

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139682.D
 Acq On : 07 Oct 2024 13:09
 Operator : RC/JU
 Sample : PB163898BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 13:35:51 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	91000	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	356324	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	206458	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	401377	20.000	ng	0.00
76) Chrysene-d12	14.039	240	245646	20.000	ng	0.00
86) Perylene-d12	15.504	264	177823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	771665	146.976	ng	0.02
7) Phenol-d6	6.510	99	1040533	147.374	ng	0.00
23) Nitrobenzene-d5	7.433	82	680839	96.741	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	295646	148.341	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1259952	93.688	ng	0.00
79) Terphenyl-d14	12.980	244	1510101	100.870	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	98595	43.436	ng	99
3) Pyridine	3.481	79	268489	48.634	ng	96
4) n-Nitrosodimethylamine	3.446	42	185327	51.286	ng	97
6) Aniline	6.534	93	366106	58.434	ng	# 86
8) 2-Chlorophenol	6.657	128	307357	54.641	ng	98
9) Benzaldehyde	6.422	77	99180	26.518	ng	98
10) Phenol	6.522	94	399001	53.744	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	302285	50.007	ng	98
12) 1,3-Dichlorobenzene	6.810	146	312494	49.383	ng	99
13) 1,4-Dichlorobenzene	6.886	146	315985	49.303	ng	100
14) 1,2-Dichlorobenzene	7.039	146	307038	51.117	ng	98
15) Benzyl Alcohol	7.016	79	288172	53.418	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	536193	51.239	ng	78
17) 2-Methylphenol	7.128	107	251739	53.608	ng	99
18) Hexachloroethane	7.381	117	118200	49.445	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	233118	51.356	ng	98
20) 3+4-Methylphenols	7.281	107	311065	52.738	ng	96
22) Acetophenone	7.281	105	420372	49.701	ng	98
24) Nitrobenzene	7.457	77	351313	48.207	ng	99
25) Isophorone	7.692	82	635721	50.858	ng	100
26) 2-Nitrophenol	7.769	139	163730	52.261	ng	99
27) 2,4-Dimethylphenol	7.804	122	237994m	62.053	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	370342	49.616	ng	100
29) 2,4-Dichlorophenol	8.016	162	265788	53.130	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	267491	47.281	ng	100
31) Naphthalene	8.175	128	898201	49.302	ng	100
32) Benzoic acid	7.945	122	192352	50.438	ng	98
33) 4-Chloroaniline	8.222	127	148766	24.124	ng	98
34) Hexachlorobutadiene	8.286	225	172393	47.087	ng	99
35) Caprolactam	8.604	113	90559m	55.192	ng	
36) 4-Chloro-3-methylphenol	8.710	107	301136	53.177	ng	99
37) 2-Methylnaphthalene	8.863	142	592020	49.894	ng	100
38) 1-Methylnaphthalene	8.963	142	554506	47.810	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	275405	48.038	ng	98
41) Hexachlorocyclopentadiene	9.016	237	321745	183.028	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	198300	51.309	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139682.D
 Acq On : 07 Oct 2024 13:09
 Operator : RC/JU
 Sample : PB163898BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163898BS

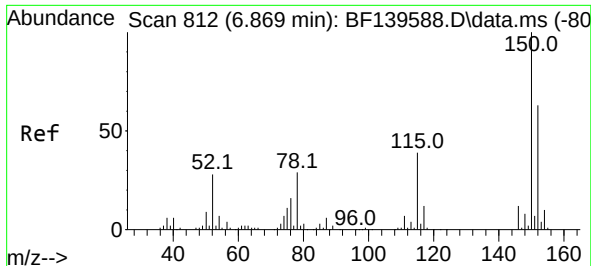
Manual Integrations
 APPROVED

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

Quant Time: Oct 07 13:35:51 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)
44) 2,4,5-Trichlorophenol	9.192	196	210134	50.417	ng	100
46) 1,1'-Biphenyl	9.327	154	741322	48.277	ng	100
47) 2-Chloronaphthalene	9.357	162	557975	48.470	ng	99
48) 2-Nitroaniline	9.451	65	221144	53.515	ng	99
49) Acenaphthylene	9.769	152	936004	53.465	ng	99
50) Dimethylphthalate	9.633	163	709940	52.530	ng	100
51) 2,6-Dinitrotoluene	9.698	165	152333	49.897	ng	95
52) Acenaphthene	9.939	154	675390m	56.196	ng	
53) 3-Nitroaniline	9.863	138	121440	38.925	ng	99
54) 2,4-Dinitrophenol	9.975	184	191683	116.732	ng	98
55) Dibenzofuran	10.116	168	856867	50.921	ng	100
56) 4-Nitrophenol	10.039	139	254032	106.773	ng	97
57) 2,4-Dinitrotoluene	10.104	165	211996	53.124	ng	96
58) Fluorene	10.457	166	669331	49.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	185099	54.986	ng	99
60) Diethylphthalate	10.333	149	721070	51.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	328305	48.963	ng	99
62) 4-Nitroaniline	10.486	138	175377	54.956	ng	97
63) Azobenzene	10.610	77	726187	51.729	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	125255	55.254	ng	99
66) n-Nitrosodiphenylamine	10.569	169	606821	51.290	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	201514	48.967	ng	98
68) Hexachlorobenzene	11.004	284	221995	48.613	ng	100
69) Atrazine	11.098	200	201845	63.587	ng	98
70) Pentachlorophenol	11.204	266	262023	96.362	ng	98
71) Phenanthrene	11.421	178	993348	52.488	ng	100
72) Anthracene	11.474	178	1004132	53.632	ng	100
73) Carbazole	11.627	167	944851	52.543	ng	100
74) Di-n-butylphthalate	11.951	149	1164948	53.274	ng	100
75) Fluoranthene	12.610	202	1086310	52.509	ng	100
77) Benzidine	12.727	184	384907	88.833	ng	100
78) Pyrene	12.839	202	1121093	51.028	ng	99
80) Butylbenzylphthalate	13.451	149	443244	56.402	ng	100
81) Benzo(a)anthracene	14.027	228	874551	54.151	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	195234	39.499	ng	100
83) Chrysene	14.062	228	778254	52.708	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	582939	59.405	ng	100
85) Di-n-octyl phthalate	14.621	149	816089	56.608	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	594282	56.781	ng	100
88) Benzo(b)fluoranthene	15.074	252	647061	56.277	ng	99
89) Benzo(k)fluoranthene	15.104	252	521199	53.439	ng	100
90) Benzo(a)pyrene	15.445	252	519722	57.327	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	488811	56.309	ng	99
92) Benzo(g,h,i)perylene	17.433	276	457166	52.511	ng	98

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



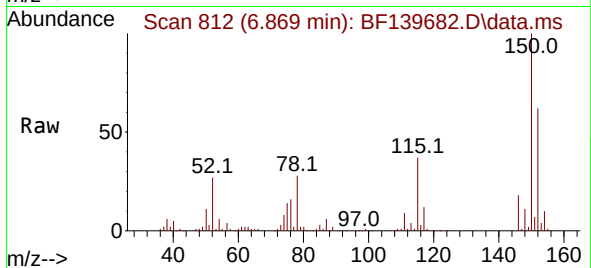
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

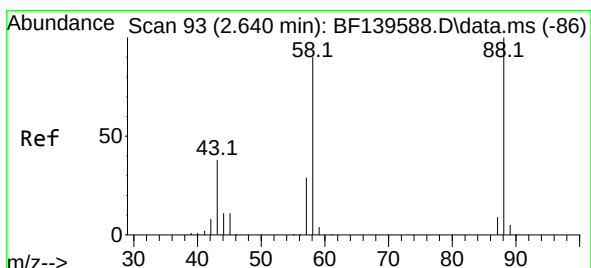
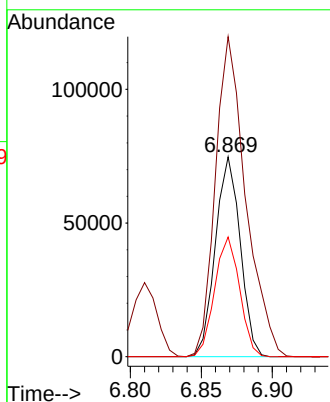
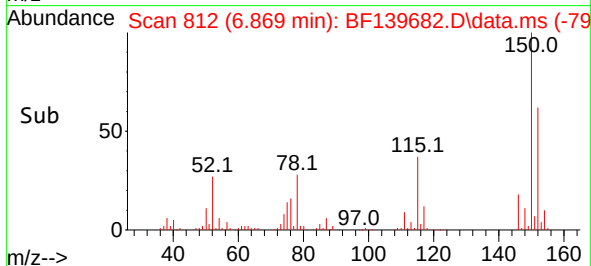


Tgt Ion:152 Resp: 91000
Ion Ratio Lower Upper
152 100
150 160.2 127.2 190.8
115 59.9 49.0 73.4

Manual Integrations

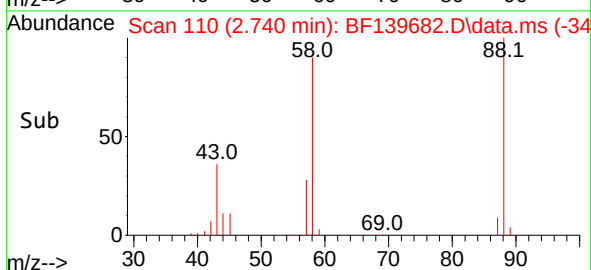
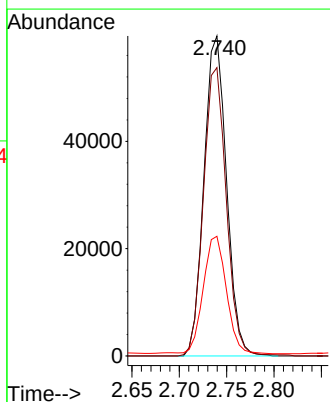
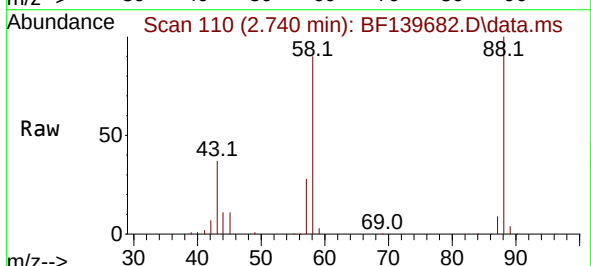
APPROVED

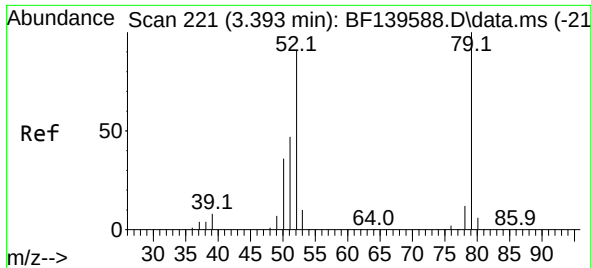
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#2
1,4-Dioxane
Concen: 43.436 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 88 Resp: 98595
Ion Ratio Lower Upper
88 100
58 91.4 72.0 108.0
43 37.7 30.8 46.2





#3

Pyridine

Concen: 48.634 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

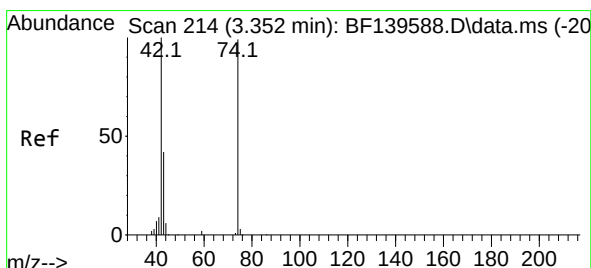
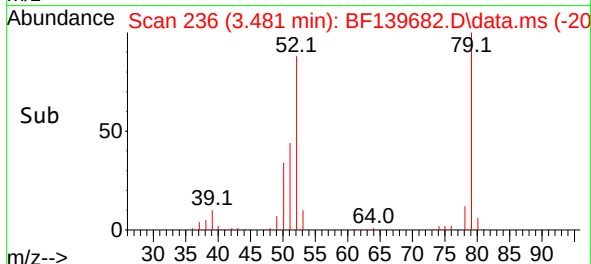
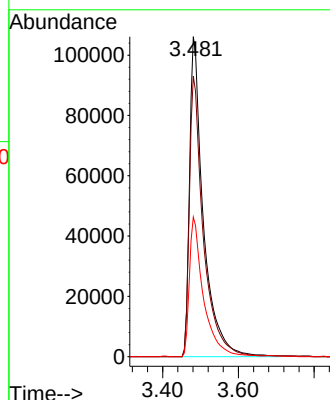
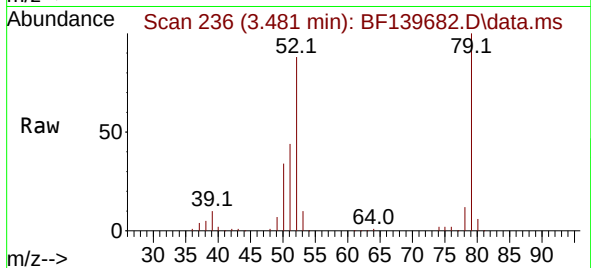
PB163898BS

Tgt Ion: 79 Resp: 268489

Ion	Ratio	Lower	Upper
79	100		
52	87.7	72.6	109.0
51	43.7	37.5	56.3

Manual Integrations
APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 51.286 ng

RT: 3.446 min Scan# 230

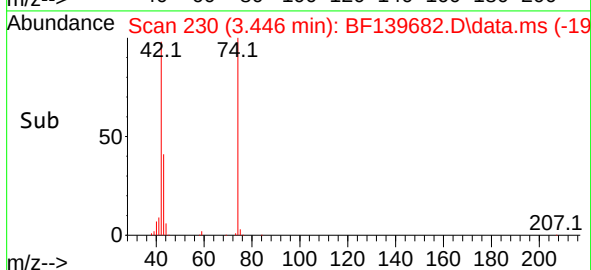
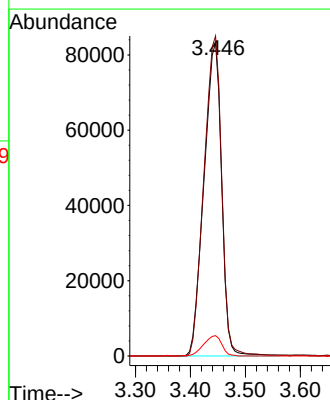
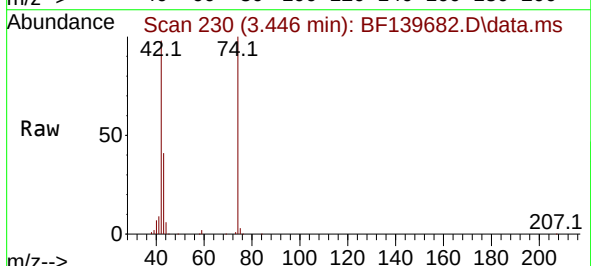
Delta R.T. 0.094 min

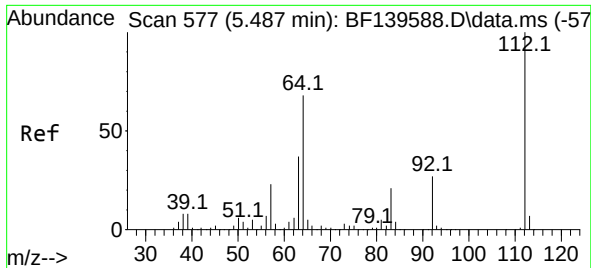
Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion: 42 Resp: 185327

Ion	Ratio	Lower	Upper
42	100		
74	102.2	79.0	118.6
44	6.5	5.2	7.8





#5
2-Fluorophenol
Concen: 146.976 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

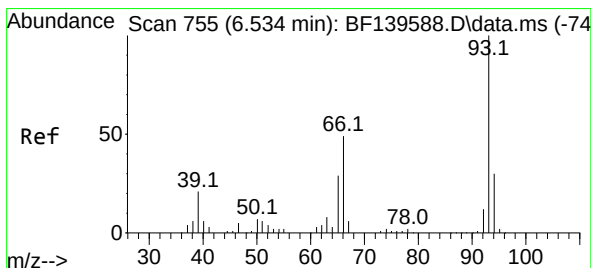
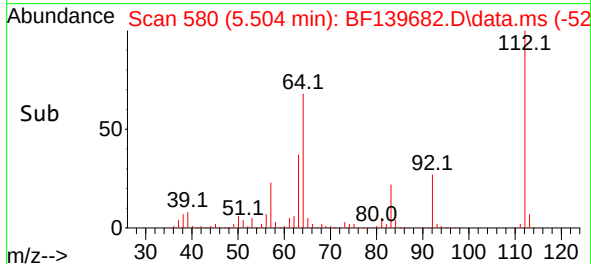
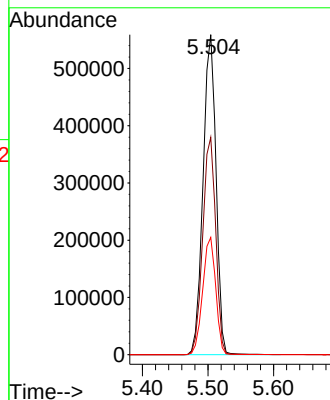
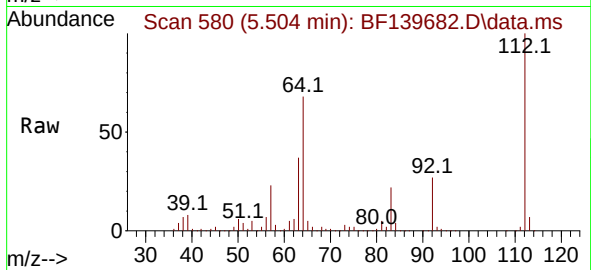
PB163898BS

Tgt Ion:112 Resp: 77166
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 36.6 29.4 44.2

Manual Integrations

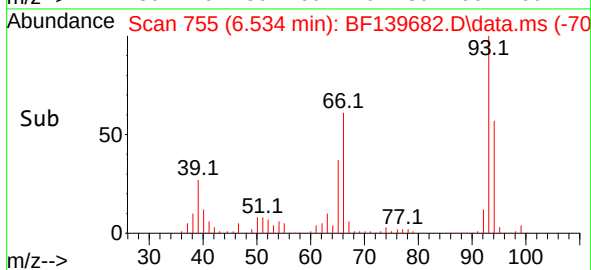
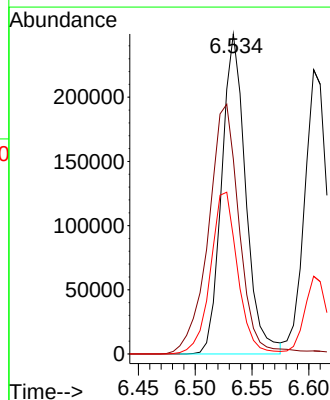
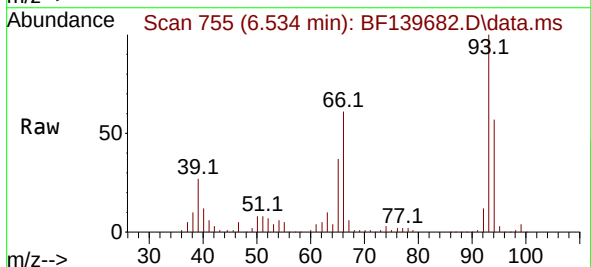
APPROVED

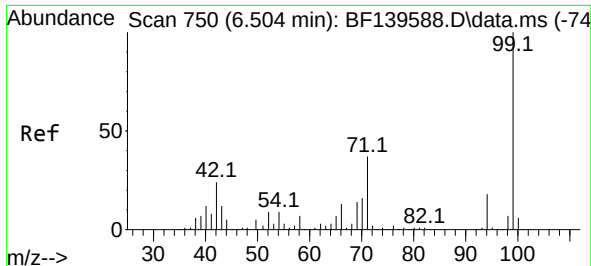
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#6
Aniline
Concen: 58.434 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 93 Resp: 366106
Ion Ratio Lower Upper
93 100
66 60.9 40.9 61.3
65 36.5 23.3 34.9





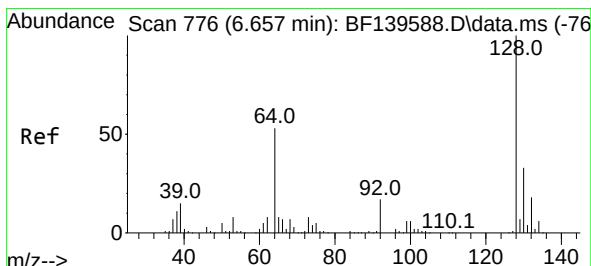
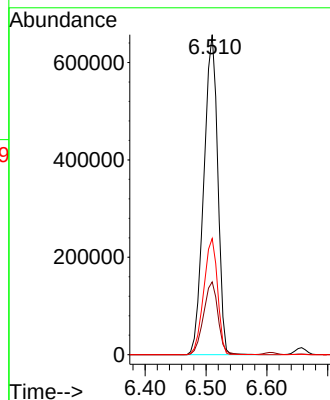
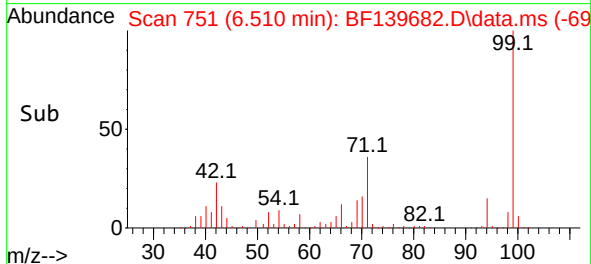
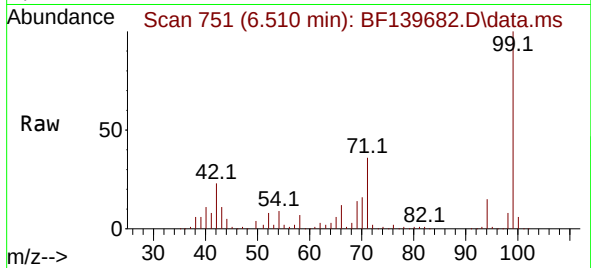
#7
Phenol-d6
Concen: 147.374 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Tgt Ion: 99 Resp: 104053
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.3 29.7 44.5

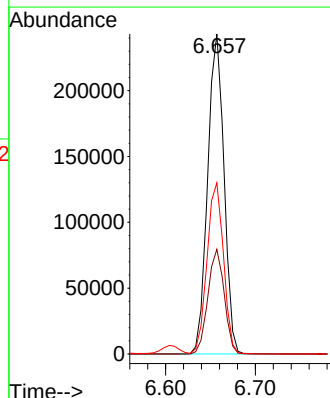
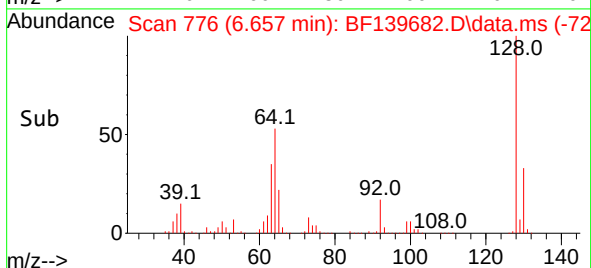
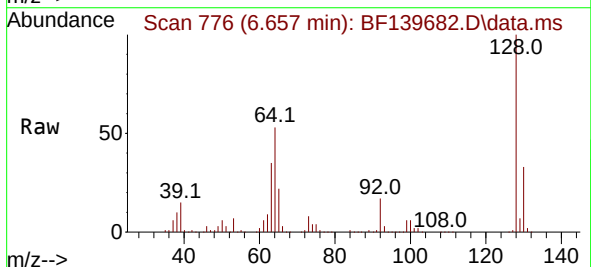
Manual Integrations
APPROVED

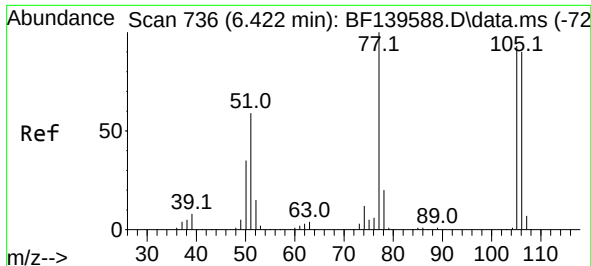
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#8
2-Chlorophenol
Concen: 54.641 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:128 Resp: 307357
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 53.5 35.1 75.1





#9
Benzaldehyde
Concen: 26.518 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

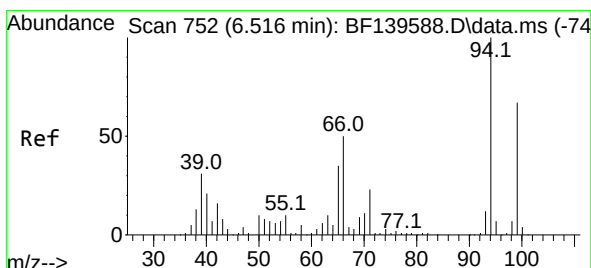
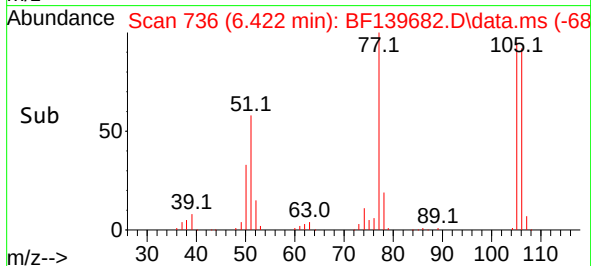
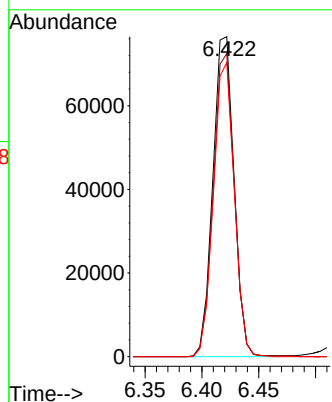
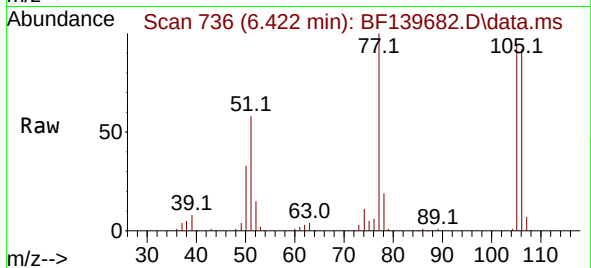
PB163898BS

Tgt Ion: 77 Resp: 99180
Ion Ratio Lower Upper
77 100
105 94.7 72.7 112.7
106 91.9 70.1 110.1

Manual Integrations

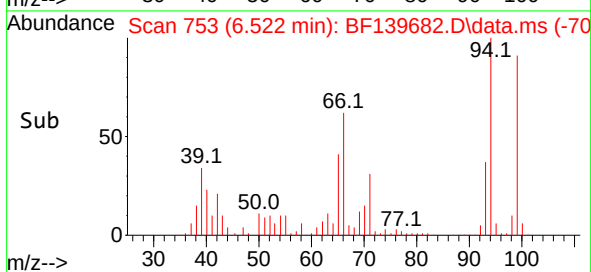
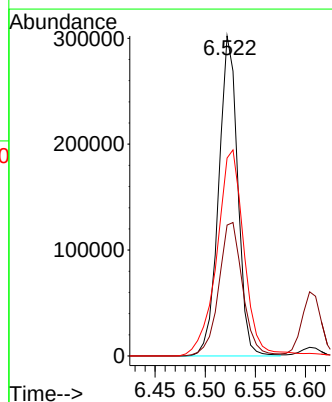
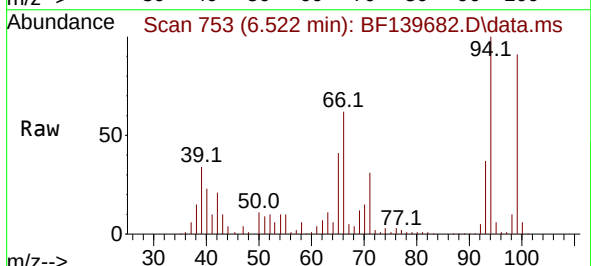
APPROVED

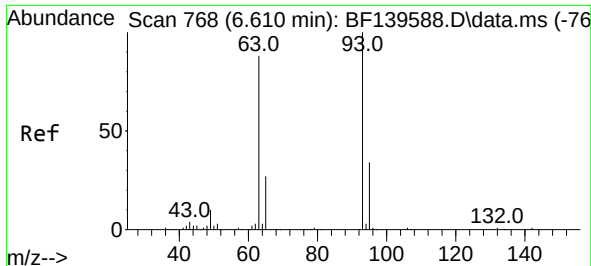
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#10
Phenol
Concen: 53.744 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

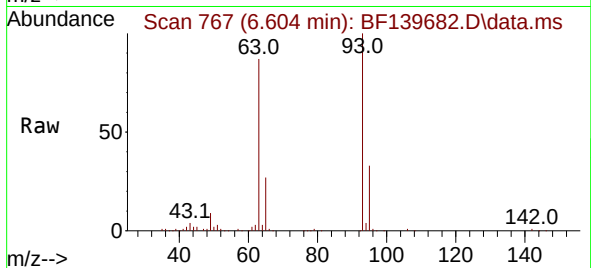
Tgt Ion: 94 Resp: 399001
Ion Ratio Lower Upper
94 100
65 40.9 15.3 55.3
66 61.9 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 50.007 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

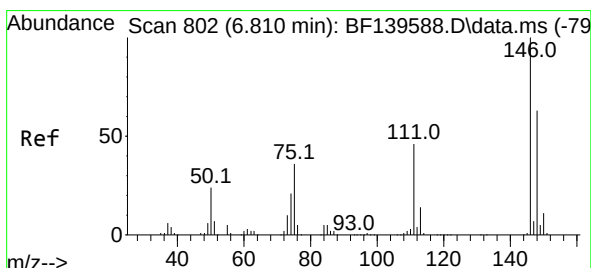
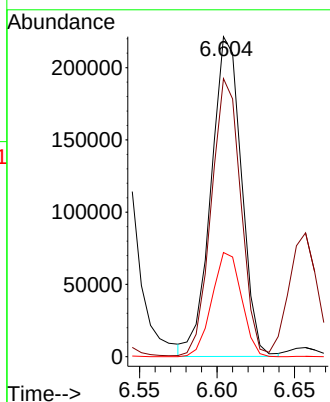
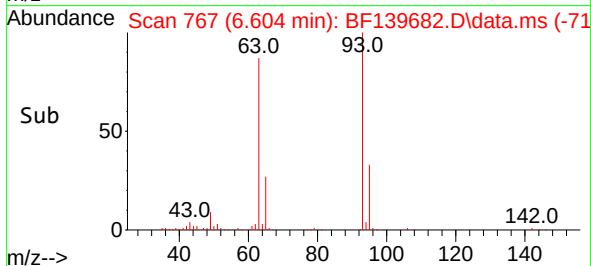
Instrument :
BNA_F
ClientSampleId :
PB163898BS



Tgt Ion: 93 Resp: 30228
Ion Ratio Lower Upper
93 100
63 86.9 64.1 104.1
95 32.5 12.3 52.3

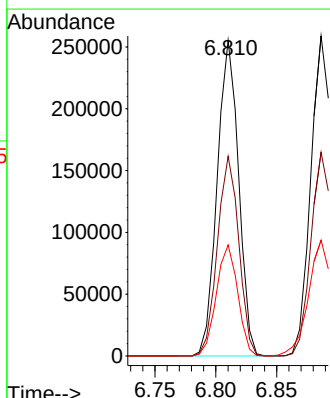
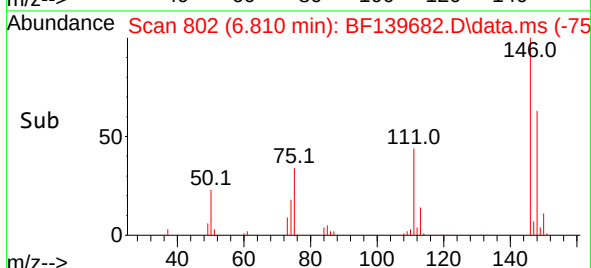
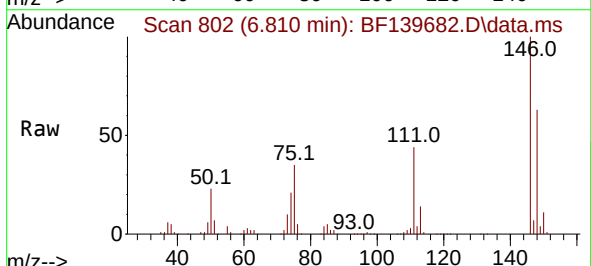
Manual Integrations
APPROVED

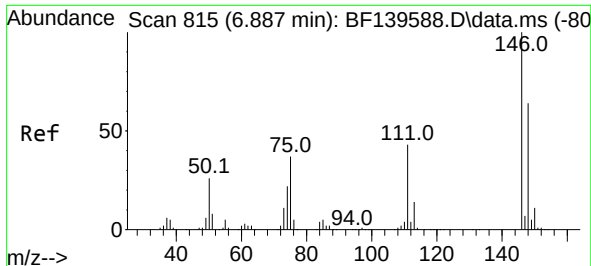
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#12
1,3-Dichlorobenzene
Concen: 49.383 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:146 Resp: 312494
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.4
75 35.2 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 49.303 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

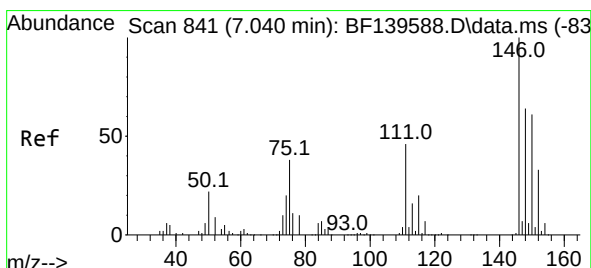
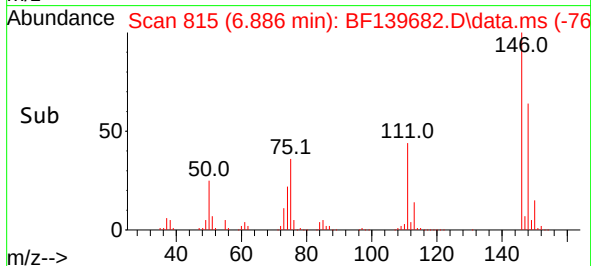
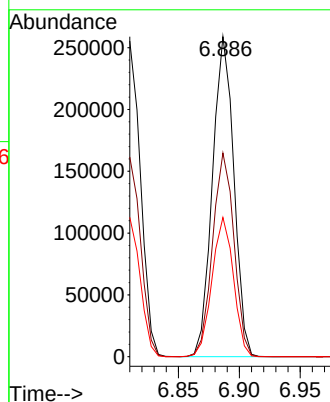
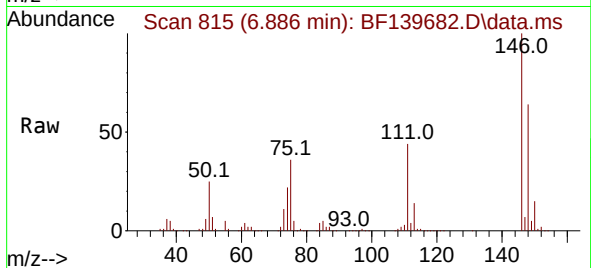
ClientSampleId :

PB163898BS

Tgt Ion:146 Resp: 31598
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.5 34.9 52.3

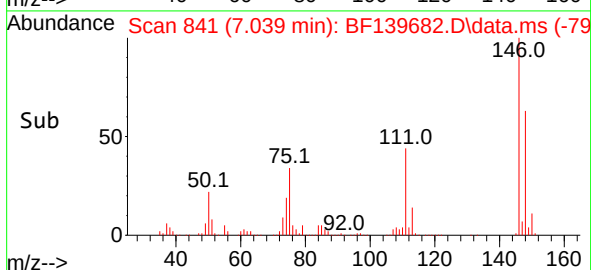
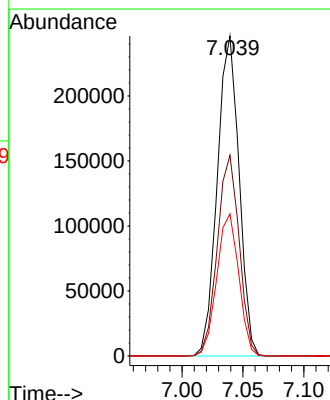
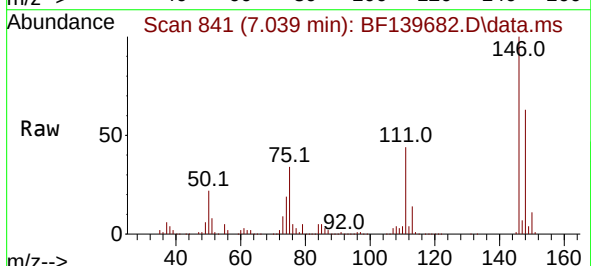
Manual Integrations
APPROVED

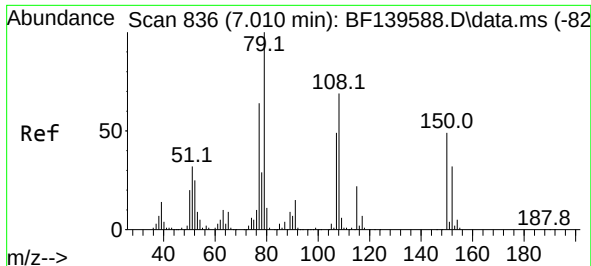
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#14
1,2-Dichlorobenzene
Concen: 51.117 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

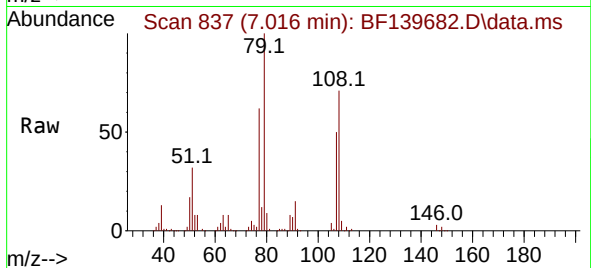
Tgt Ion:146 Resp: 307038
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 44.4 37.0 55.6





#15
Benzyl Alcohol
Concen: 53.418 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

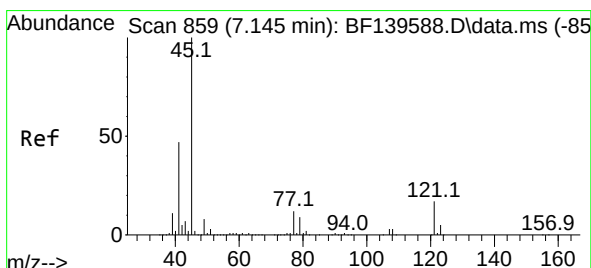
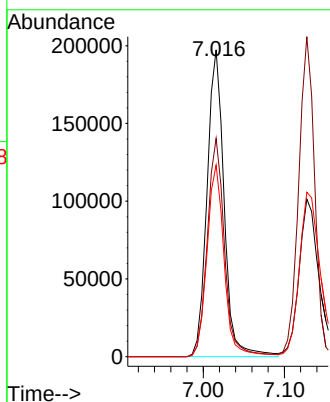
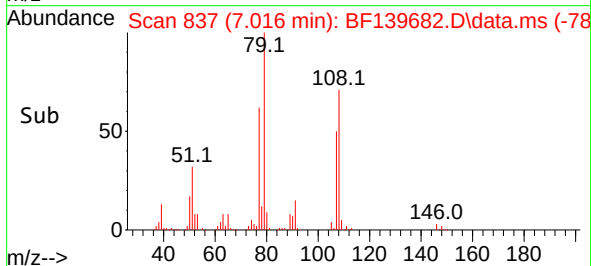
Instrument :
BNA_F
ClientSampleId :
PB163898BS



Tgt Ion: 79 Resp: 288172
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 62.5 50.8 76.2

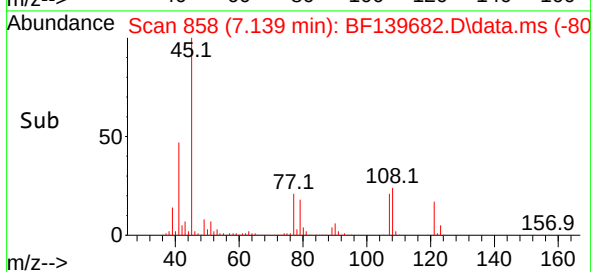
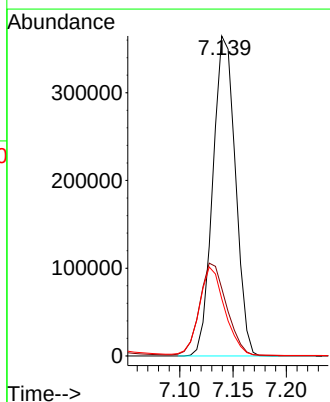
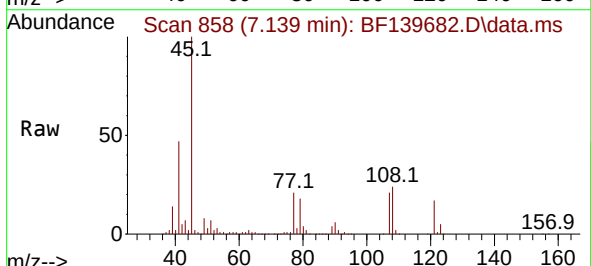
Manual Integrations
APPROVED

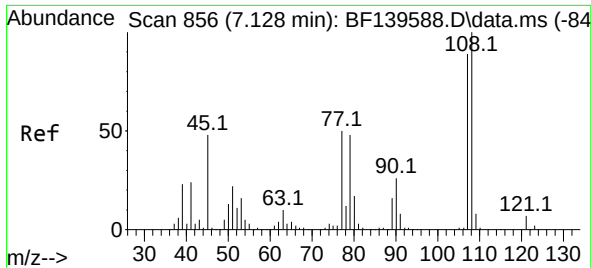
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.239 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 45 Resp: 536193
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.5
79 17.9 0.0 29.7





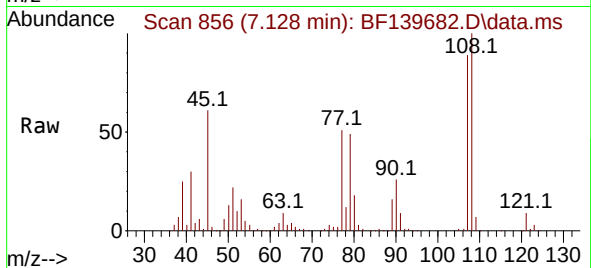
#17
2-Methylphenol
Concen: 53.608 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

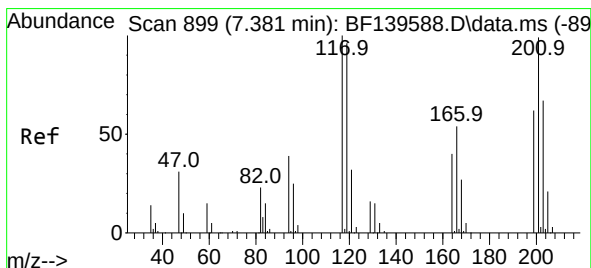
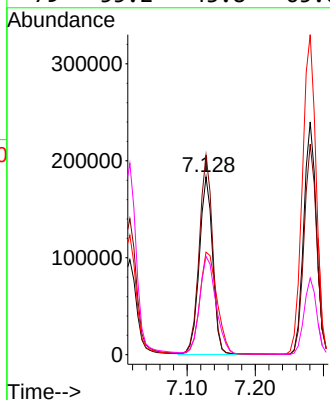
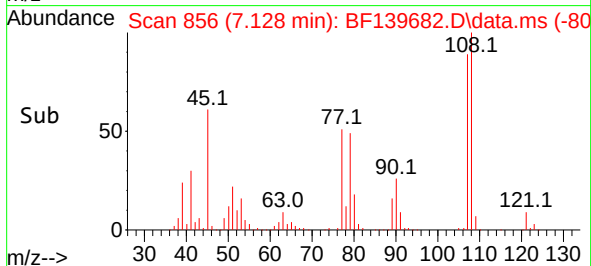


Tgt Ion:107 Resp: 251739
Ion Ratio Lower Upper
107 100
108 112.2 89.8 134.6
77 57.7 44.6 67.0
79 55.2 43.8 65.6

Manual Integrations

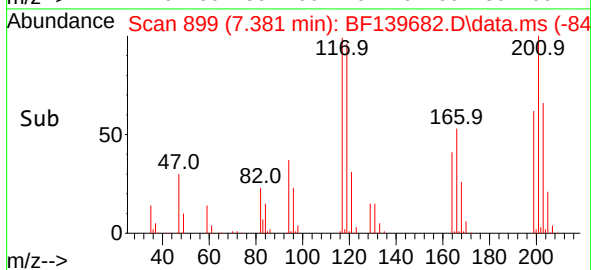
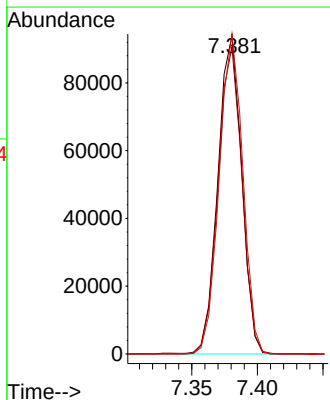
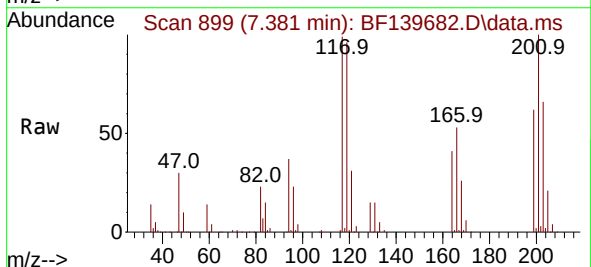
APPROVED

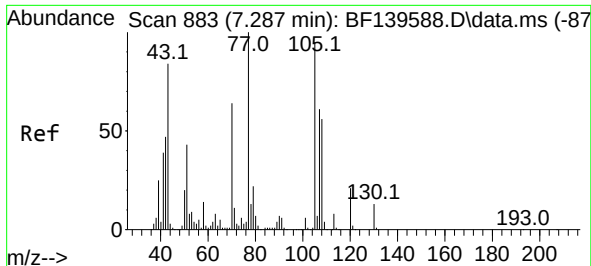
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 49.445 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:117 Resp: 118200
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6
201 100.5 79.2 118.8





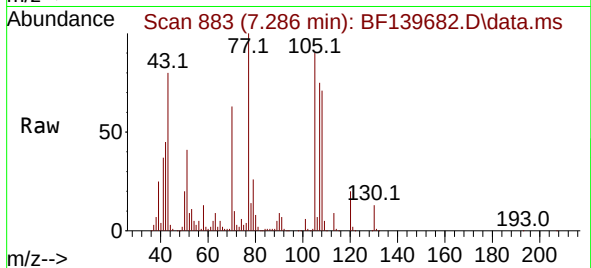
#19
n-Nitroso-di-n-propylamine
Concen: 51.356 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

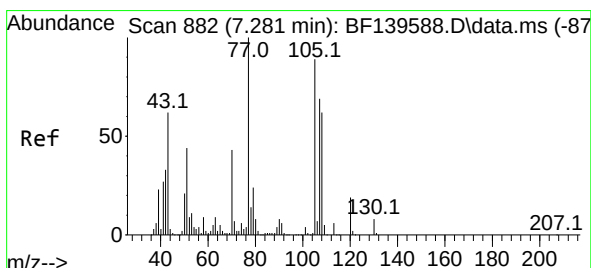
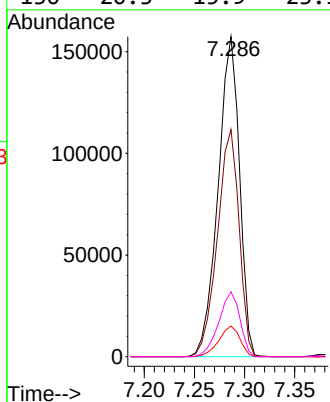
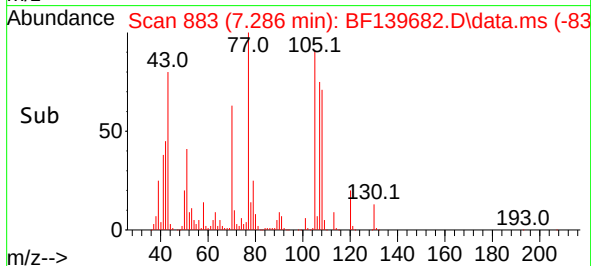


Tgt Ion: 70 Resp: 233118
Ion Ratio Lower Upper
70 100
42 70.9 58.0 87.0
101 9.6 7.8 11.8
130 20.3 15.9 23.9

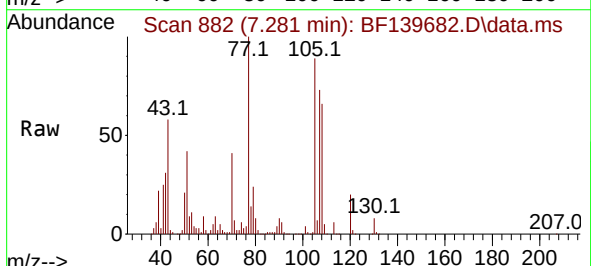
Manual Integrations

APPROVED

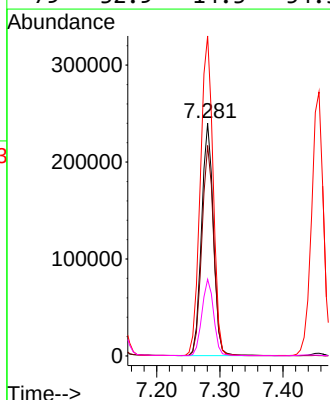
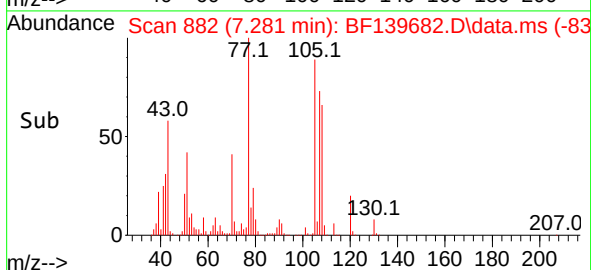
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

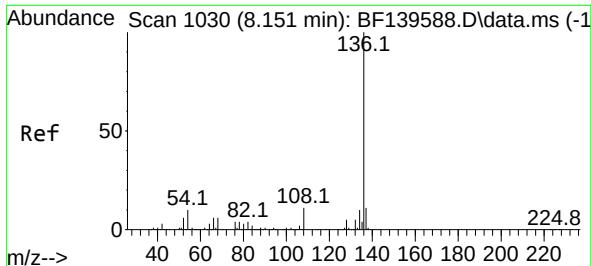


#20
3+4-Methylphenols
Concen: 52.738 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:107 Resp: 311065
Ion Ratio Lower Upper
107 100
108 90.4 70.2 110.2
77 137.4 125.3 165.3
79 32.9 14.3 54.3





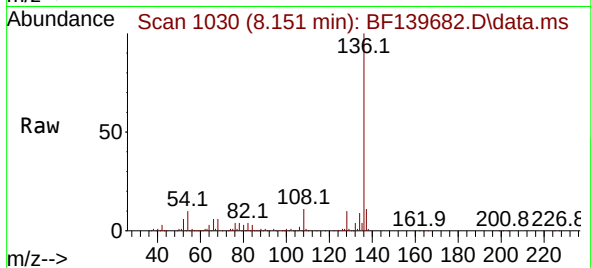
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



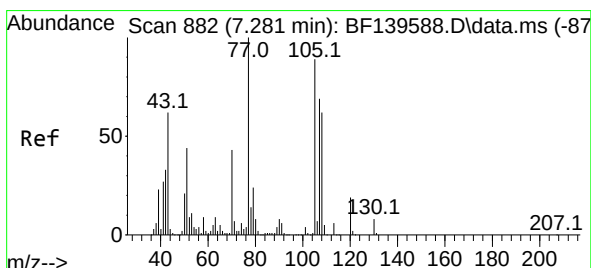
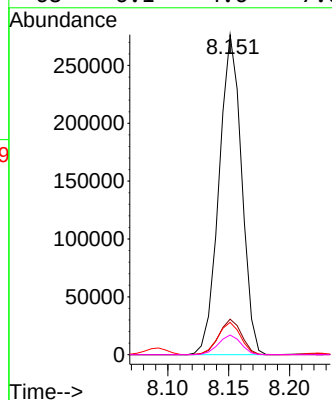
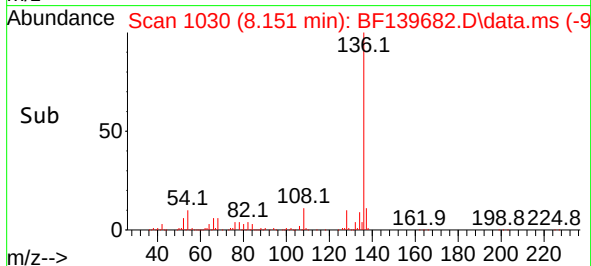
Tgt Ion:136 Resp: 356324
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

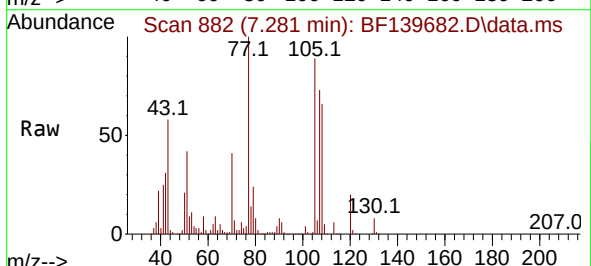
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

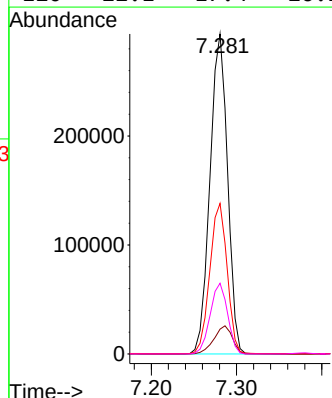
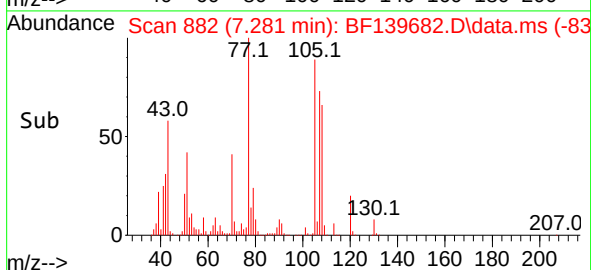
Supervised By :mohammad ahmed 10/09/2024

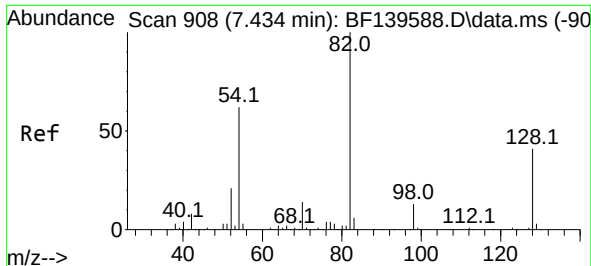


#22
Acetophenone
Concen: 49.701 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:105 Resp: 420372
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 47.1 39.4 59.0
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 96.741 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

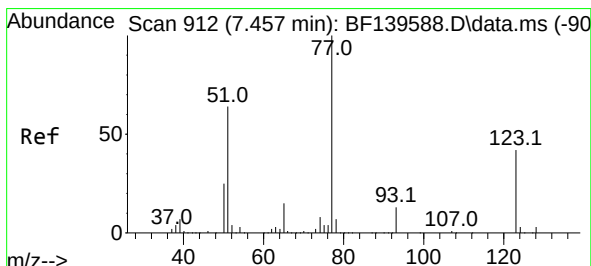
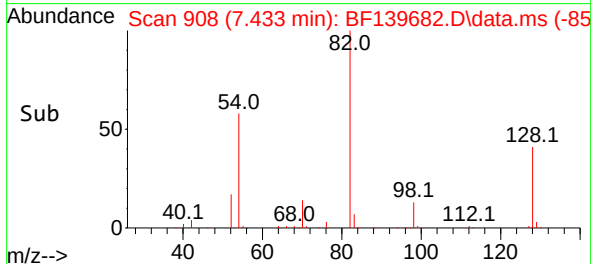
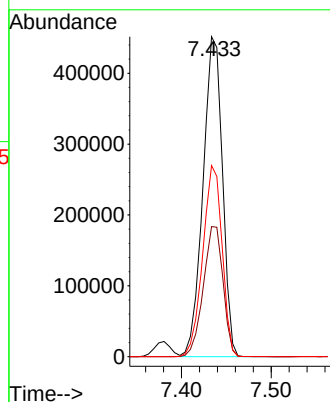
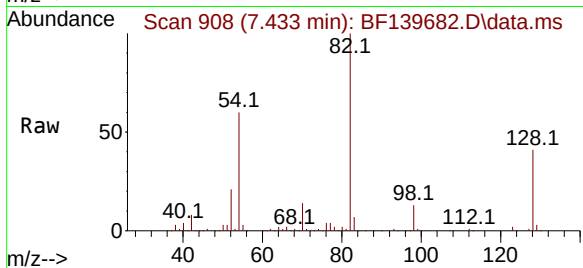
PB163898BS

Tgt Ion: 82 Resp: 680839
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.4 48.6
 54 59.8 49.1 73.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 48.207 ng

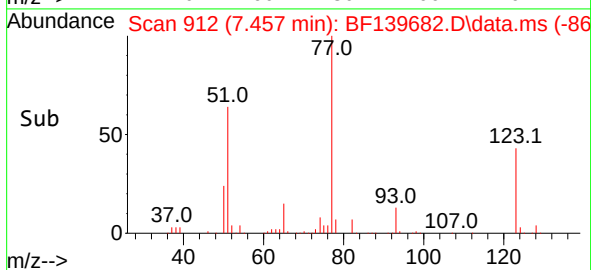
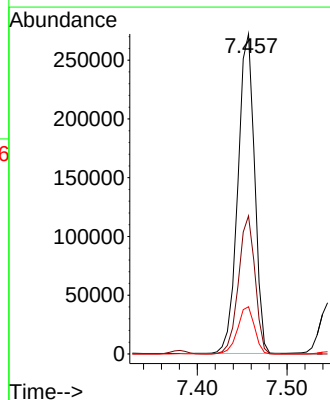
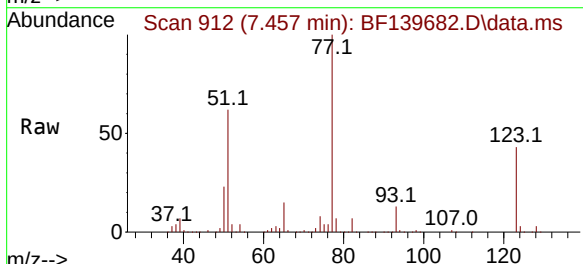
RT: 7.457 min Scan# 912

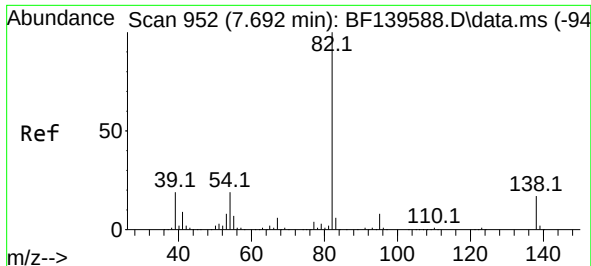
Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion: 77 Resp: 351313
 Ion Ratio Lower Upper
 77 100
 123 43.2 34.2 51.4
 65 14.8 12.1 18.1





#25
Isophorone
Concen: 50.858 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

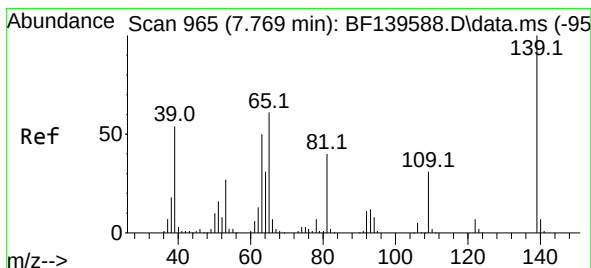
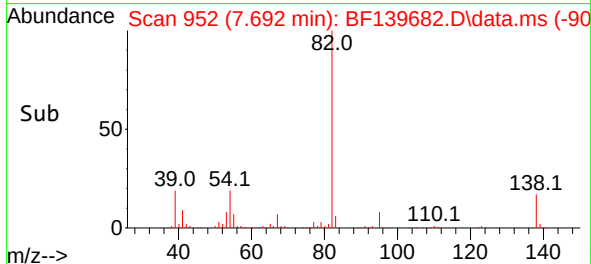
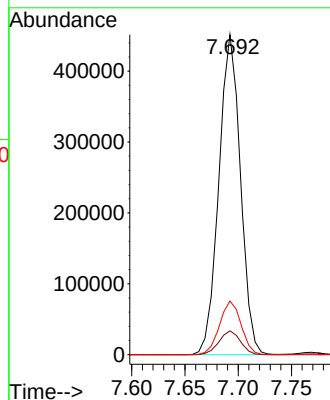
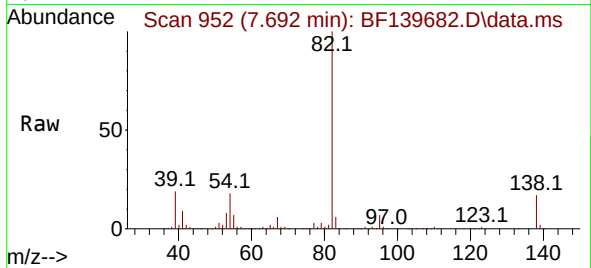
ClientSampleId :

PB163898BS

Tgt Ion: 82 Resp: 63572
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.8 13.4 20.2

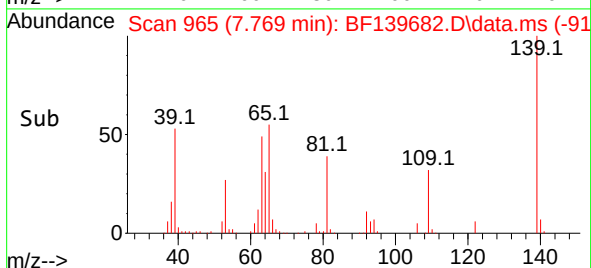
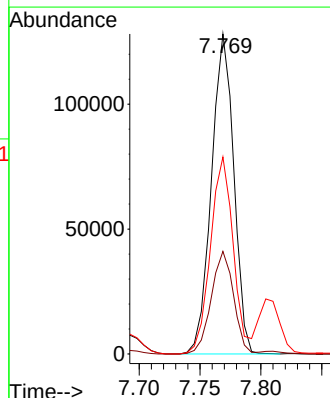
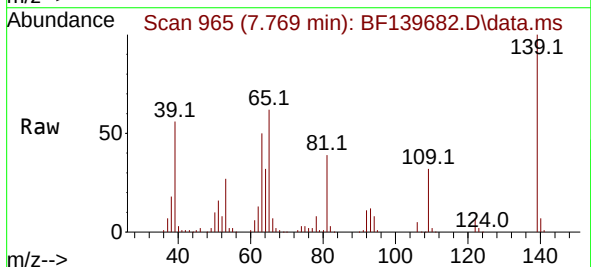
Manual Integrations
APPROVED

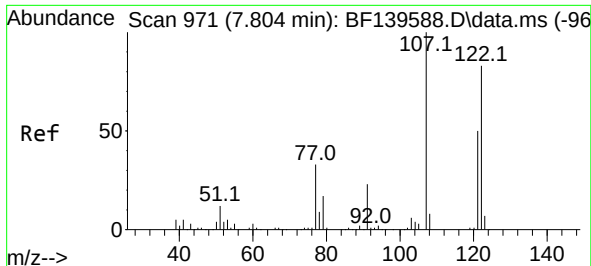
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 52.261 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:139 Resp: 163730
Ion Ratio Lower Upper
139 100
109 32.1 24.9 37.3
65 61.5 48.6 72.8





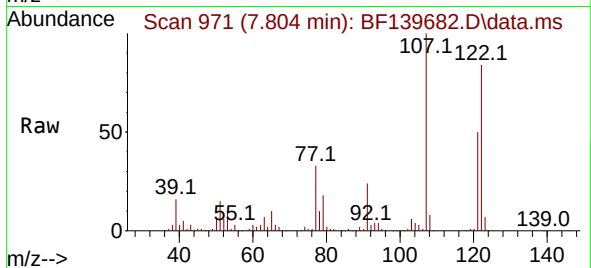
#27
2,4-Dimethylphenol
Concen: 62.053 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

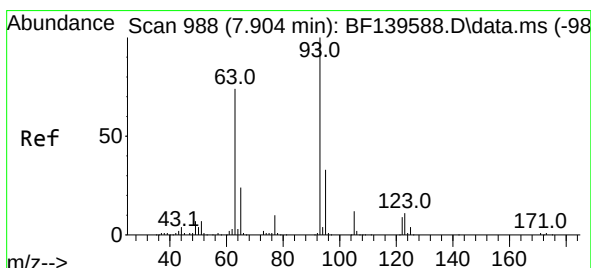
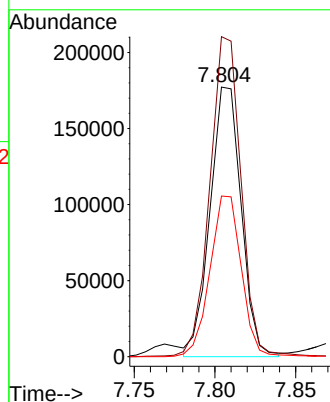
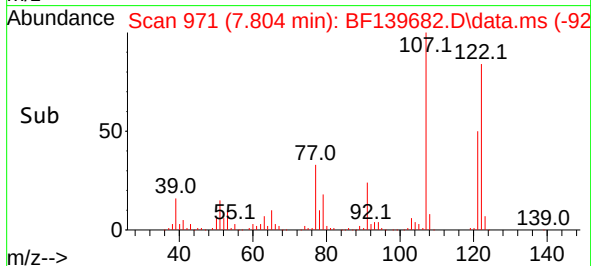


Tgt Ion:122 Resp: 237994
Ion Ratio Lower Upper
122 100
107 118.7 95.4 143.0
121 59.6 47.4 71.2

Manual Integrations

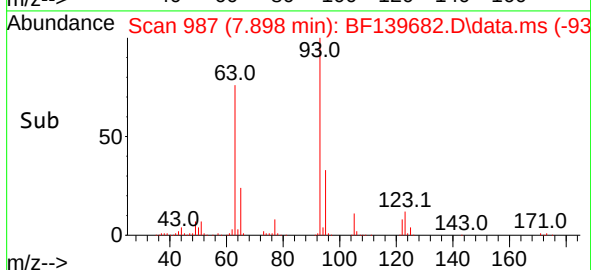
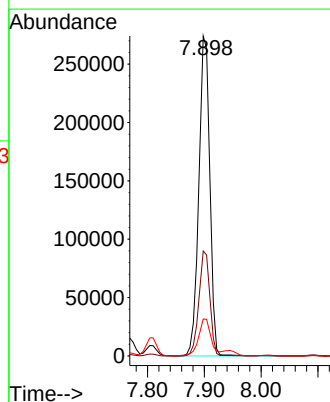
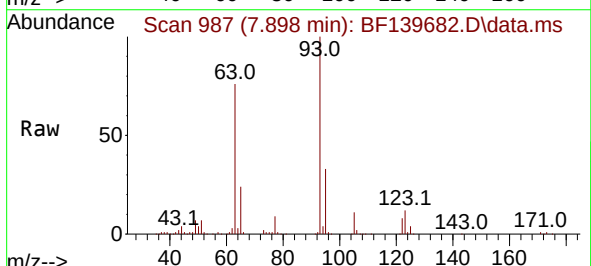
APPROVED

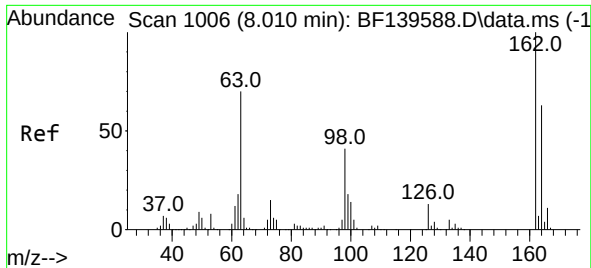
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.616 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion: 93 Resp: 370342
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.5 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 53.130 ng
RT: 8.016 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

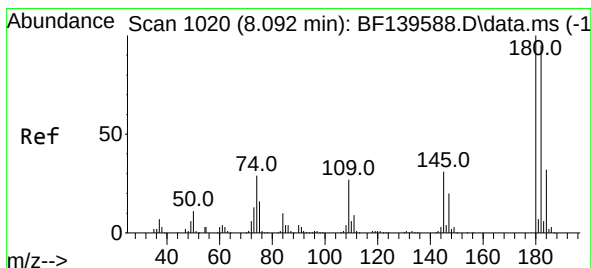
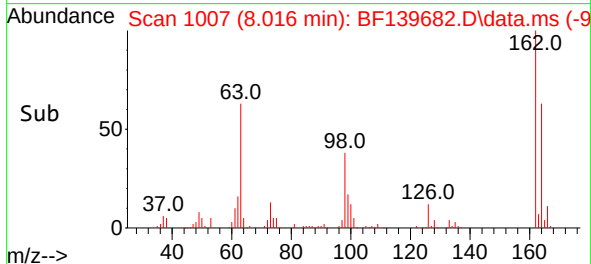
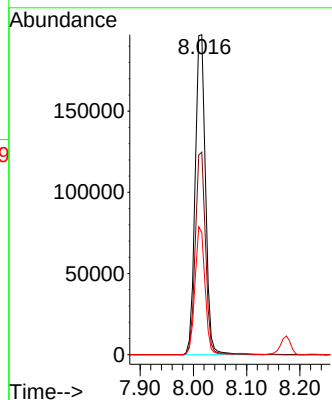
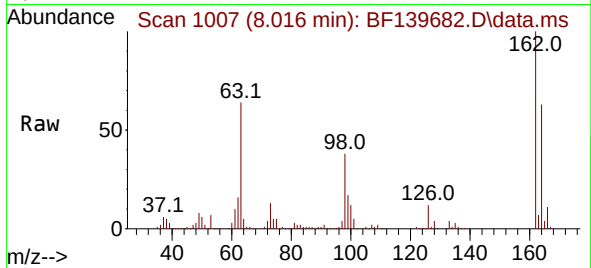
PB163898BS

Tgt Ion:162 Resp: 265788
Ion Ratio Lower Upper
162 100
164 63.3 43.1 83.1
98 38.1 20.8 60.8

Manual Integrations

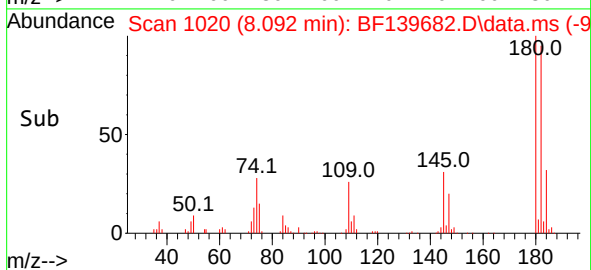
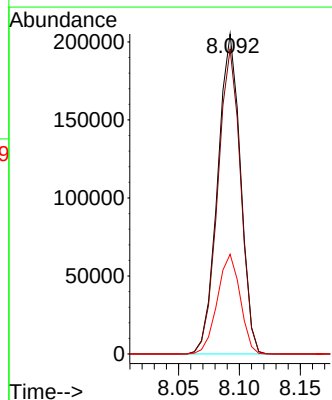
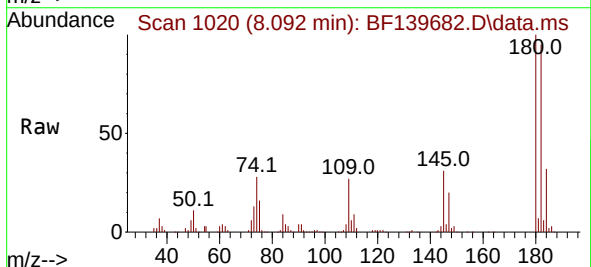
APPROVED

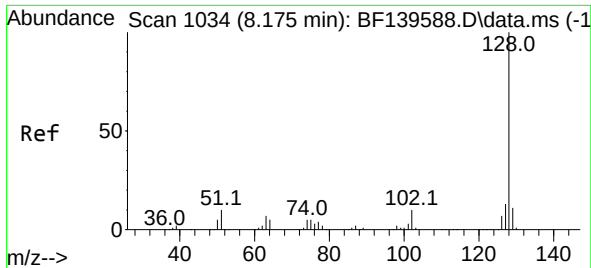
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.281 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:180 Resp: 267491
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 31.2 25.0 37.6





#31
Naphthalene
Concen: 49.302 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

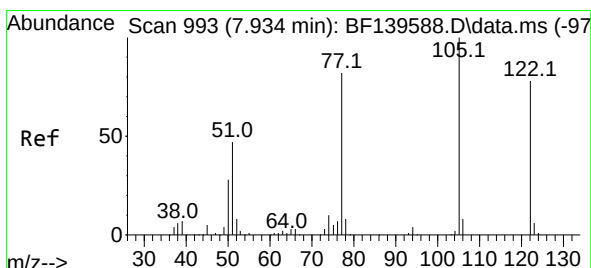
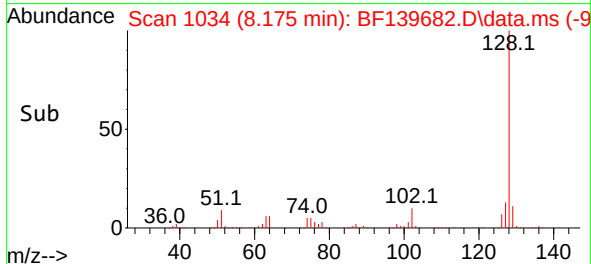
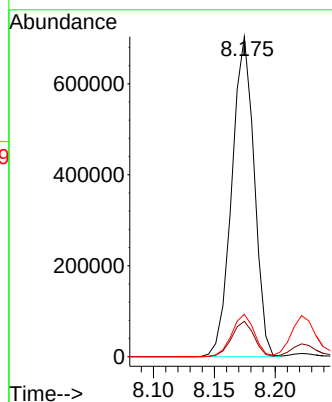
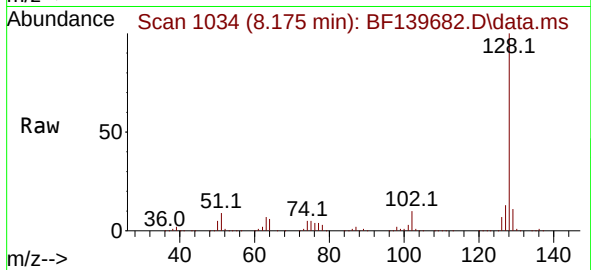
PB163898BS

Tgt Ion:128 Resp: 89820
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7

Manual Integrations

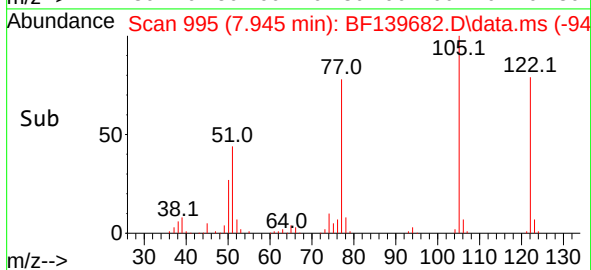
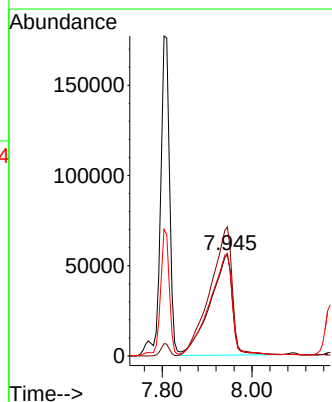
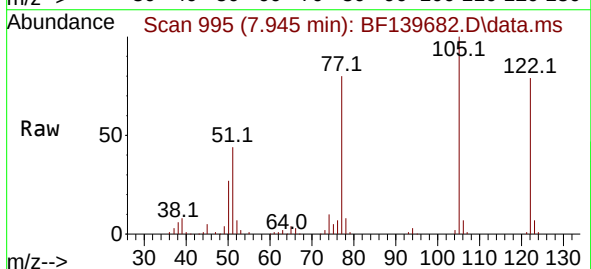
APPROVED

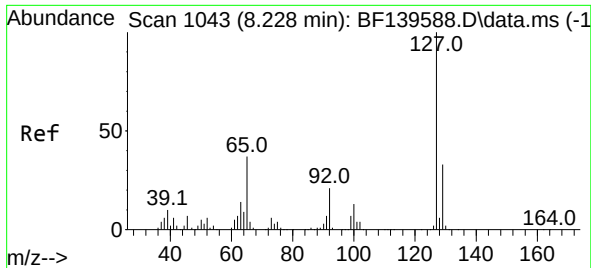
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#32
Benzoic acid
Concen: 50.438 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:122 Resp: 192352
Ion Ratio Lower Upper
122 100
105 127.1 104.9 144.9
77 101.2 82.7 122.7





#33
4-Chloroaniline
Concen: 24.124 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

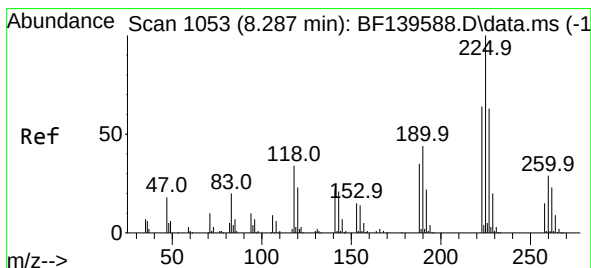
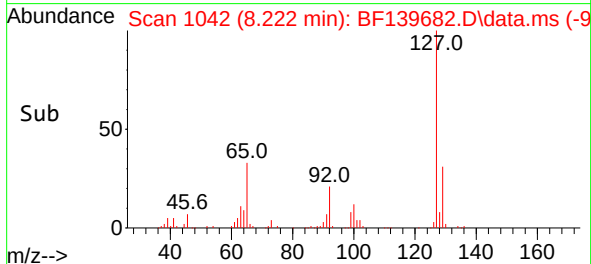
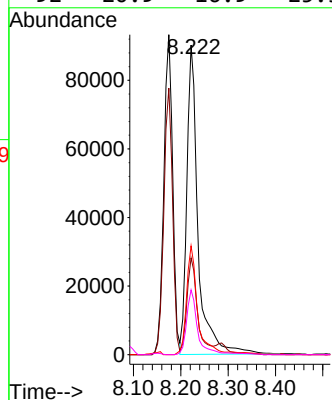
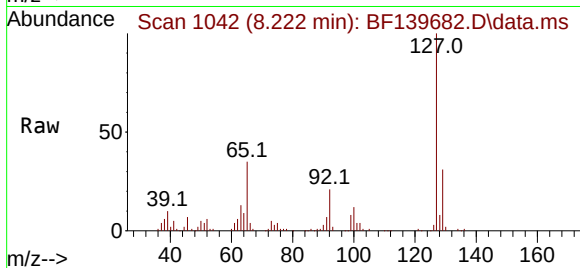
ClientSampleId :

PB163898BS

Tgt Ion:127 Resp: 148760
Ion Ratio Lower Upper
127 100
129 31.2 26.2 39.4
65 35.1 29.3 43.9
92 20.9 16.9 25.3

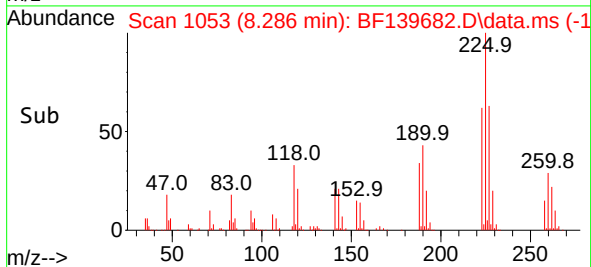
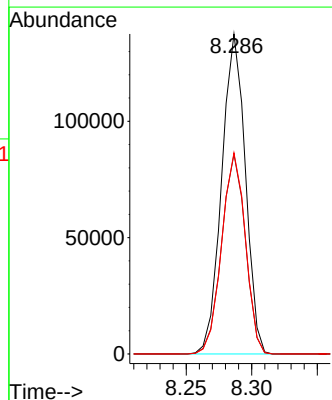
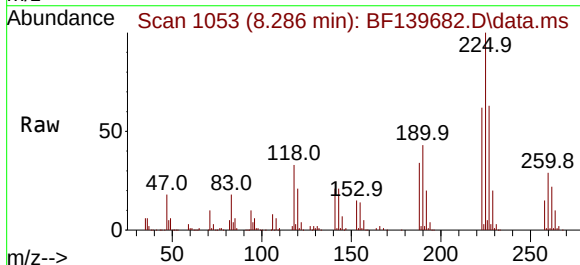
Manual Integrations
APPROVED

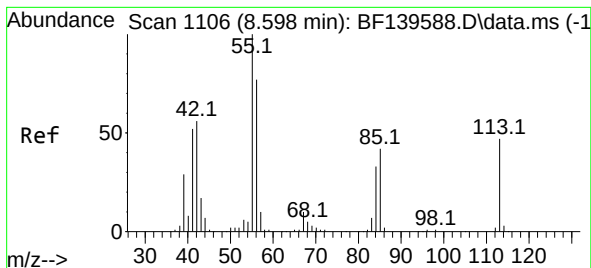
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 47.087 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:225 Resp: 172393
Ion Ratio Lower Upper
225 100
223 62.4 50.9 76.3
227 62.9 50.7 76.1





#35

Caprolactam

Concen: 55.192 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

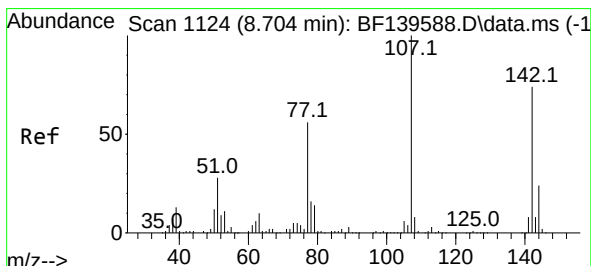
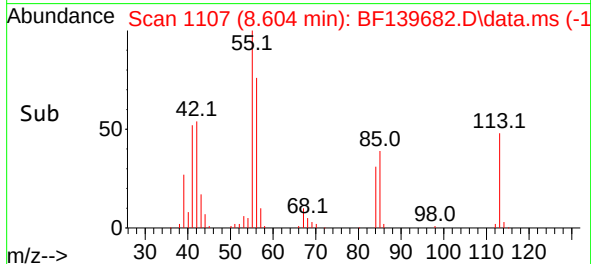
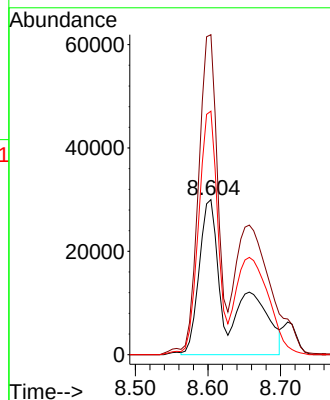
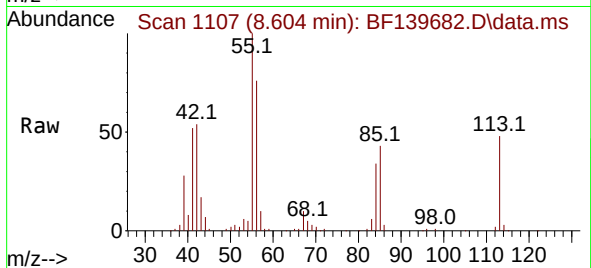
Tgt Ion:	113	Resp:	9055
Ion Ratio	Lower	Upper	
113	100		
55	206.3	193.4	233.4
56	157.0	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#36

4-Chloro-3-methylphenol

Concen: 53.177 ng

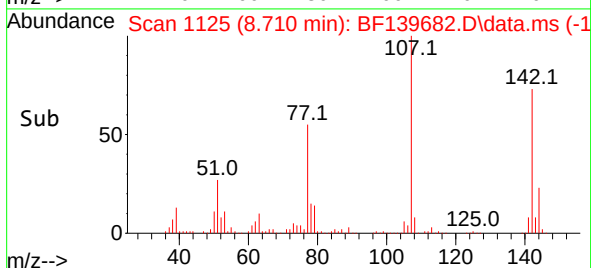
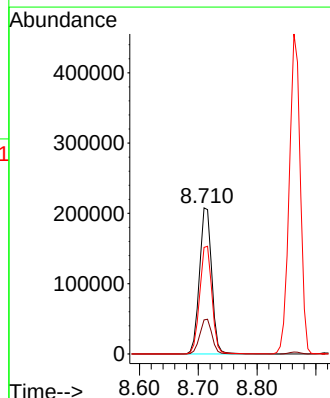
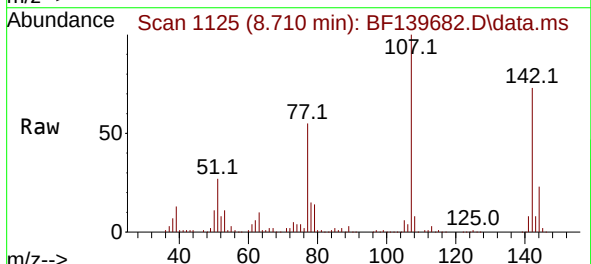
RT: 8.710 min Scan# 1125

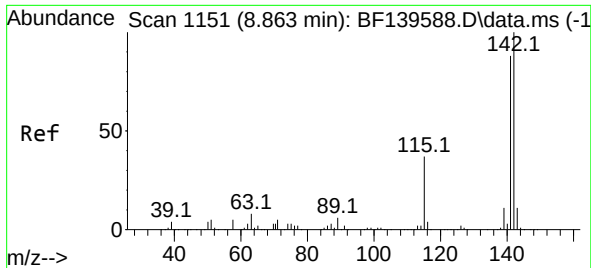
Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:	107	Resp:	301136
Ion Ratio	Lower	Upper	
107	100		
144	23.3	19.0	28.6
142	72.9	59.2	88.8





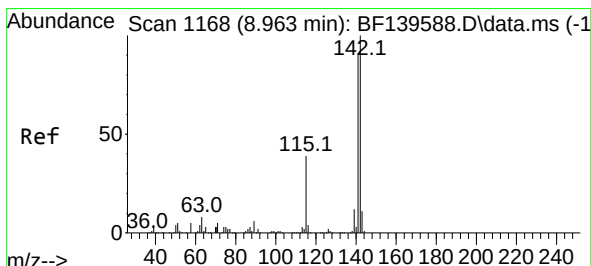
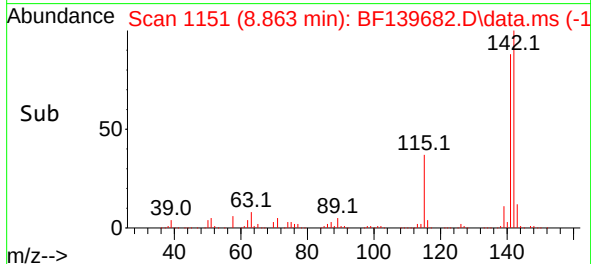
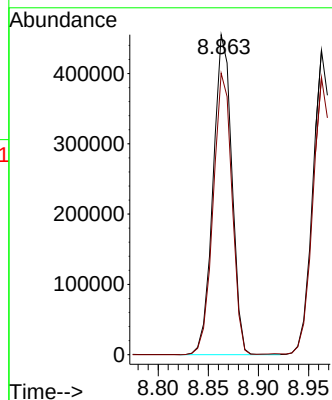
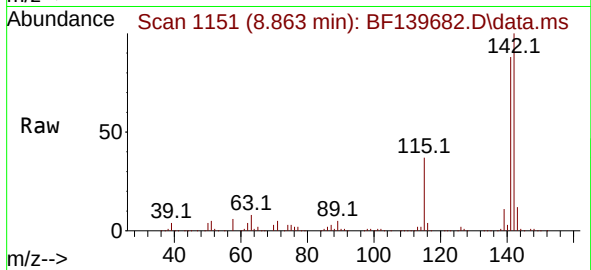
#37
2-Methylnaphthalene
Concen: 49.894 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Tgt Ion:142 Resp: 592020
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6

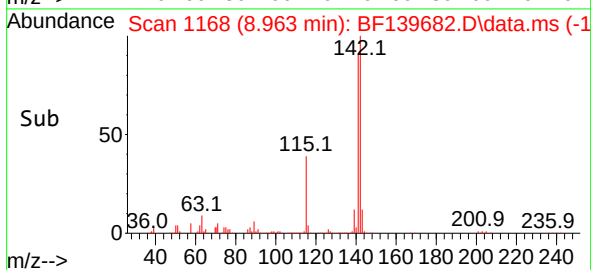
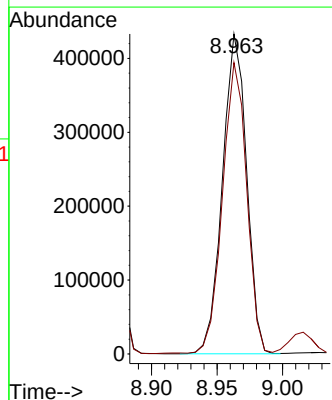
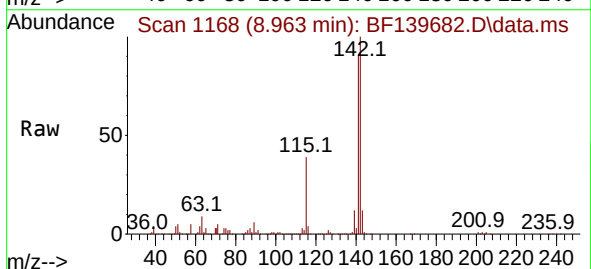
Manual Integrations
APPROVED

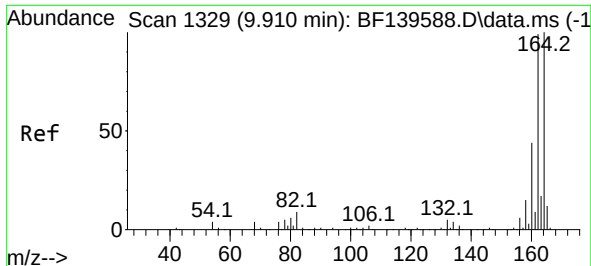
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#38
1-Methylnaphthalene
Concen: 47.810 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:142 Resp: 554506
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4





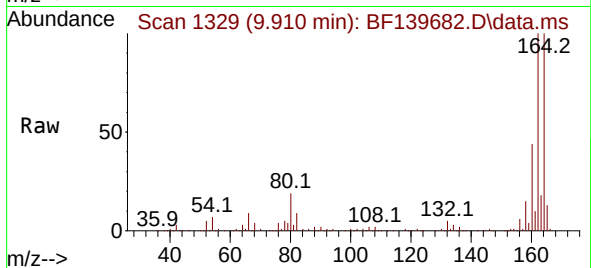
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



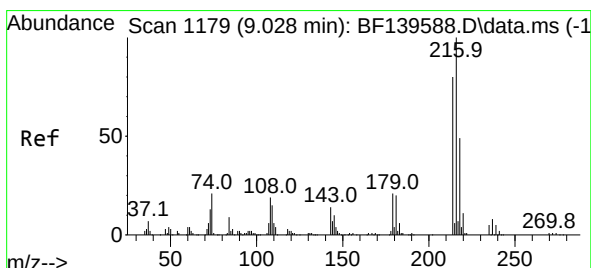
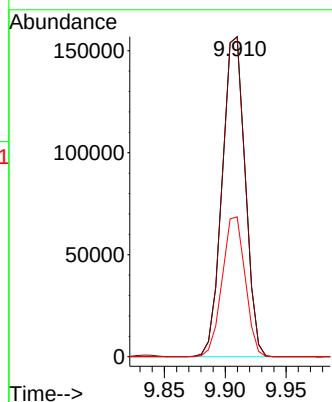
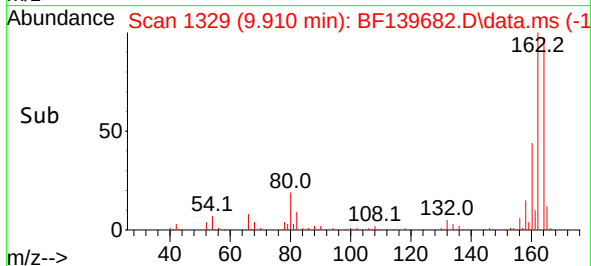
Tgt Ion:164 Resp: 206458
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 43.7 35.1 52.7

Manual Integrations

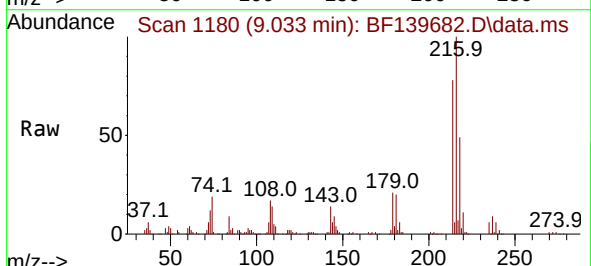
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

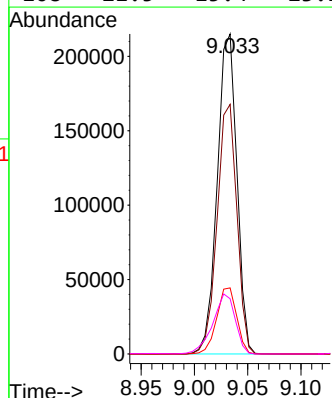
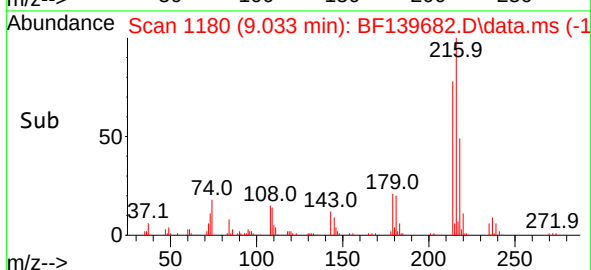
Supervised By :mohammad ahmed 10/09/2024

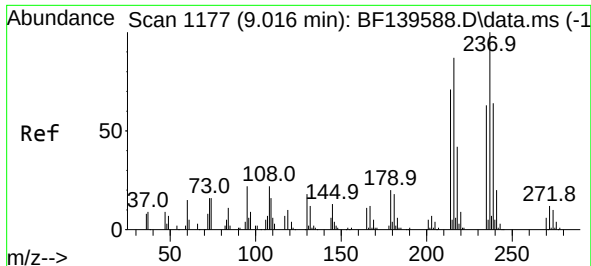


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.038 ng
RT: 9.033 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:216 Resp: 275405
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 21.0 16.9 25.3
108 21.5 15.4 23.2





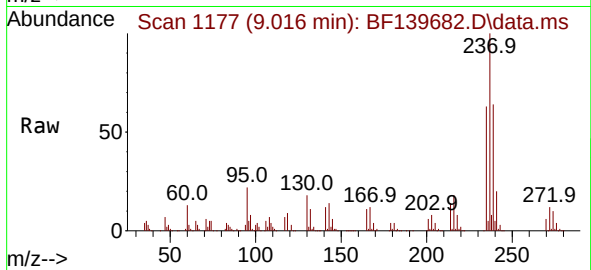
#41
Hexachlorocyclopentadiene
Concen: 183.028 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

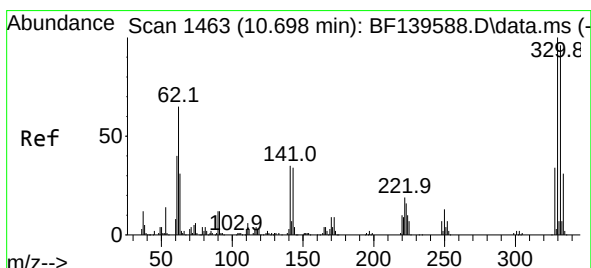
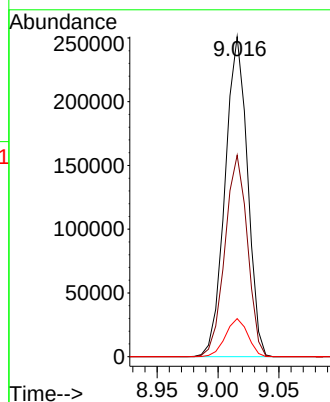
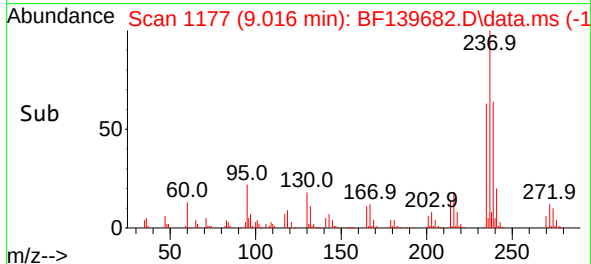


Tgt Ion:237 Resp: 321749
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 11.9 0.0 32.1

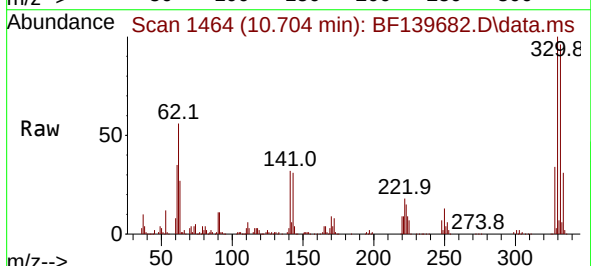
Manual Integrations

APPROVED

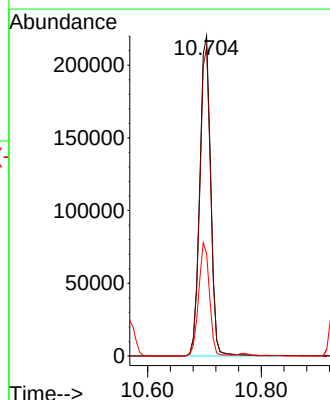
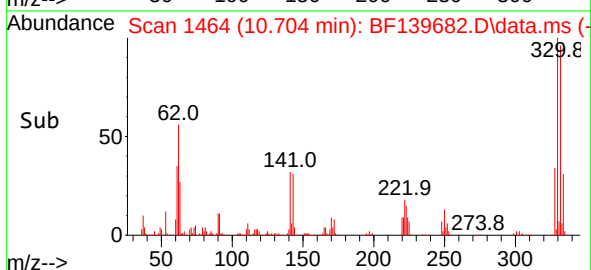
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

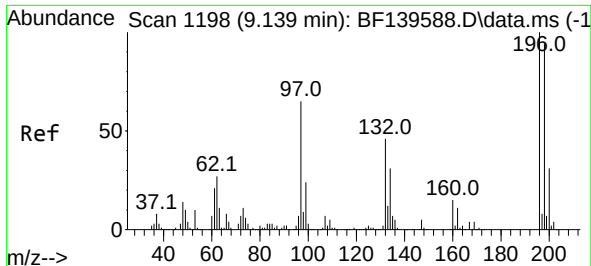


#42
2,4,6-Tribromophenol
Concen: 148.341 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:330 Resp: 295646
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 34.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 51.309 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:196 Resp: 198300

Ion Ratio Lower Upper

196 100

198 96.3 75.2 112.8

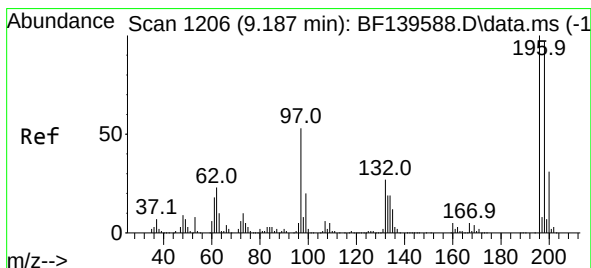
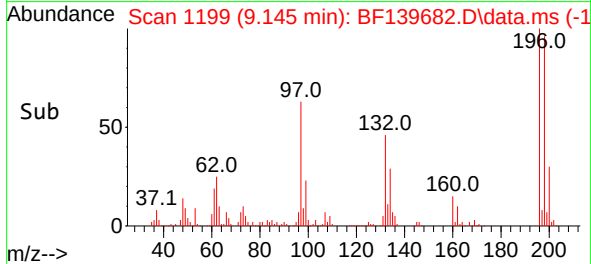
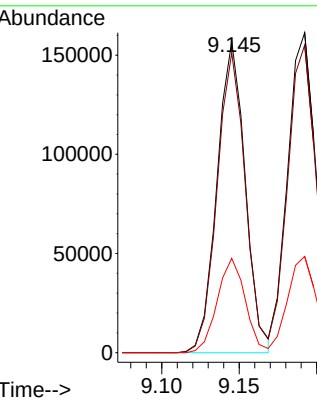
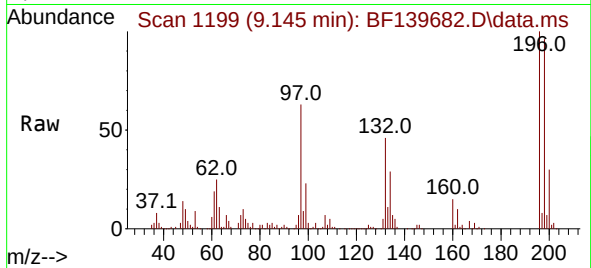
200 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#44

2,4,5-Trichlorophenol

Concen: 50.417 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:196 Resp: 210134

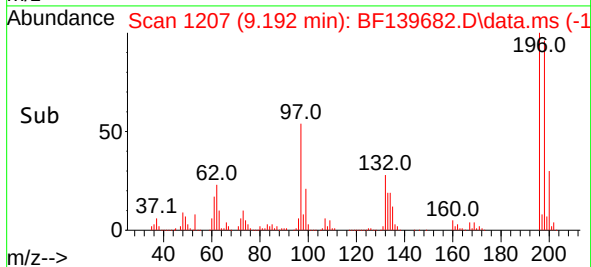
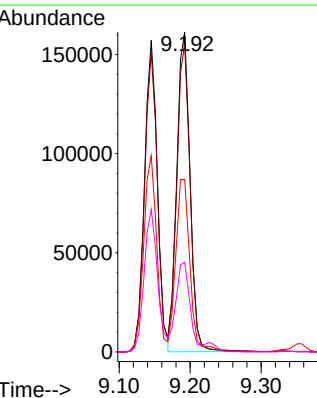
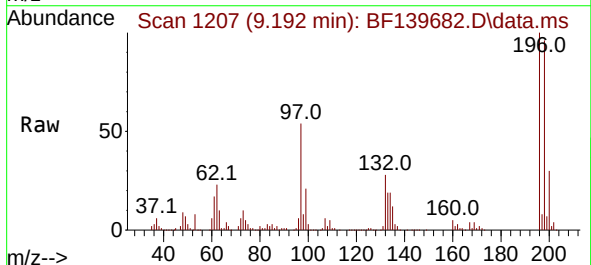
Ion Ratio Lower Upper

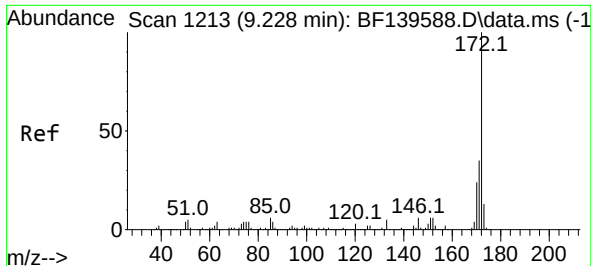
196 100

198 96.2 77.5 116.3

97 53.9 43.1 64.7

132 28.0 22.2 33.4





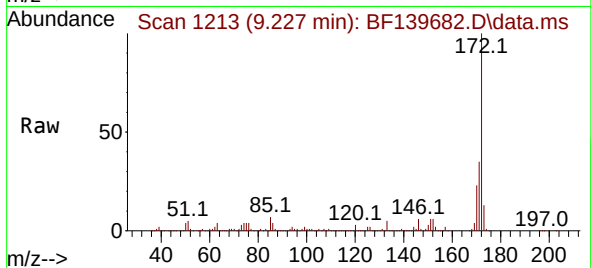
#45
2-Fluorobiphenyl
Concen: 93.688 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



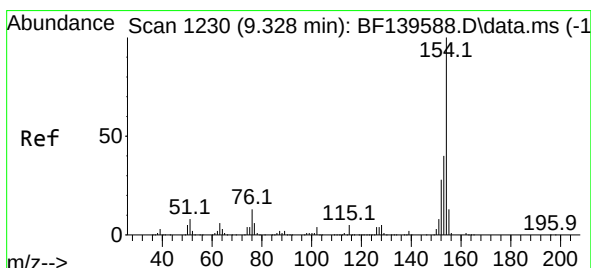
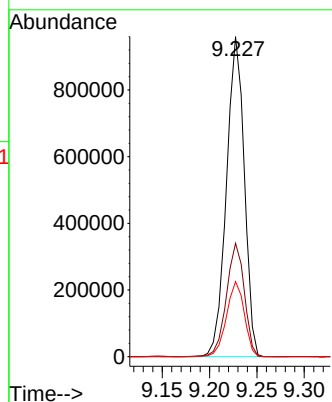
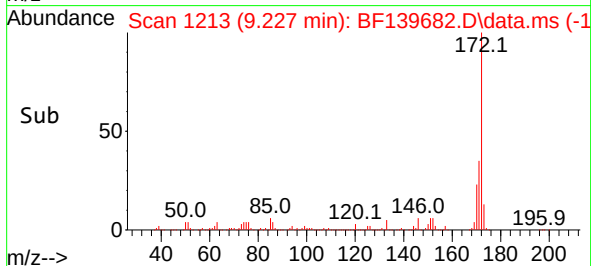
Tgt Ion:172 Resp: 125995
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.5 18.8 28.2

Manual Integrations

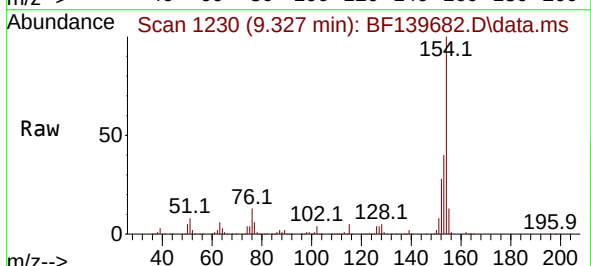
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

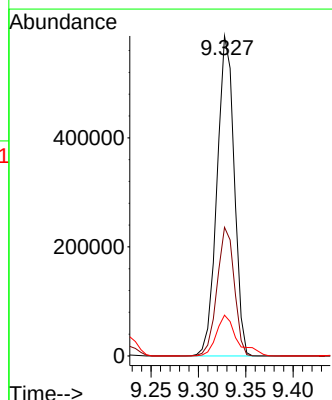
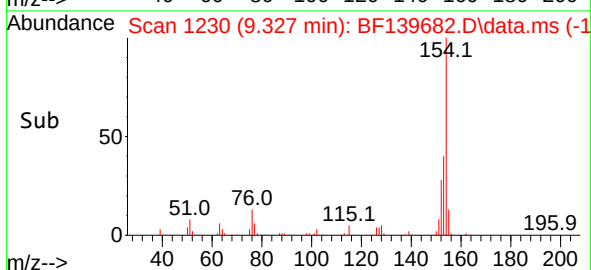
Supervised By :mohammad ahmed 10/09/2024

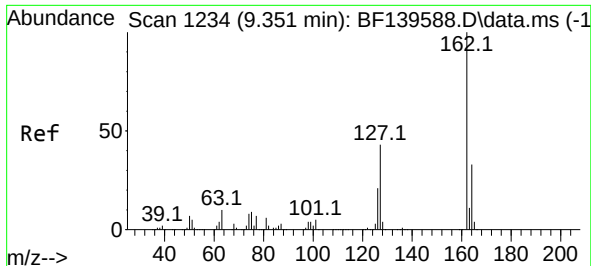


#46
1,1'-Biphenyl
Concen: 48.277 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:154 Resp: 741322
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.8 0.0 32.6





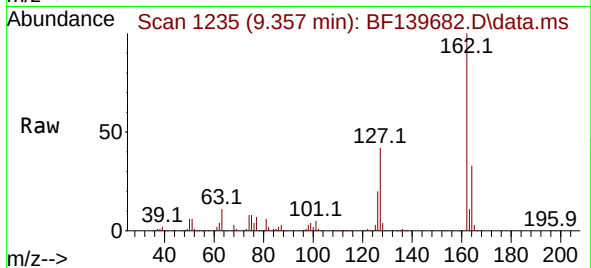
#47
2-Chloronaphthalene
Concen: 48.470 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

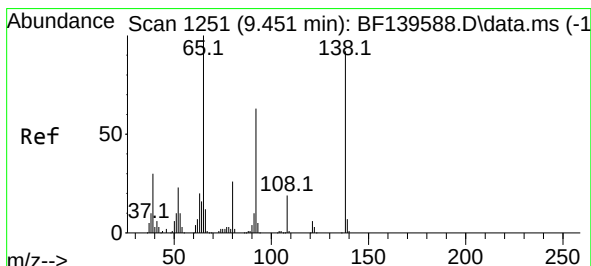
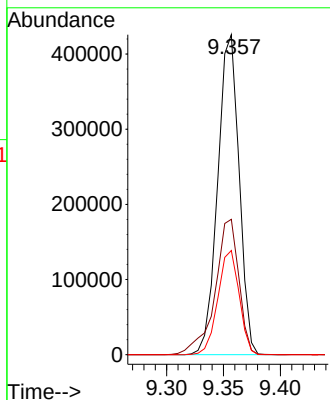
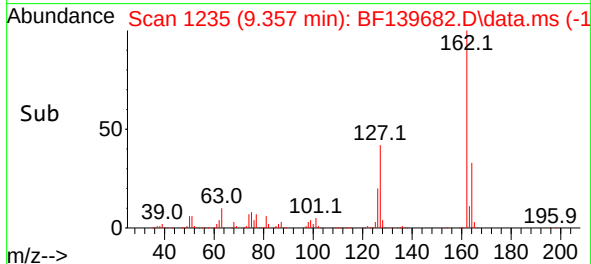
PB163898BS



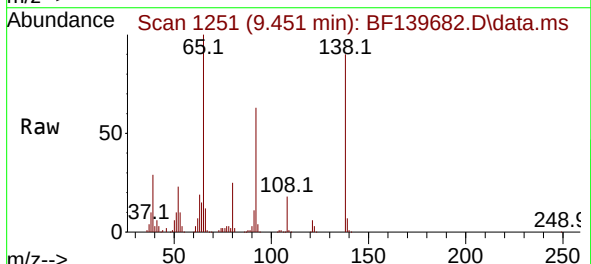
Tgt Ion:162 Resp: 55797
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.5 26.1 39.1

Manual Integrations
APPROVED

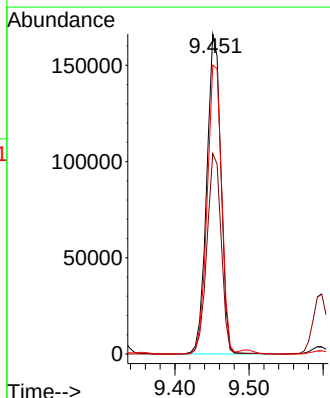
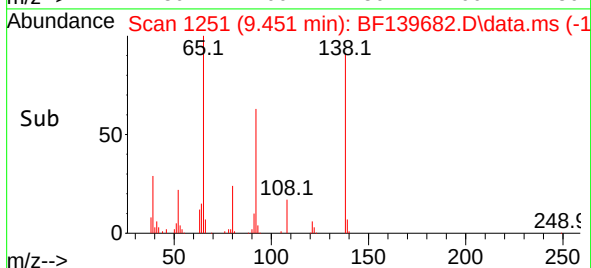
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

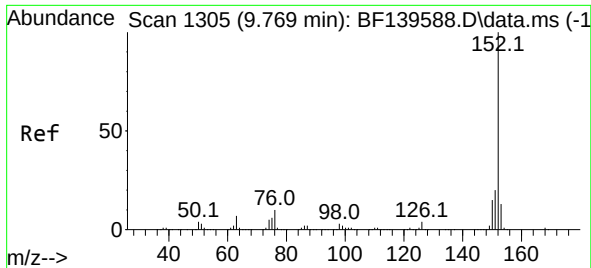


#48
2-Nitroaniline
Concen: 53.515 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion: 65 Resp: 221144
Ion Ratio Lower Upper
65 100
92 62.6 50.0 75.0
138 90.2 73.8 110.8





#49
Acenaphthylene
Concen: 53.465 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

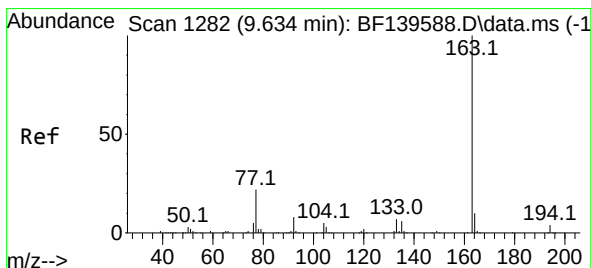
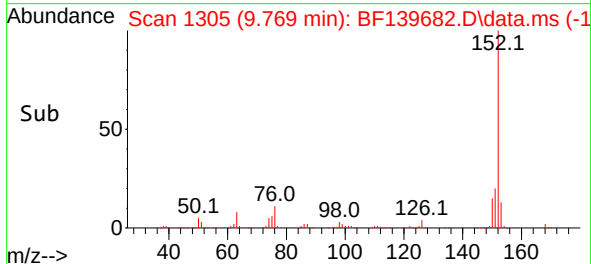
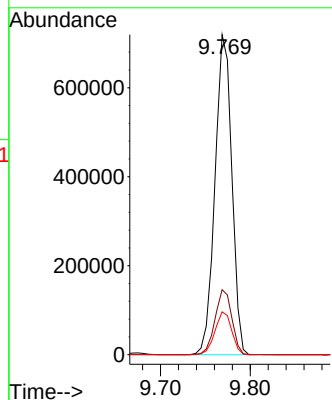
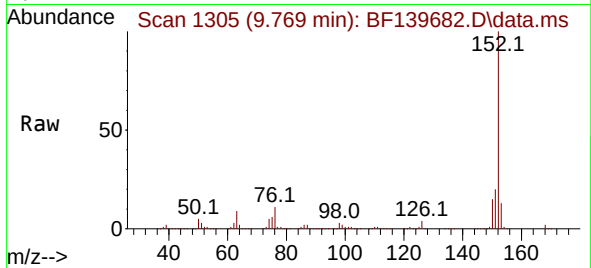
PB163898BS

Tgt Ion:152 Resp: 936004
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations

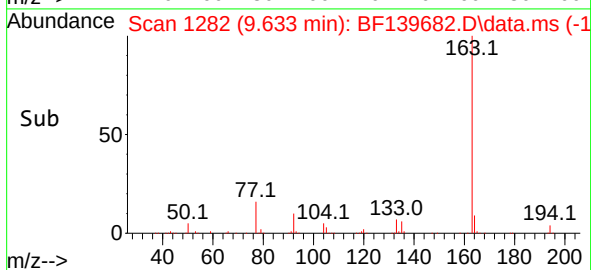
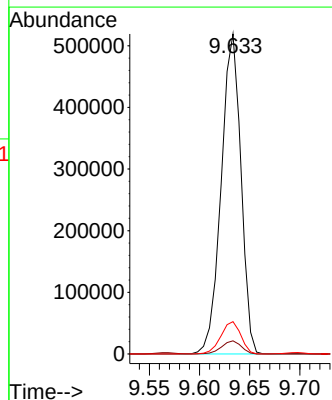
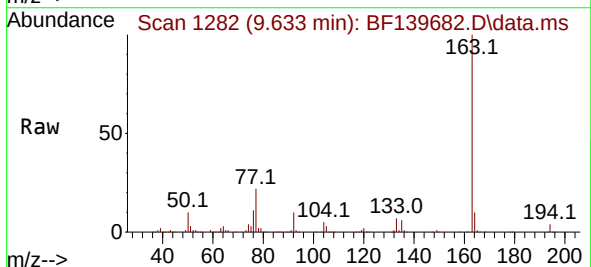
APPROVED

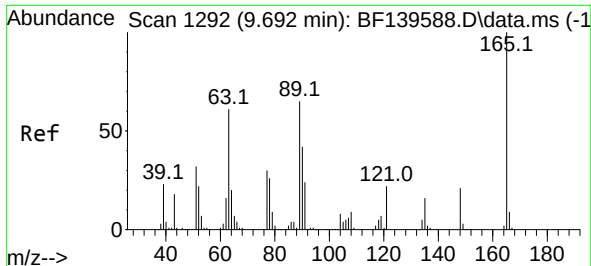
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#50
Dimethylphthalate
Concen: 52.530 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:163 Resp: 709940
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: 49.897 ng

RT: 9.698 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:165 Resp: 15233

Ion Ratio Lower Upper

165 100

63 66.4 56.7 85.1

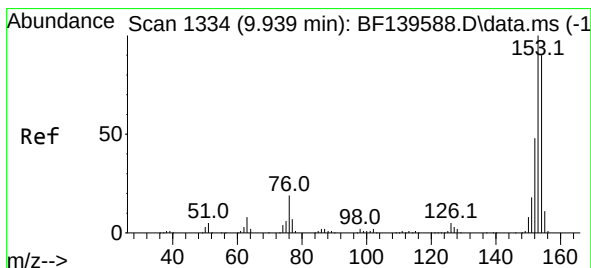
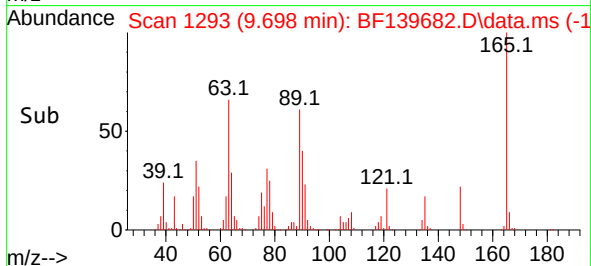
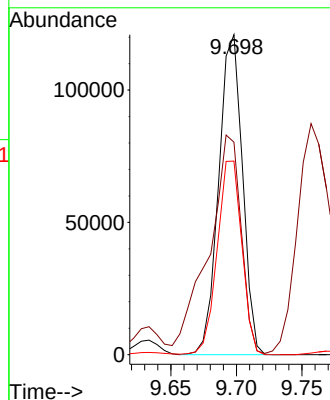
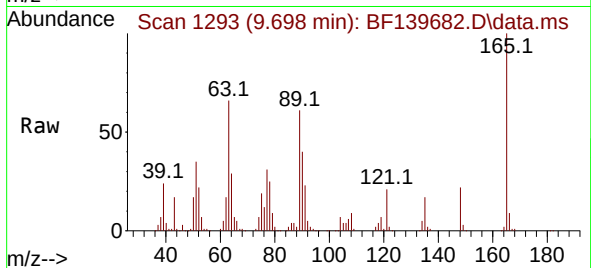
89 60.5 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#52

Acenaphthene

Concen: 56.196 ng m

RT: 9.939 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

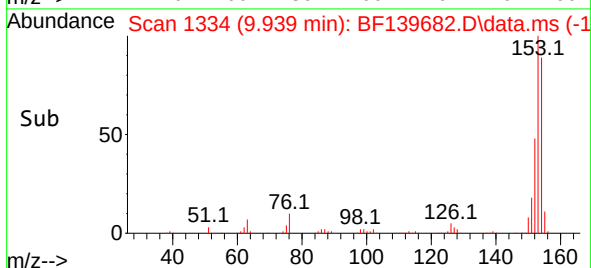
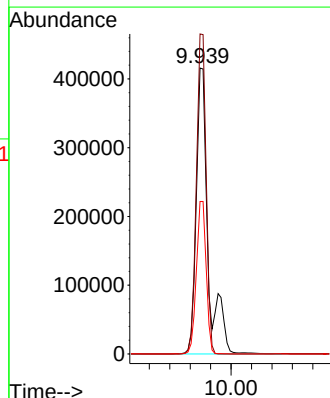
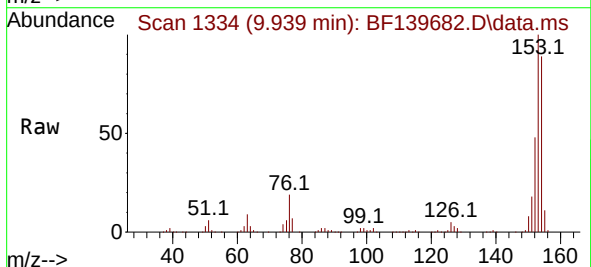
Tgt Ion:154 Resp: 675390

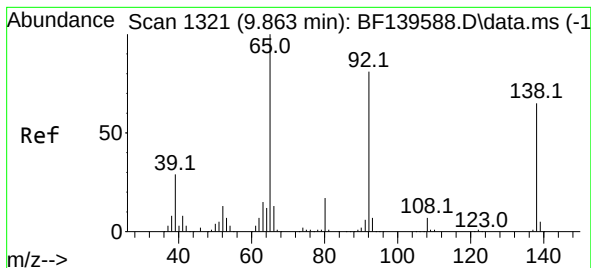
Ion Ratio Lower Upper

154 100

153 111.9 88.8 133.2

152 53.3 42.5 63.7





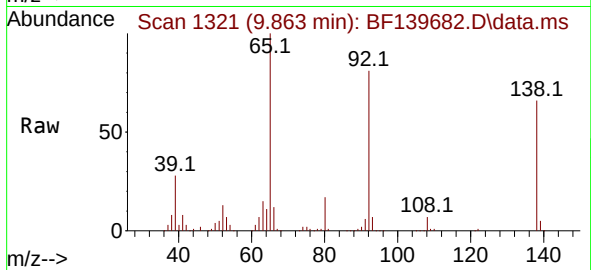
#53
3-Nitroaniline
Concen: 38.925 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

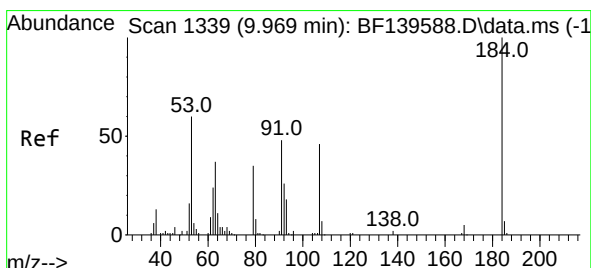
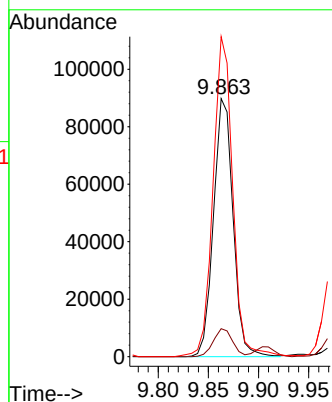
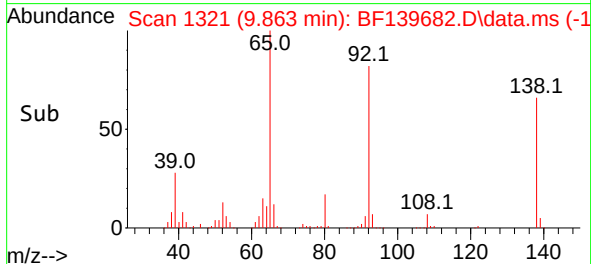


Tgt Ion:138 Resp: 121440
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 124.0 100.0 150.0

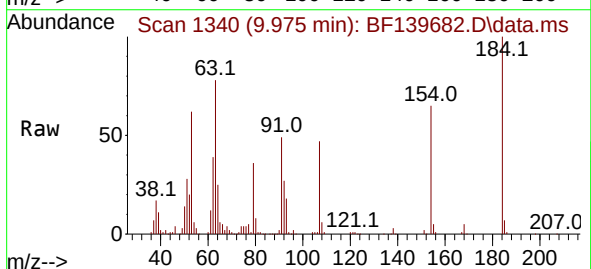
Manual Integrations

APPROVED

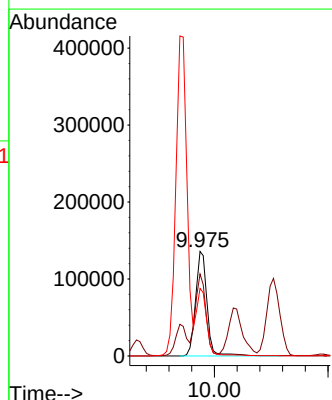
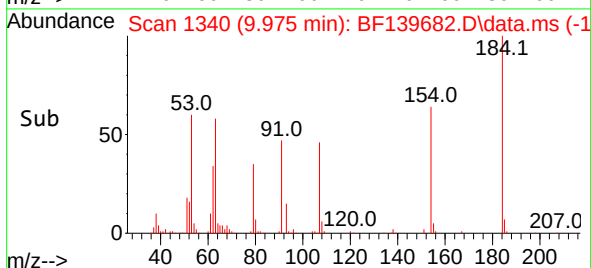
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

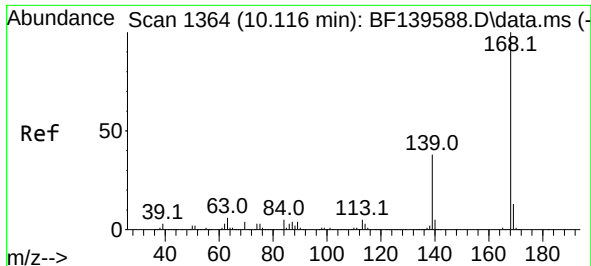


#54
2,4-Dinitrophenol
Concen: 116.732 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



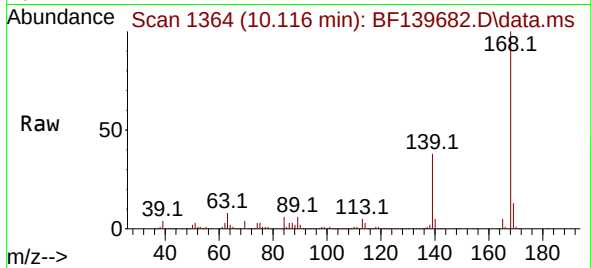
Tgt Ion:184 Resp: 191683
Ion Ratio Lower Upper
184 100
63 78.3 61.7 92.5
154 64.6 53.0 79.4





#55
Dibenzenofuran
Concen: 50.921 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

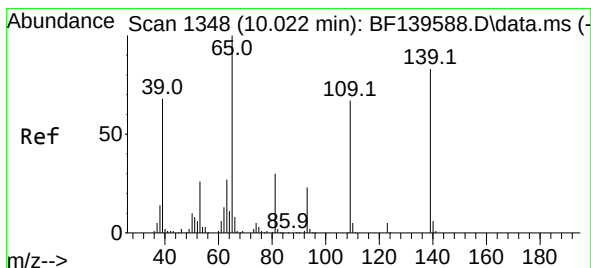
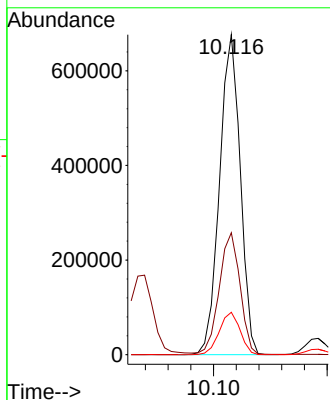
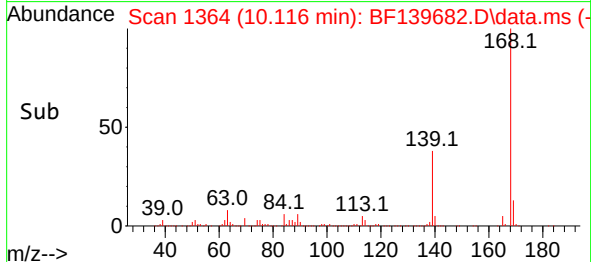
Instrument :
BNA_F
ClientSampleId :
PB163898BS



Tgt Ion:168 Resp: 85686
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.3 10.7 16.1

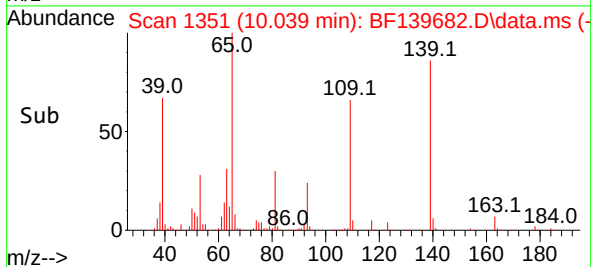
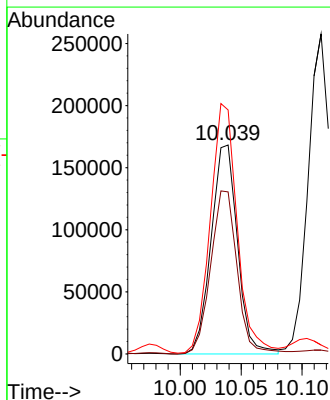
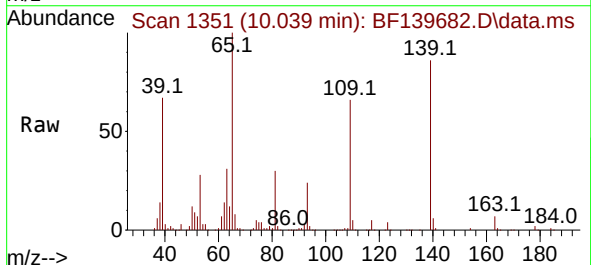
Manual Integrations
APPROVED

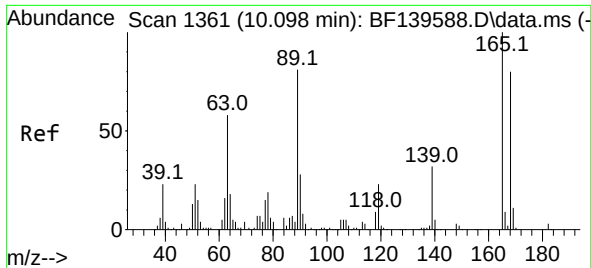
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 106.773 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.017 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:139 Resp: 254032
Ion Ratio Lower Upper
139 100
109 77.5 60.3 100.3
65 116.7 100.8 140.8





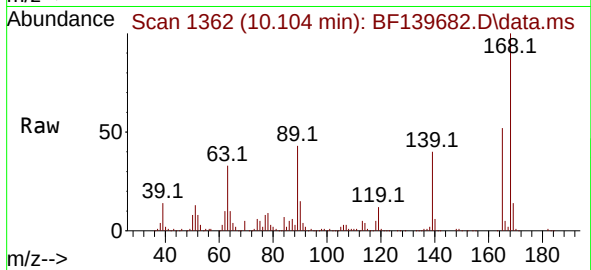
#57
2,4-Dinitrotoluene
Concen: 53.124 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



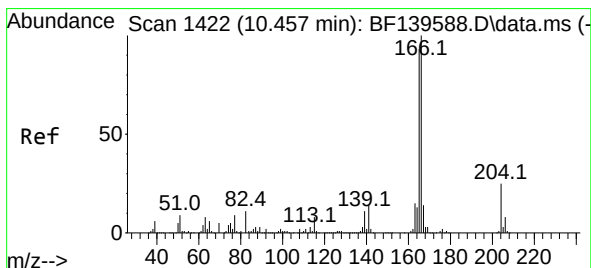
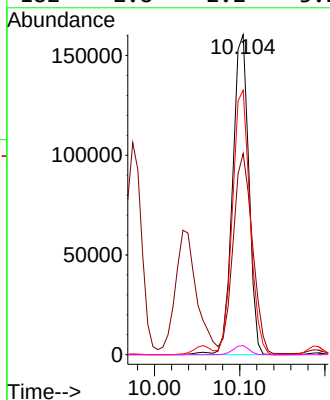
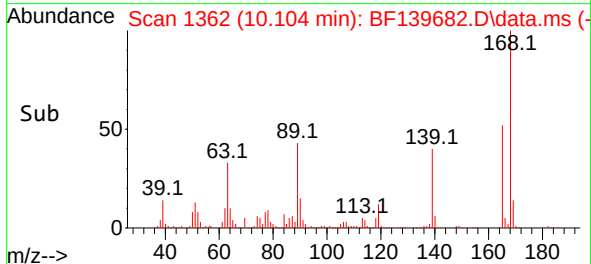
Tgt Ion:165 Resp: 211990
Ion Ratio Lower Upper
165 100
63 62.9 46.9 70.3
89 82.6 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations

APPROVED

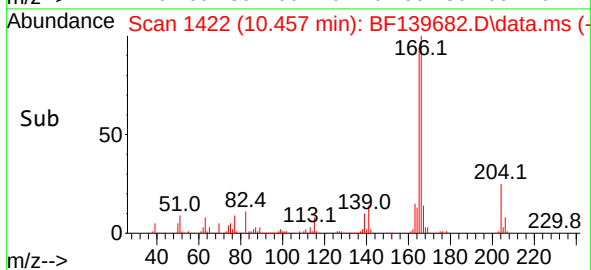
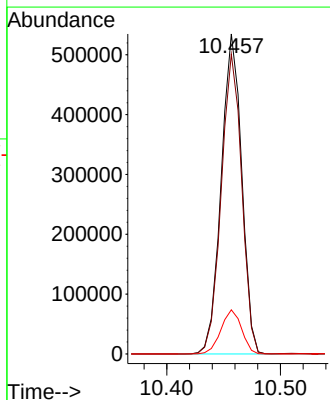
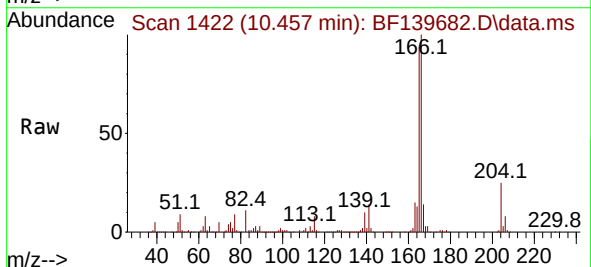
Reviewed By :Yogesh Patel 10/09/2024

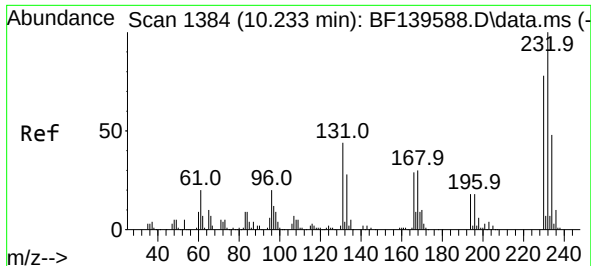
Supervised By :mohammad ahmed 10/09/2024



#58
Fluorene
Concen: 49.940 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:166 Resp: 669331
Ion Ratio Lower Upper
166 100
165 93.7 74.4 111.6
167 13.8 10.9 16.3





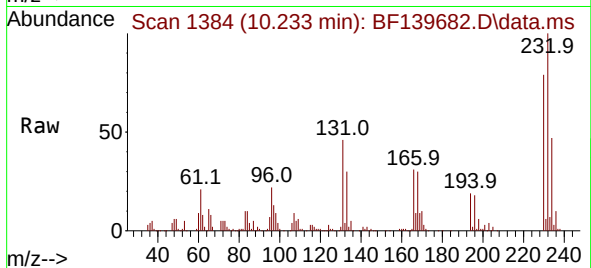
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.986 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



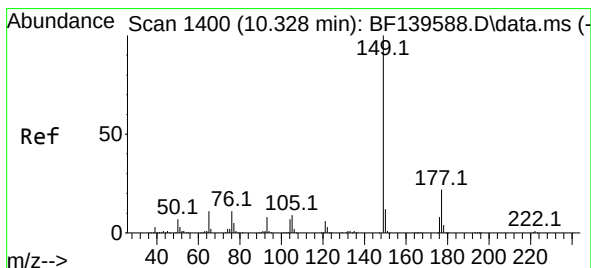
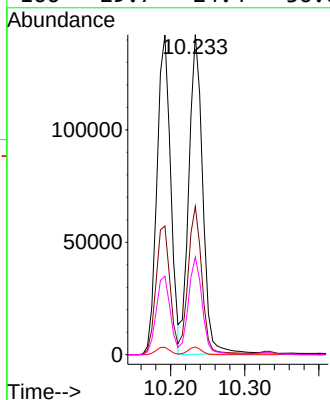
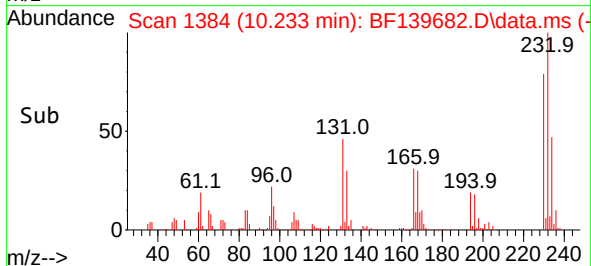
Tgt Ion:232 Resp: 185099
Ion Ratio Lower Upper
232 100
131 46.2 37.8 56.6
130 2.3 1.9 2.9
166 29.7 24.4 36.6

Manual Integrations

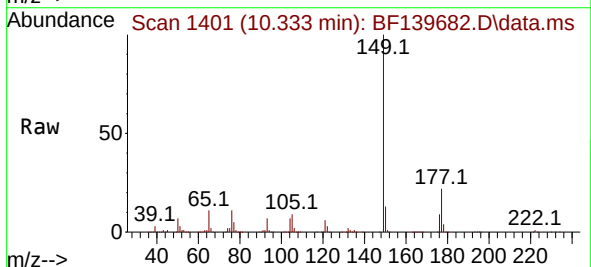
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

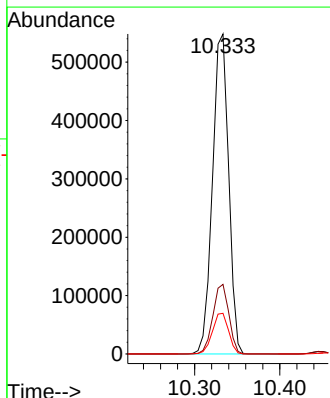
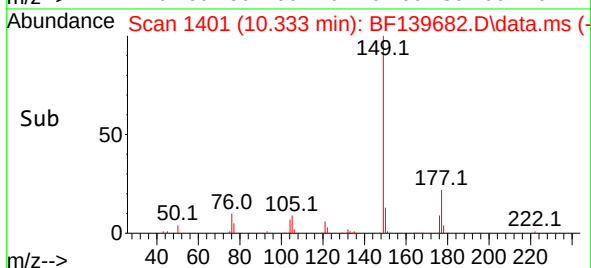
Supervised By :mohammad ahmed 10/09/2024

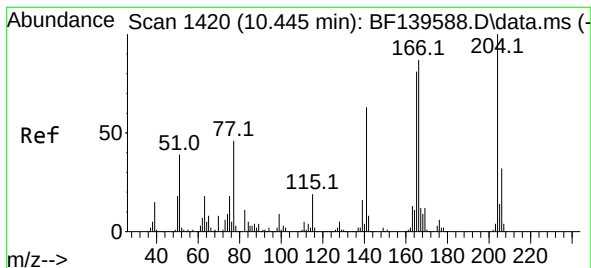


#60
Diethylphthalate
Concen: 51.655 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



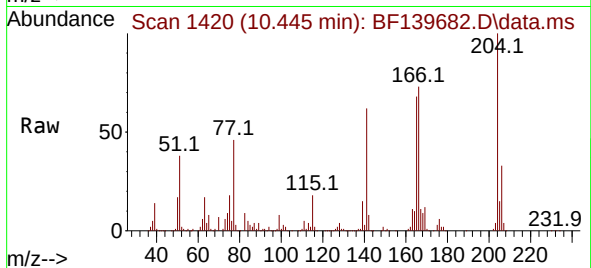
Tgt Ion:149 Resp: 721070
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.963 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

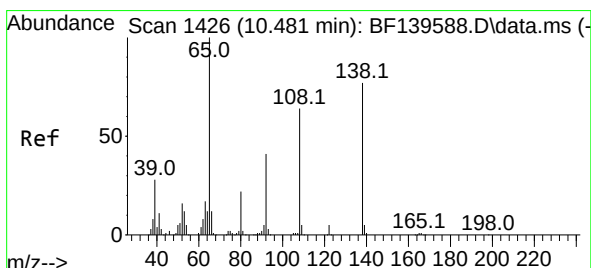
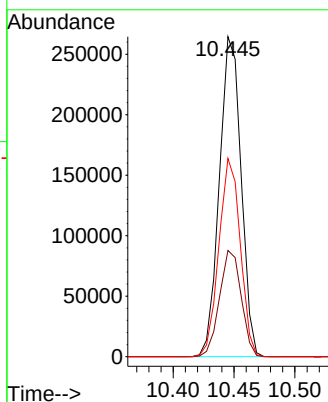
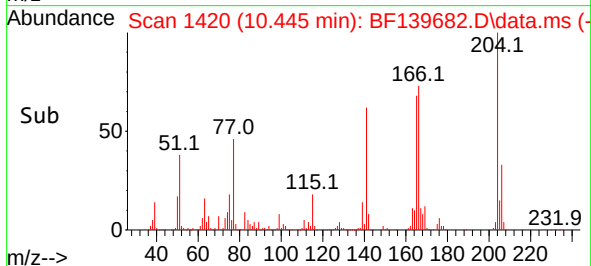
Instrument :
BNA_F
ClientSampleId :
PB163898BS



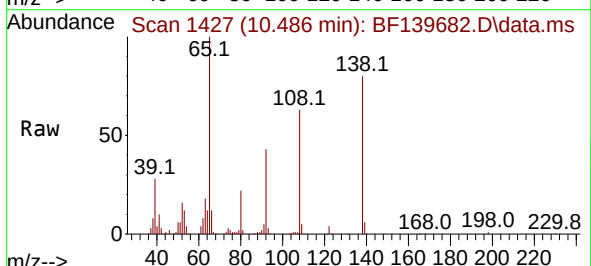
Tgt Ion:204 Resp: 32830
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 62.0 50.5 75.7

Manual Integrations
APPROVED

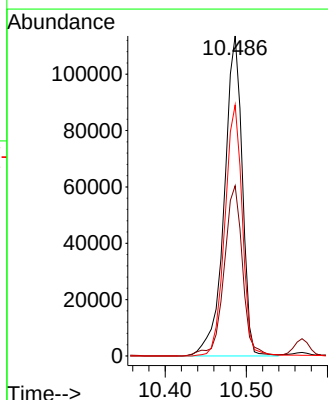
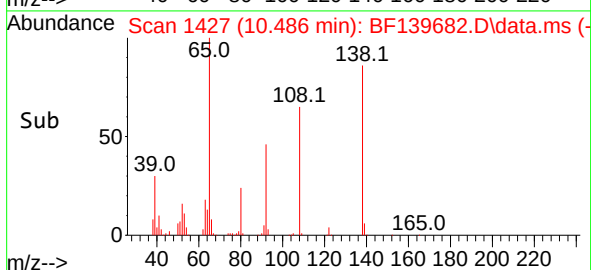
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

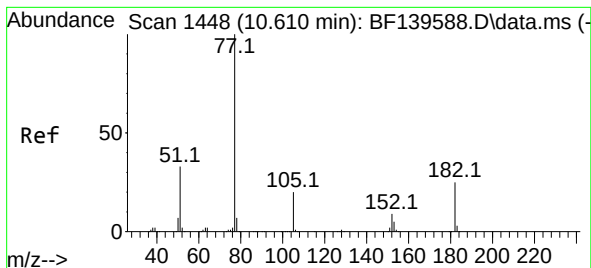


#62
4-Nitroaniline
Concen: 54.956 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:138 Resp: 175377
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 78.4 62.1 102.1





#63

Azobenzene

Concen: 51.729 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF139682.D

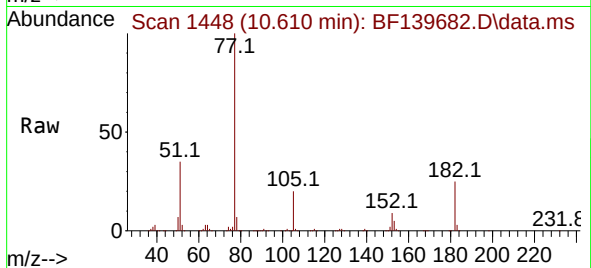
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



Tgt Ion: 77 Resp: 72618

Ion Ratio Lower Upper

77 100

182 24.6 4.2 44.2

105 19.9 0.0 39.6

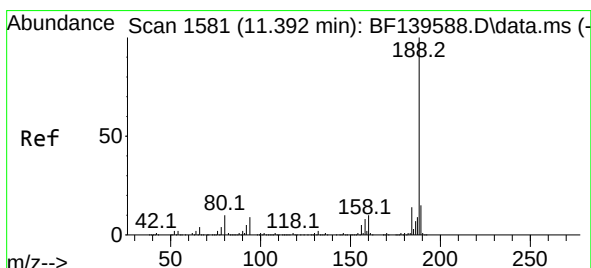
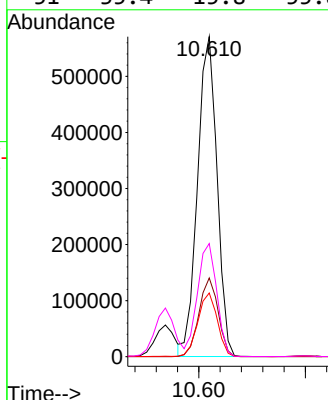
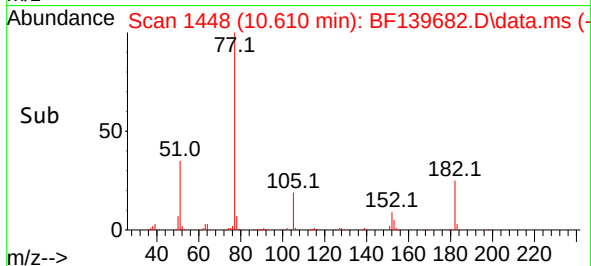
51 35.4 15.8 55.8

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: BF139682.D

Acq: 07 Oct 2024 13:09

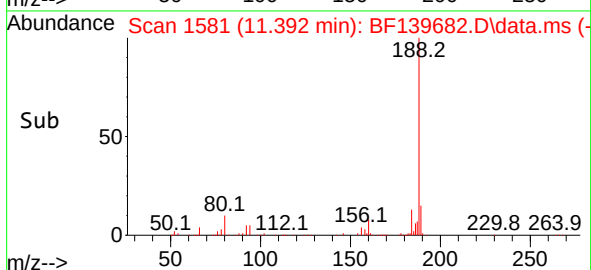
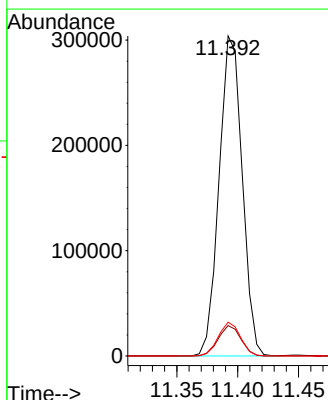
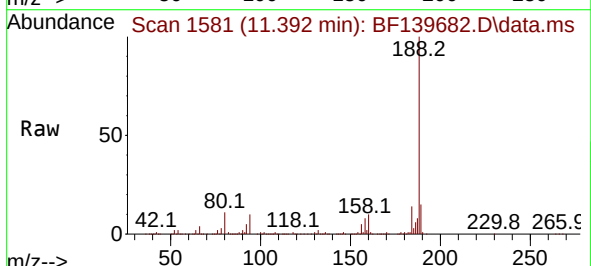
Tgt Ion:188 Resp: 401377

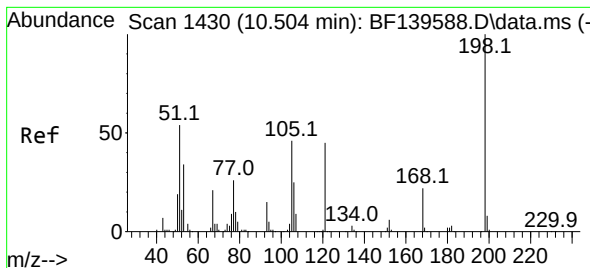
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.5 8.2 12.2





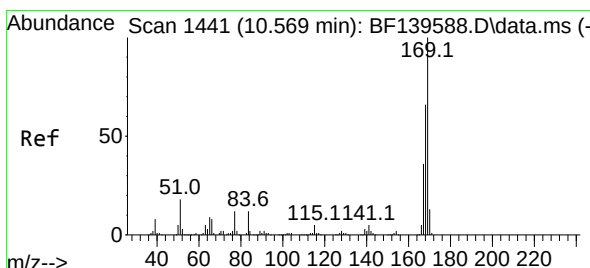
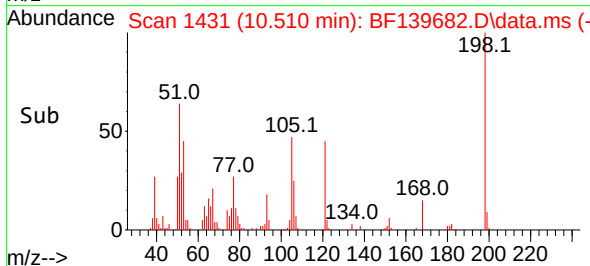
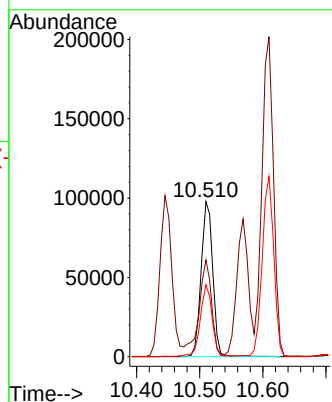
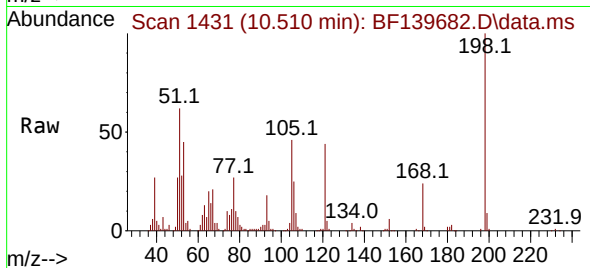
#65
4,6-Dinitro-2-methylphenol
Concen: 55.254 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :
BNA_F
ClientSampleId :
PB163898BS

Tgt Ion:198 Resp: 12525
Ion Ratio Lower Upper
198 100
51 62.3 43.0 83.0
105 46.3 26.6 66.6

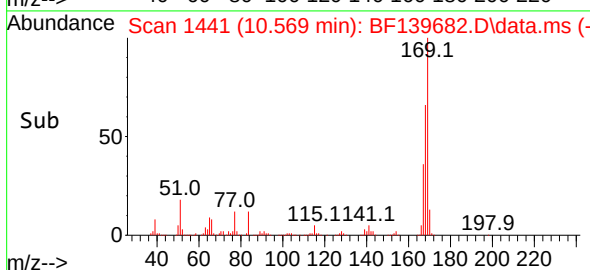
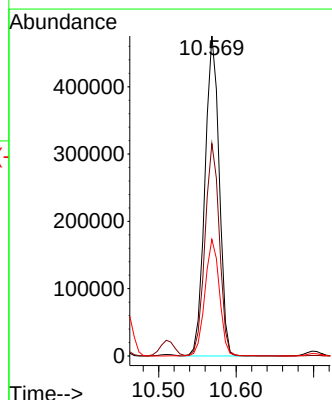
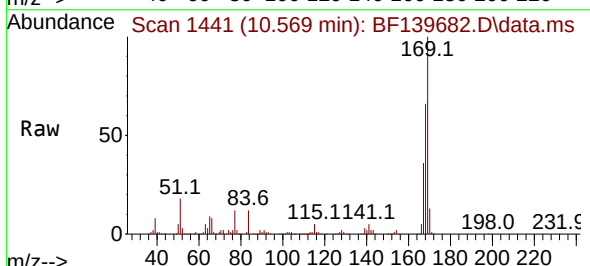
Manual Integrations
APPROVED

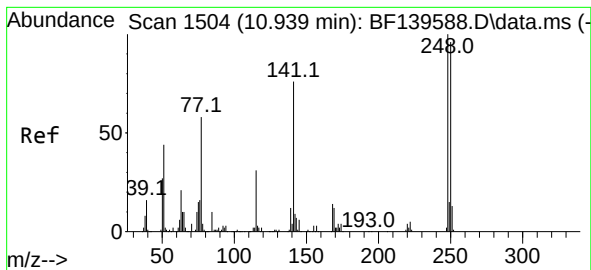
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 51.290 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:169 Resp: 606821
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.4 28.6 43.0





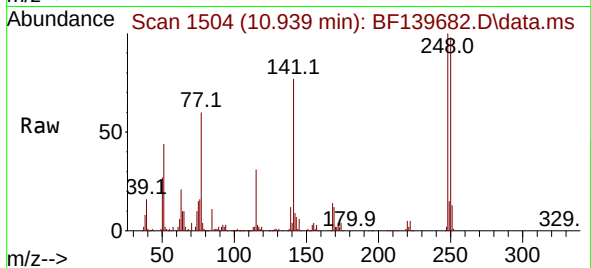
#67
4-Bromophenyl-phenylether
Concen: 48.967 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

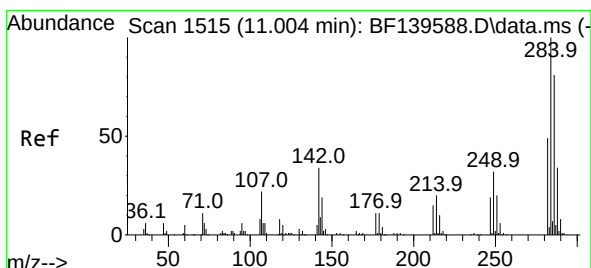
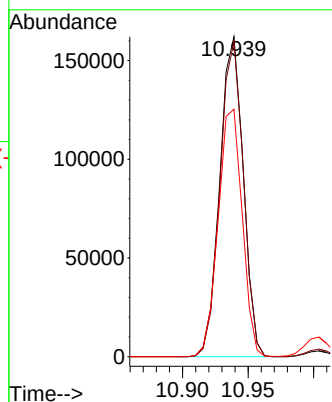
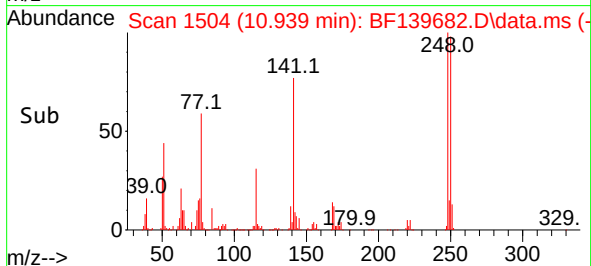


Tgt Ion:248 Resp: 201514
Ion Ratio Lower Upper
248 100
250 98.5 77.1 115.7
141 77.3 60.4 90.6

Manual Integrations

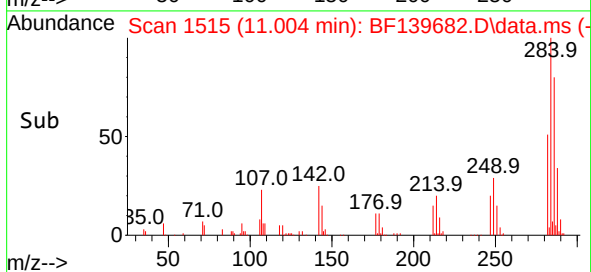
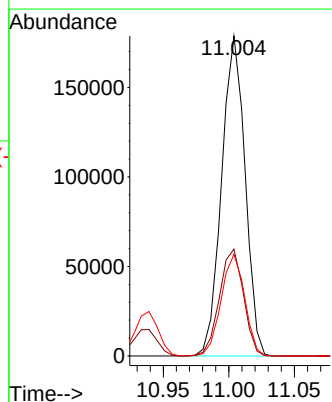
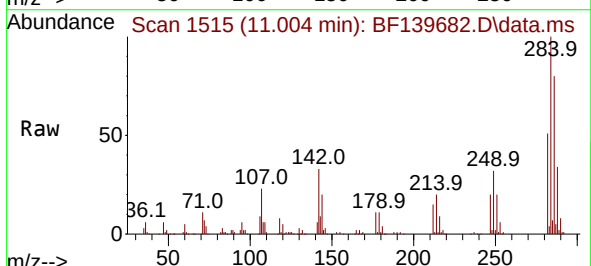
APPROVED

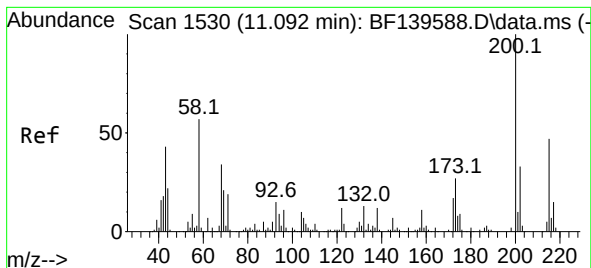
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#68
Hexachlorobenzene
Concen: 48.613 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:284 Resp: 221995
Ion Ratio Lower Upper
284 100
142 33.4 26.9 40.3
249 31.8 25.4 38.0





#69

Atrazine

Concen: 63.587 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139682.D

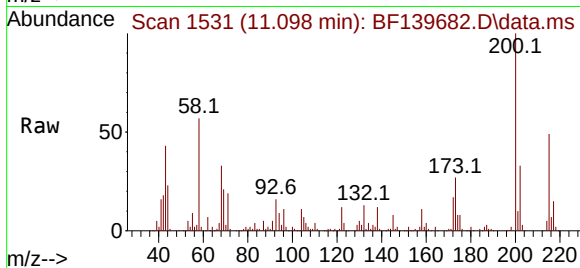
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



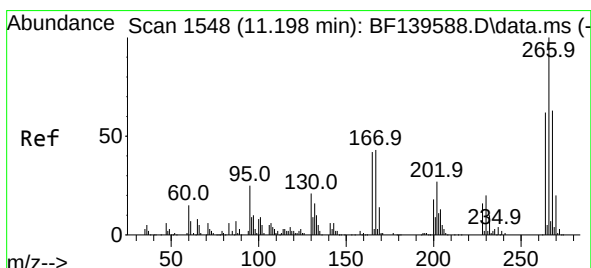
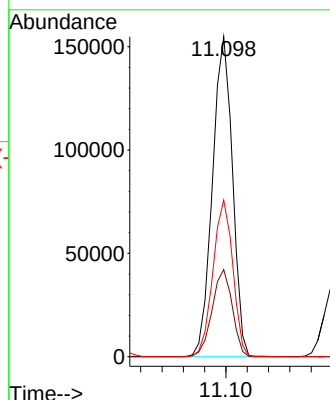
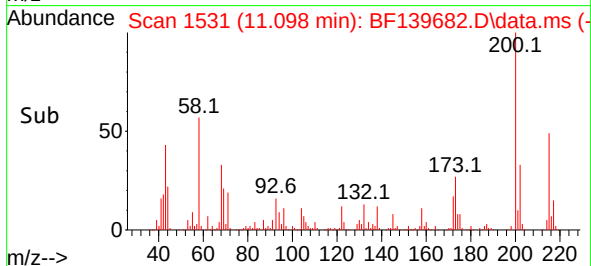
Tgt Ion:200	Resp: 20184
Ion Ratio	Lower Upper
200	100
173	27.2 6.7 46.7
215	49.0 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#70

Pentachlorophenol

Concen: 96.362 ng

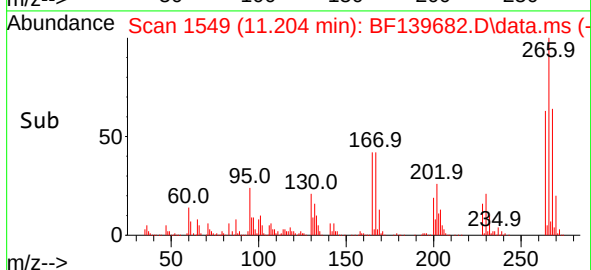
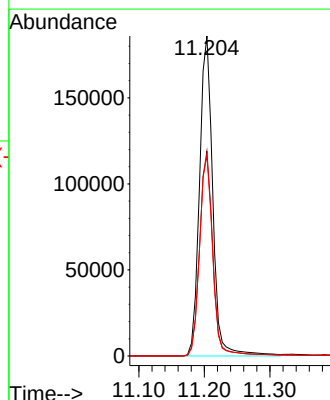
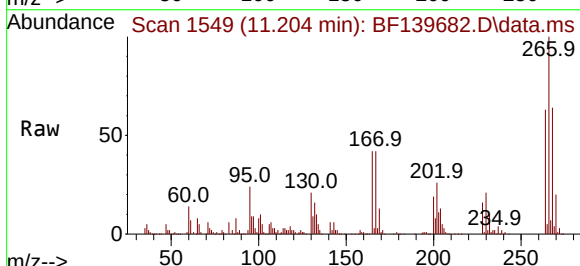
RT: 11.204 min Scan# 1549

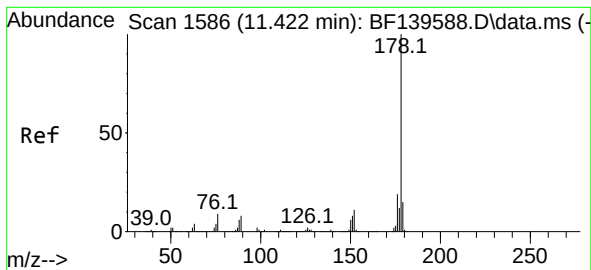
Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:266	Resp: 262023
Ion Ratio	Lower Upper
266	100
268	63.9 50.0 75.0
264	62.7 49.3 73.9





#71

Phenanthrene

Concen: 52.488 ng

RT: 11.421 min Scan# 1586

Delta R.T. -0.001 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:178 Resp: 99334

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

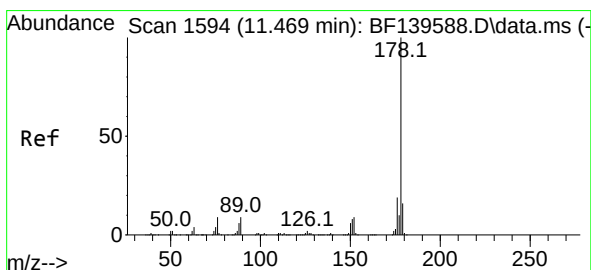
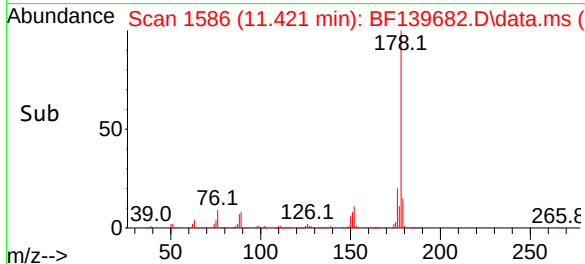
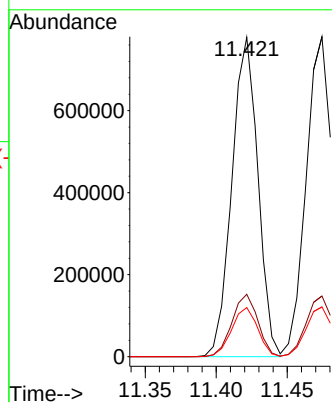
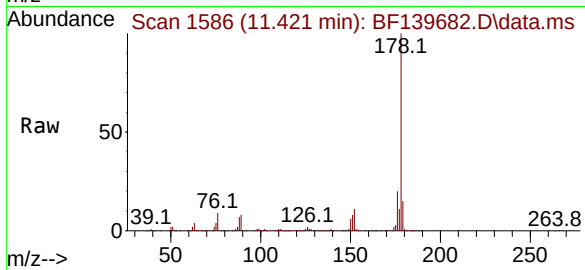
179 15.4 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#72

Anthracene

Concen: 53.632 ng

RT: 11.474 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

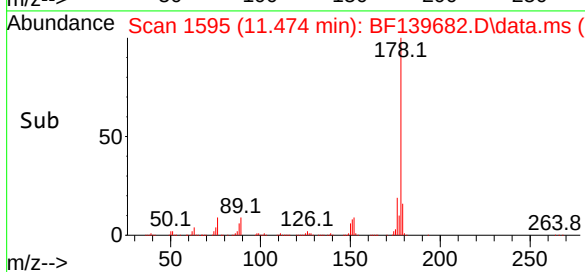
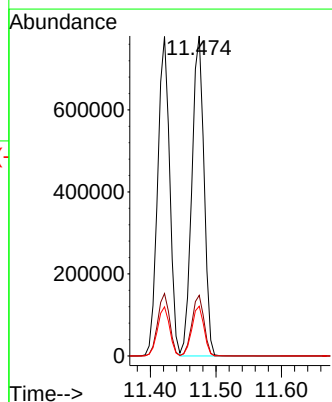
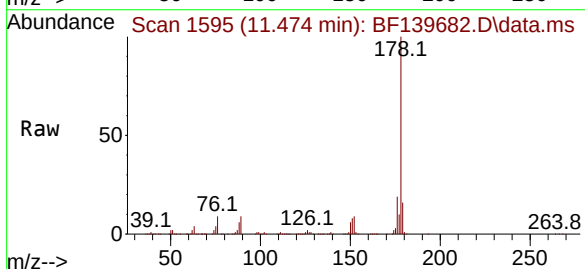
Tgt Ion:178 Resp: 1004132

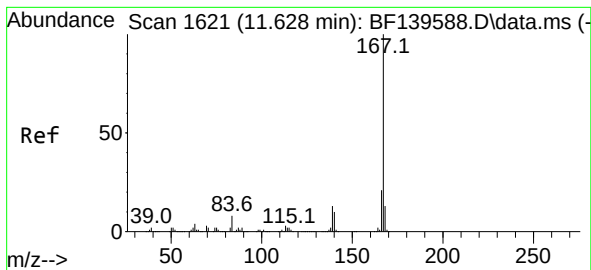
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

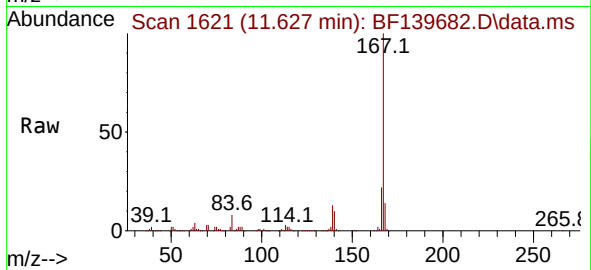
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 52.543 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09

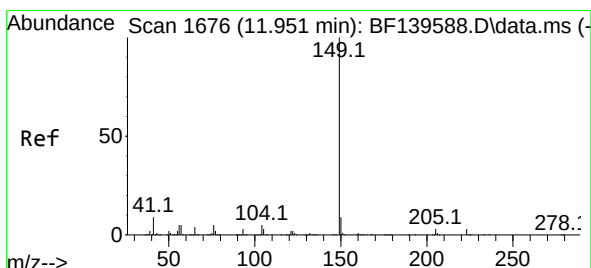
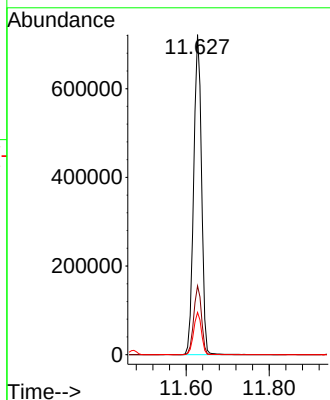
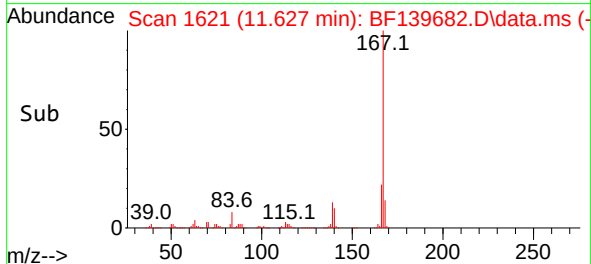
Instrument :
 BNA_F
 ClientSampleId :
 PB163898BS



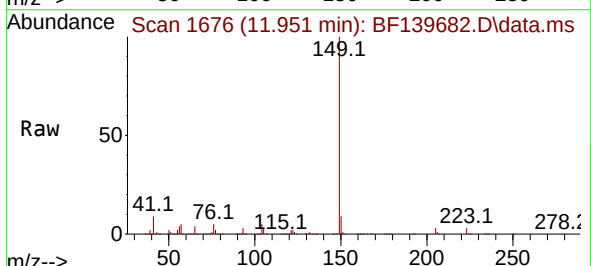
Tgt Ion:167 Resp: 94485
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.2 10.3 15.5

Manual Integrations
 APPROVED

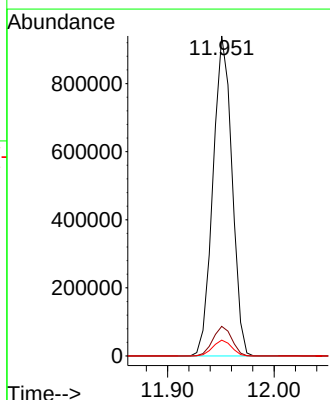
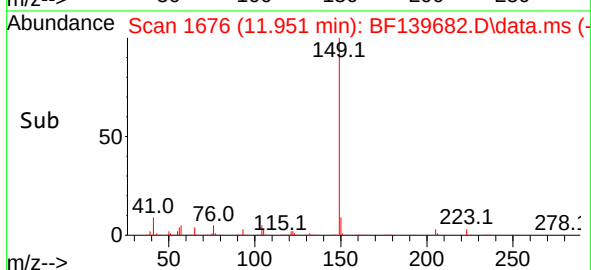
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

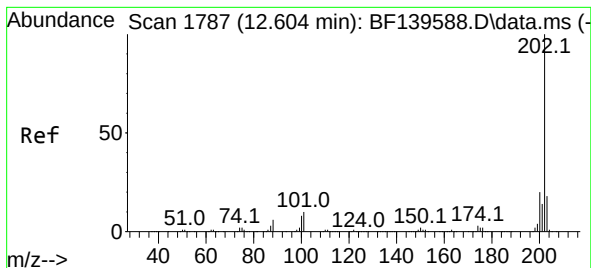


#74
 Di-n-butylphthalate
 Concen: 53.274 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09



Tgt Ion:149 Resp: 1164948
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 52.509 ng

RT: 12.610 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:202 Resp: 1086310

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

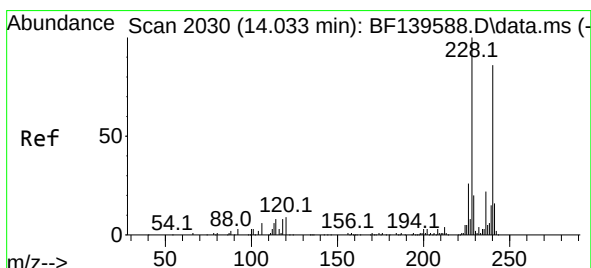
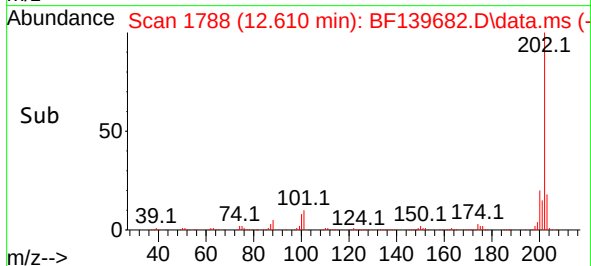
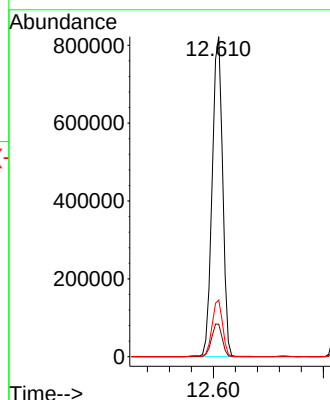
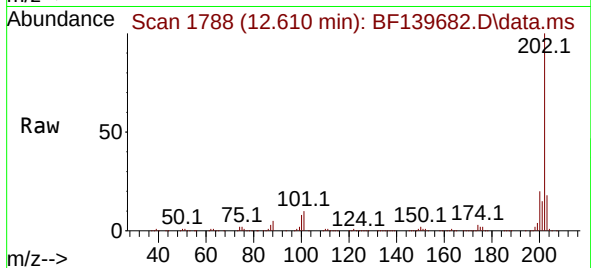
203 17.7 0.0 37.7

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: BF139682.D

Acq: 07 Oct 2024 13:09

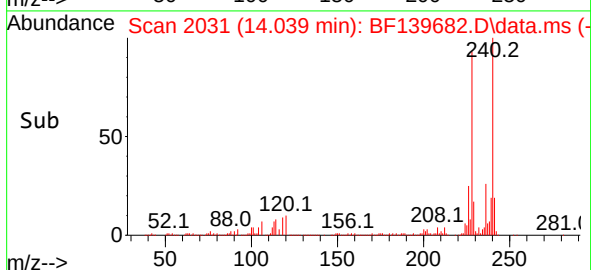
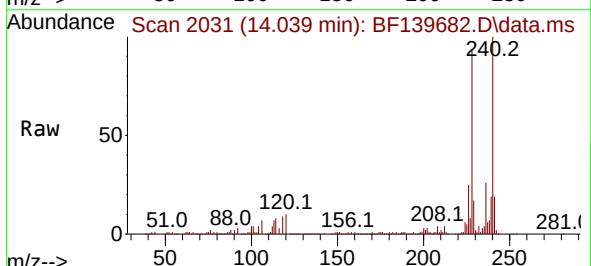
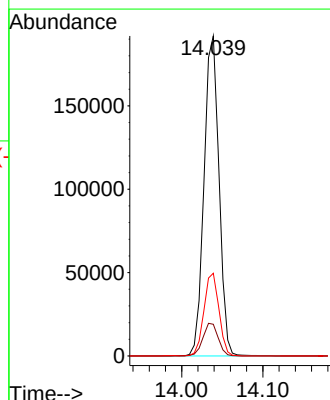
Tgt Ion:240 Resp: 245646

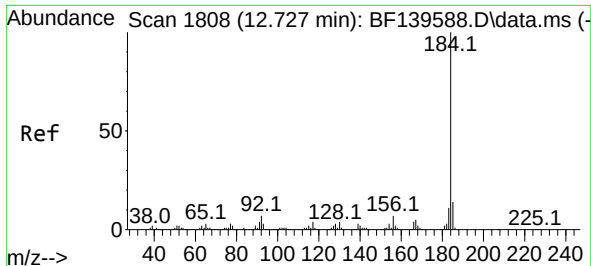
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

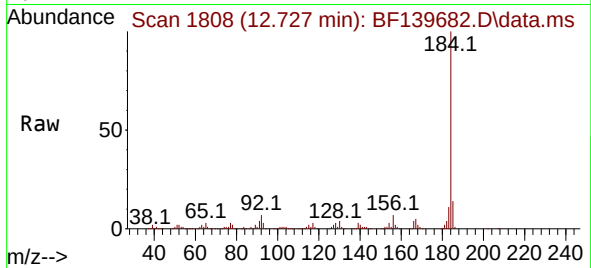
236 25.9 20.3 30.5





#77
Benzidine
Concen: 88.833 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

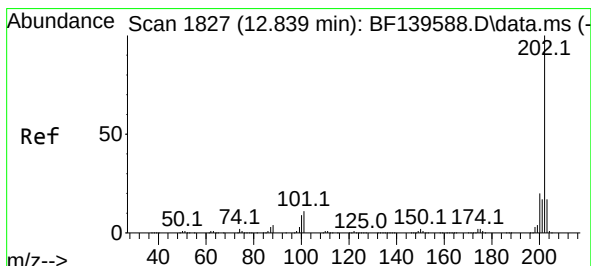
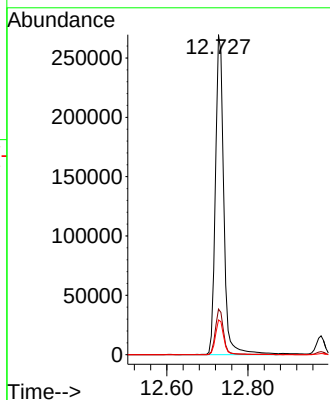
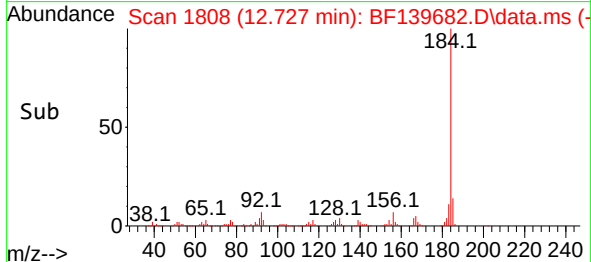
Instrument :
BNA_F
ClientSampleId :
PB163898BS



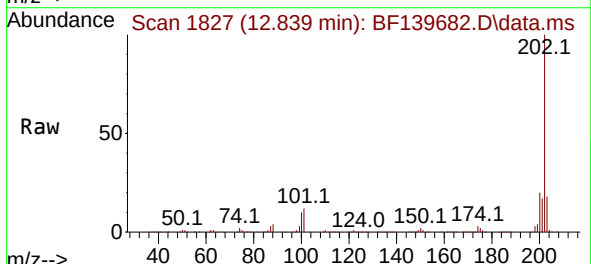
Tgt Ion:184 Resp: 38490
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 10.9 8.8 13.2

Manual Integrations
APPROVED

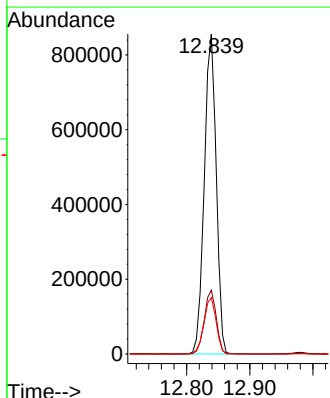
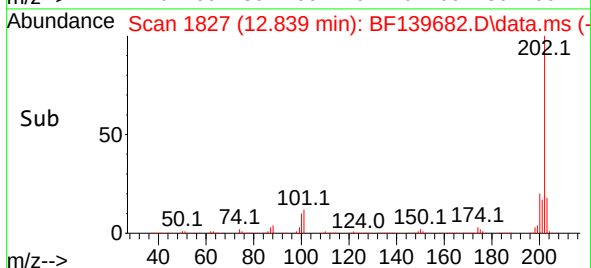
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

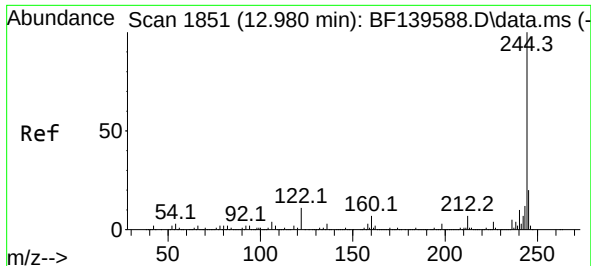


#78
Pyrene
Concen: 51.028 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:202 Resp: 1121093
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.6 13.8 20.8





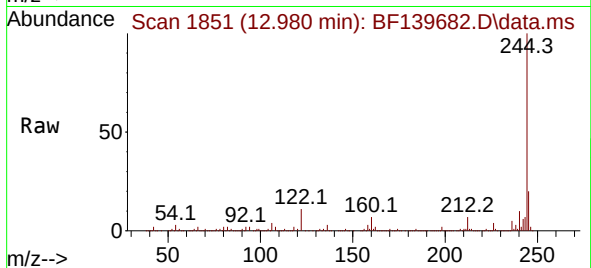
#79
 Terphenyl-d14
 Concen: 100.870 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



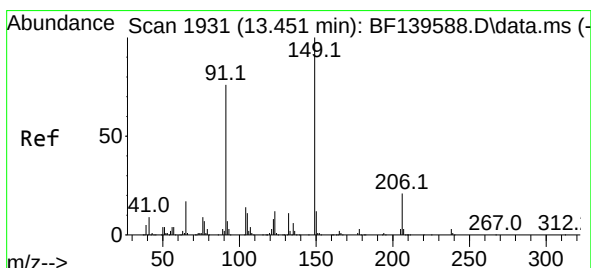
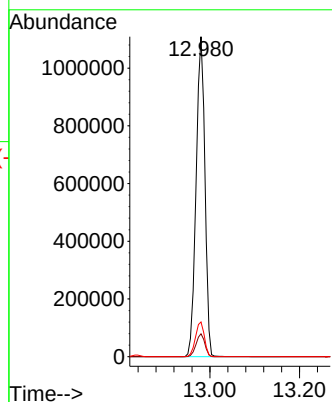
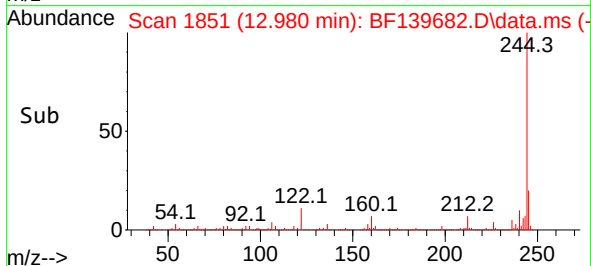
Tgt Ion:244 Resp: 151010
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.8 8.6 12.8

Manual Integrations

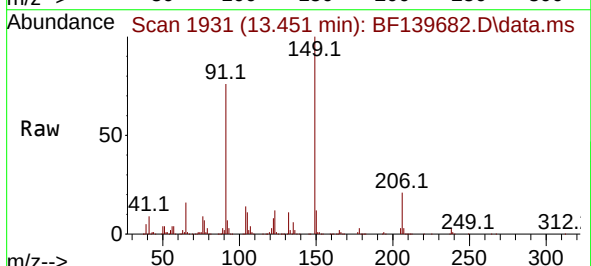
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

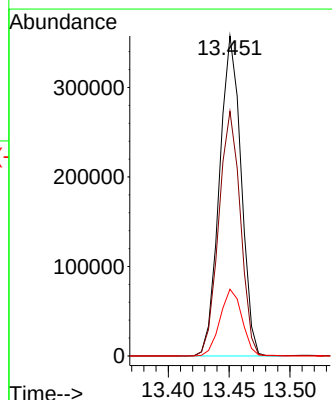
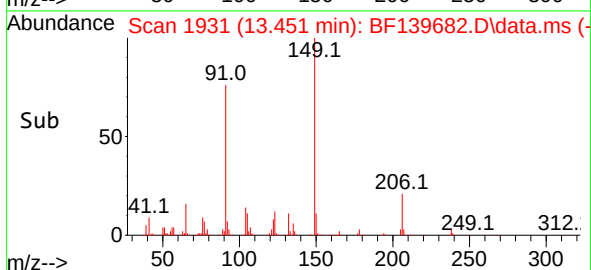
Supervised By :mohammad ahmed 10/09/2024

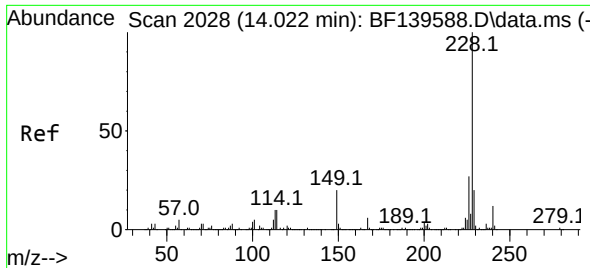


#80
 Butylbenzylphthalate
 Concen: 56.402 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139682.D
 Acq: 07 Oct 2024 13:09



Tgt Ion:149 Resp: 443244
 Ion Ratio Lower Upper
 149 100
 91 76.5 61.0 91.4
 206 20.9 16.6 24.8





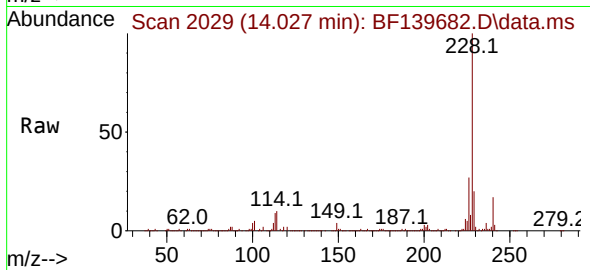
#81
Benzo(a)anthracene
Concen: 54.151 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS



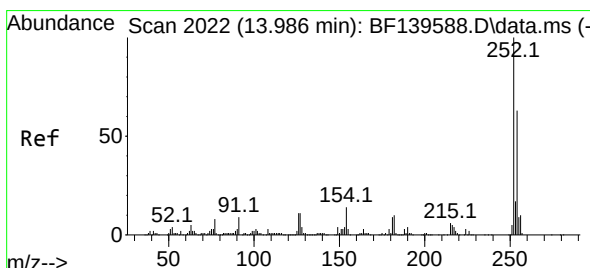
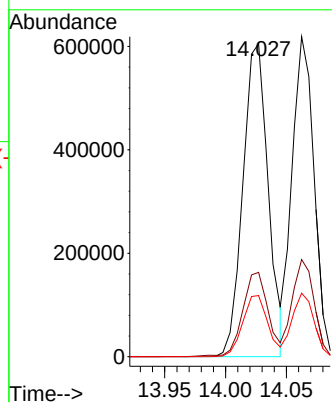
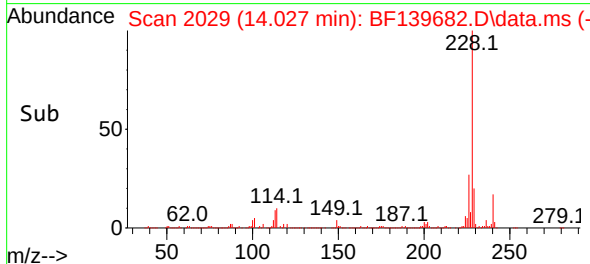
Tgt Ion:228 Resp: 87455
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.8

Manual Integrations

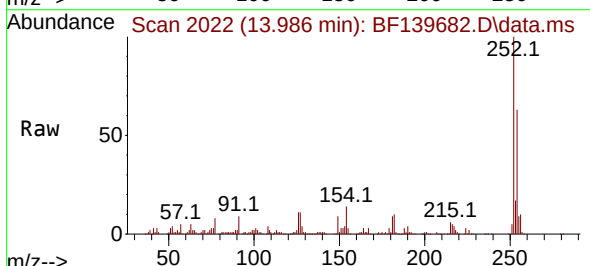
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

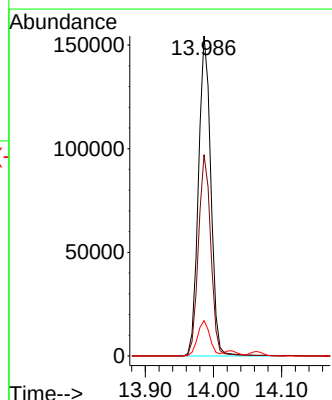
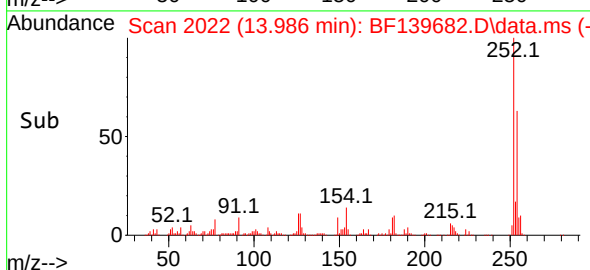
Supervised By :mohammad ahmed 10/09/2024

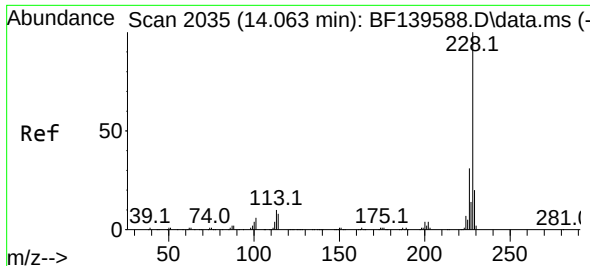


#82
3,3'-Dichlorobenzidine
Concen: 39.499 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:252 Resp: 195234
Ion Ratio Lower Upper
252 100
254 62.9 50.5 75.7
126 11.1 8.8 13.2





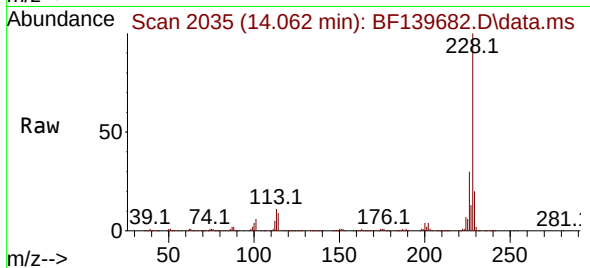
#83
Chrysene
Concen: 52.708 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

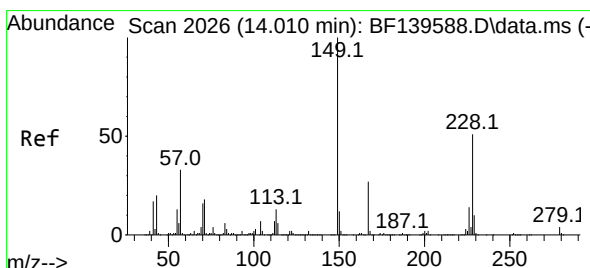
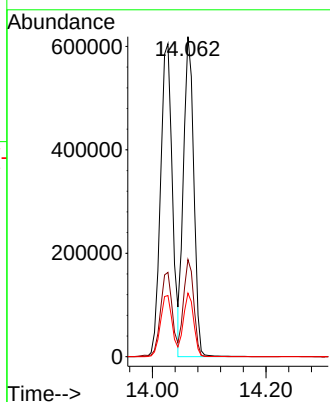
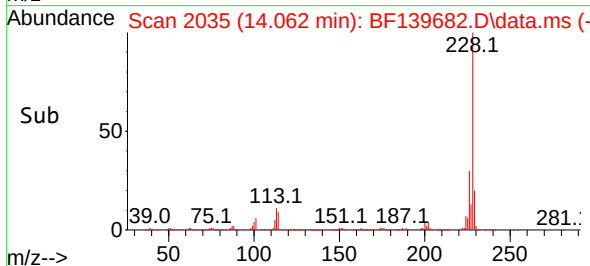


Tgt Ion:228 Resp: 778254
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.8 15.7 23.5

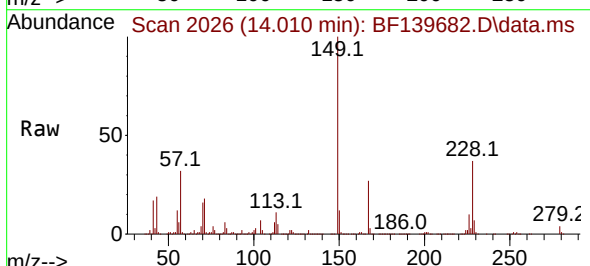
Manual Integrations

APPROVED

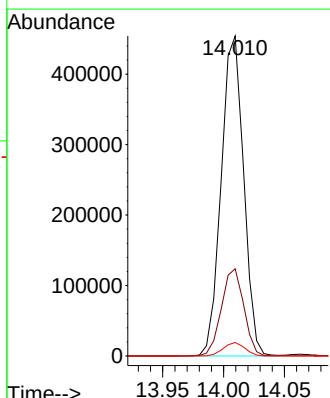
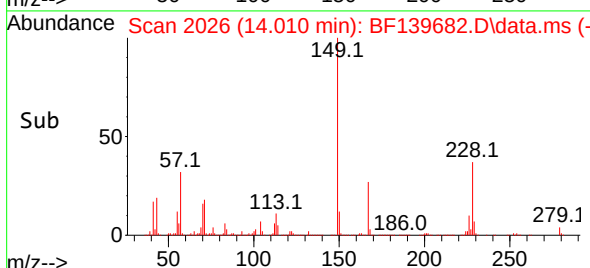
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

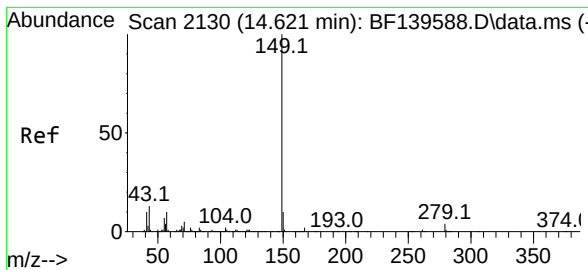


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.405 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



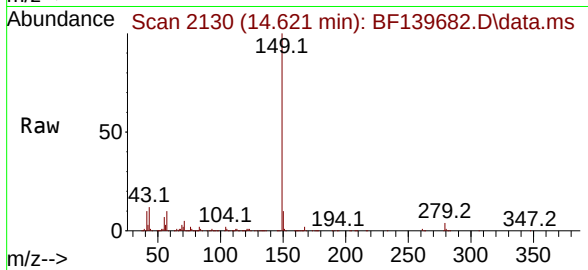
Tgt Ion:149 Resp: 582939
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 56.608 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

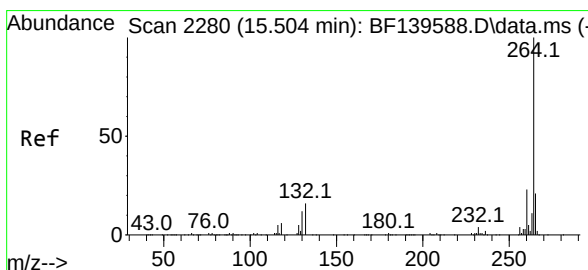
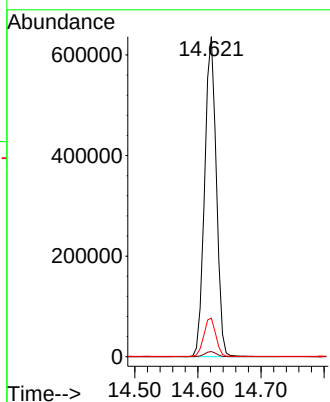
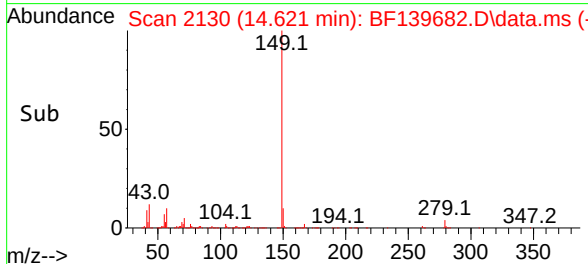
Instrument :
BNA_F
ClientSampleId :
PB163898BS



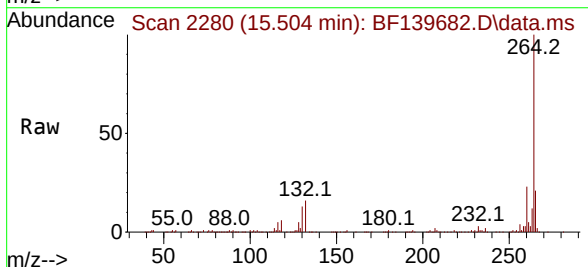
Tgt Ion:149 Resp: 816089
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 10.2 15.2

Manual Integrations
APPROVED

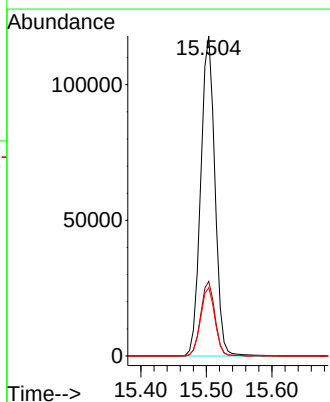
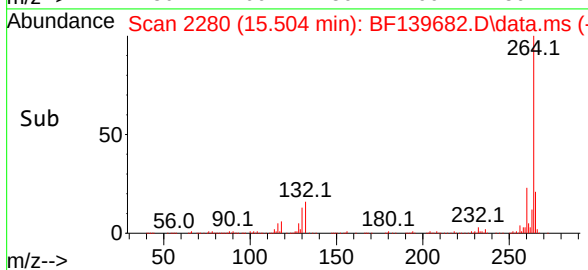
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

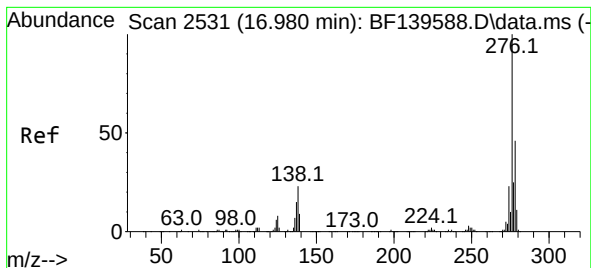


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09



Tgt Ion:264 Resp: 177823
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.781 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

Tgt Ion:276 Resp: 59428

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

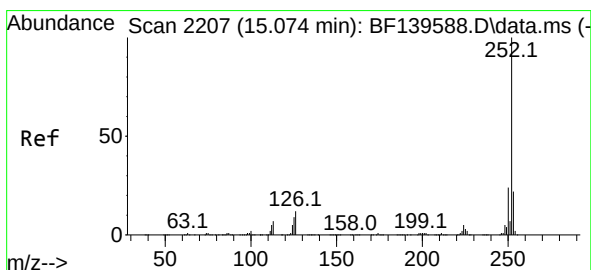
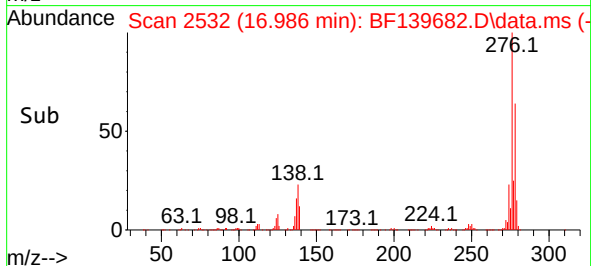
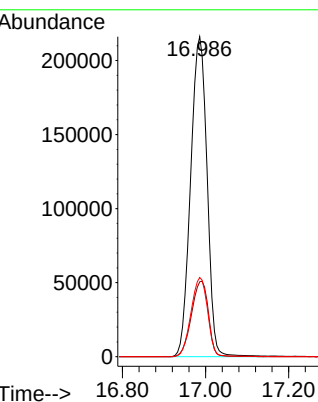
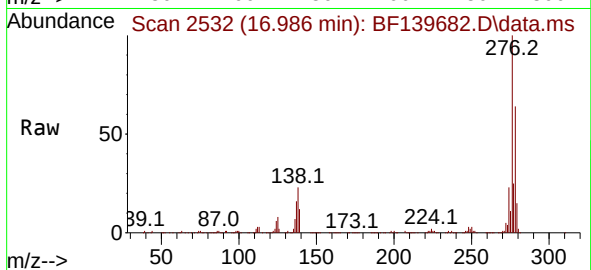
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#88

Benzo(b)fluoranthene

Concen: 56.277 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

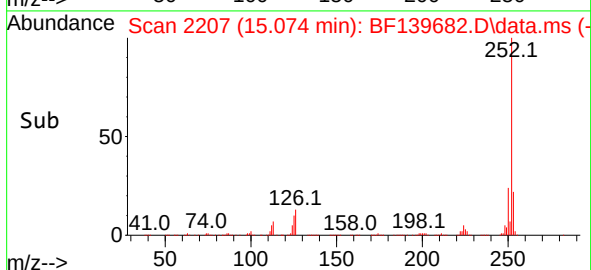
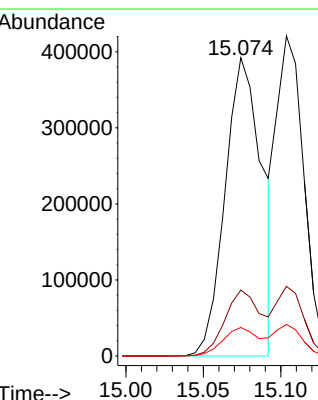
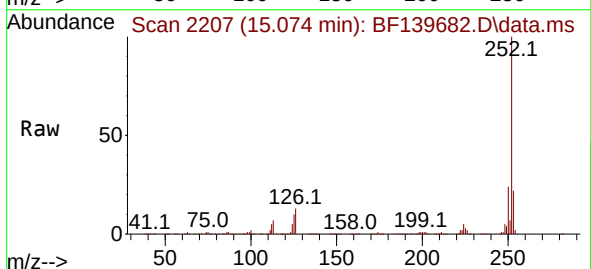
Tgt Ion:252 Resp: 647061

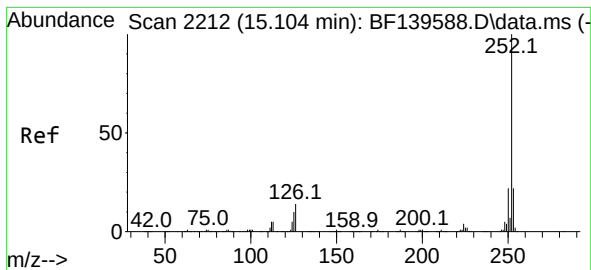
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.439 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

ClientSampleId :

PB163898BS

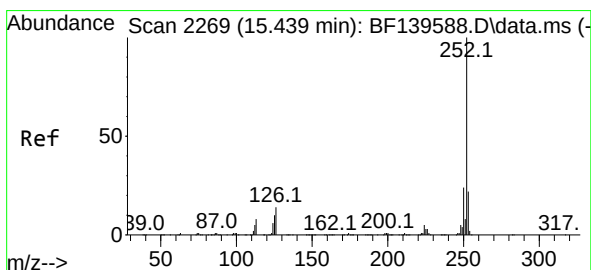
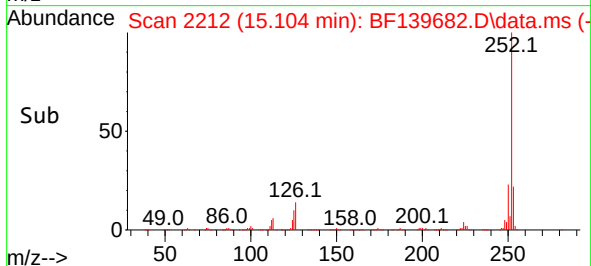
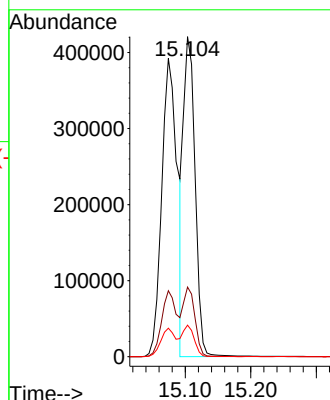
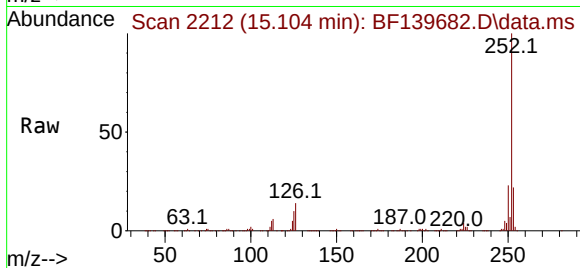
Tgt Ion:252 Resp: 521199
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(a)pyrene

Concen: 57.327 ng

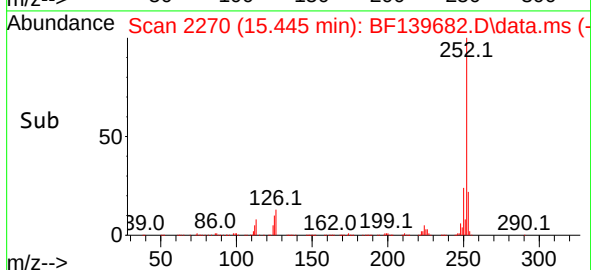
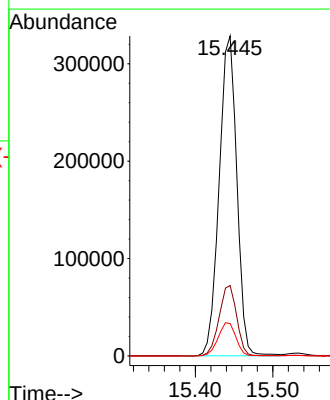
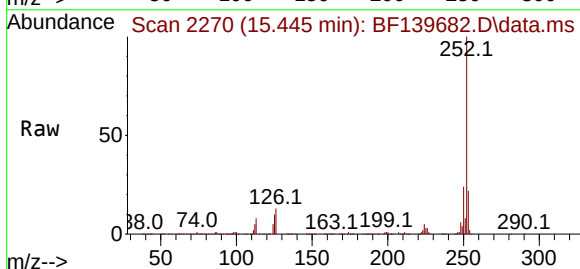
RT: 15.445 min Scan# 2270

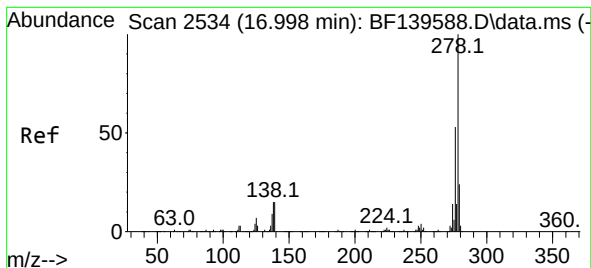
Delta R.T. 0.006 min

Lab File: BF139682.D

Acq: 07 Oct 2024 13:09

Tgt Ion:252 Resp: 519722
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.3 25.9
 125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 56.309 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Instrument :

BNA_F

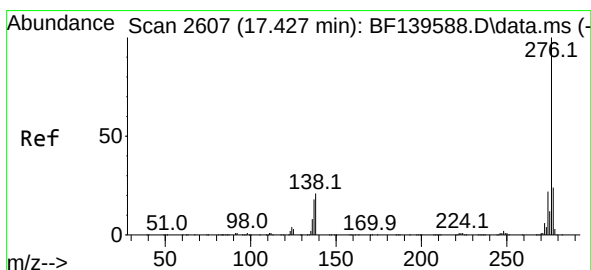
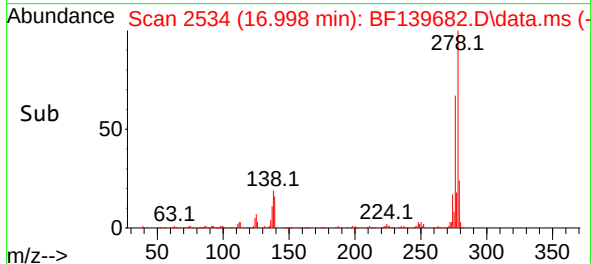
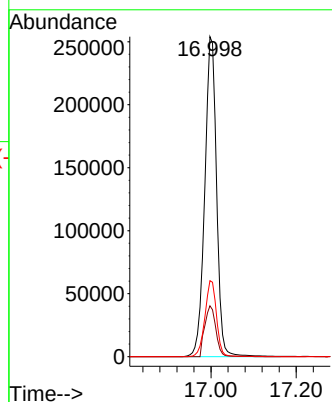
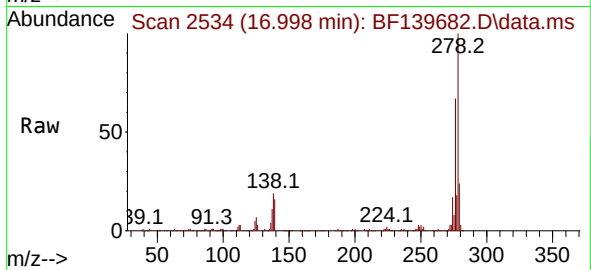
ClientSampleId :

PB163898BS

Tgt Ion:278 Resp: 48881
Ion Ratio Lower Upper
278 100
139 15.9 12.2 18.4
279 23.7 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: 52.511 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139682.D
Acq: 07 Oct 2024 13:09

Tgt Ion:276 Resp: 457166
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.2 17.0 25.6

