

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139925.D
 Acq On : 22 Oct 2024 13:31
 Operator : RC/JU
 Sample : PB164246BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164246BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 14:02:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	164776	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	634121	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	351756	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	613564	20.000	ng	0.00
76) Chrysene-d12	14.057	240	286399	20.000	ng	0.00
86) Perylene-d12	15.533	264	336781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1346117	127.891	ng	0.02
7) Phenol-d6	6.516	99	1692562	124.159	ng	0.00
23) Nitrobenzene-d5	7.451	82	1084945	94.827	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	495065	150.466	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1912758	89.869	ng	0.00
79) Terphenyl-d14	12.998	244	1884717	107.232	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	177603	36.190	ng	97
3) Pyridine	3.510	79	475539	39.093	ng	98
4) n-Nitrosodimethylamine	3.463	42	280037	42.848	ng	97
6) Aniline	6.551	93	525661	41.374	ng	98
8) 2-Chlorophenol	6.675	128	518826	48.217	ng	98
9) Benzaldehyde	6.440	77	122368	15.956	ng	97
10) Phenol	6.528	94	648795m	46.164	ng	
11) bis(2-Chloroethyl)ether	6.628	93	495871	45.648	ng	99
12) 1,3-Dichlorobenzene	6.834	146	547104	44.293	ng	99
13) 1,4-Dichlorobenzene	6.910	146	557161	45.149	ng	99
14) 1,2-Dichlorobenzene	7.063	146	530371	46.050	ng	98
15) Benzyl Alcohol	7.028	79	474796	47.481	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	849359	45.855	ng	99
17) 2-Methylphenol	7.140	107	431904	47.072	ng	98
18) Hexachloroethane	7.404	117	200604	45.586	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	373013	45.116	ng	98
20) 3+4-Methylphenols	7.292	107	521856	44.467	ng	# 83
22) Acetophenone	7.298	105	693686	44.663	ng	99
24) Nitrobenzene	7.475	77	560311	44.667	ng	99
25) Isophorone	7.710	82	1021354	47.033	ng	100
26) 2-Nitrophenol	7.787	139	263560	55.693	ng	98
27) 2,4-Dimethylphenol	7.822	122	430432	54.547	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	609776	46.347	ng	100
29) 2,4-Dichlorophenol	8.028	162	427693	47.585	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	445869	44.832	ng	100
31) Naphthalene	8.198	128	1481784	45.309	ng	100
32) Benzoic acid	7.934	122	325703	47.324	ng	97
33) 4-Chloroaniline	8.239	127	191361	17.160	ng	98
34) Hexachlorobutadiene	8.310	225	289557	46.338	ng	98
35) Caprolactam	8.610	113	138085m	48.317	ng	
36) 4-Chloro-3-methylphenol	8.716	107	464382	46.661	ng	98
37) 2-Methylnaphthalene	8.886	142	935671	46.715	ng	100
38) 1-Methylnaphthalene	8.986	142	864778	44.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	436448	45.991	ng	99
41) Hexachlorocyclopentadiene	9.039	237	596311	180.591	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	328872	48.949	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139925.D
 Acq On : 22 Oct 2024 13:31
 Operator : RC/JU
 Sample : PB164246BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164246BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 14:02:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	331426	47.812	ng	97
46) 1,1'-Biphenyl	9.351	154	1119634	45.723	ng	99
47) 2-Chloronaphthalene	9.375	162	888242	45.037	ng	100
48) 2-Nitroaniline	9.469	65	308595	51.160	ng	94
49) Acenaphthylene	9.792	152	1398381	49.044	ng	99
50) Dimethylphthalate	9.651	163	1051428	47.988	ng	100
51) 2,6-Dinitrotoluene	9.710	165	233458	49.211	ng	99
52) Acenaphthene	9.963	154	963445	52.234	ng	100
53) 3-Nitroaniline	9.875	138	142095	29.045	ng	97
54) 2,4-Dinitrophenol	9.986	184	245840	121.077	ng	# 1
55) Dibenzofuran	10.139	168	1240171	46.863	ng	98
56) 4-Nitrophenol	10.033	139	389275	103.425	ng	99
57) 2,4-Dinitrotoluene	10.116	165	315296	54.046	ng	97
58) Fluorene	10.480	166	938243	46.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	276807	50.939	ng	98
60) Diethylphthalate	10.351	149	1011556	47.022	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	476489	46.811	ng	99
62) 4-Nitroaniline	10.498	138	229127	49.589	ng	95
63) Azobenzene	10.633	77	1051515	46.105	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	167938	67.103	ng	92
66) n-Nitrosodiphenylamine	10.592	169	871477	47.456	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	307318	48.620	ng	95
68) Hexachlorobenzene	11.028	284	342097	48.123	ng	97
69) Atrazine	11.116	200	276980	55.680	ng	98
70) Pentachlorophenol	11.216	266	422111	97.837	ng	99
71) Phenanthrene	11.445	178	1380906	47.647	ng	100
72) Anthracene	11.492	178	1390606	49.177	ng	99
73) Carbazole	11.645	167	1200379	45.644	ng	100
74) Di-n-butylphthalate	11.975	149	1403776	46.202	ng	100
75) Fluoranthene	12.627	202	1337063	45.636	ng	100
77) Benzidine	12.745	184	243808	51.771	ng	98
78) Pyrene	12.857	202	1331365	53.107	ng	99
80) Butylbenzylphthalate	13.474	149	397744	52.921	ng	99
81) Benzo(a)anthracene	14.045	228	921614	49.433	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	176158	32.407	ng	100
83) Chrysene	14.080	228	852263	49.858	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	474952	56.325	ng	99
85) Di-n-octyl phthalate	14.651	149	881578	57.478	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1210782	55.884	ng	98
88) Benzo(b)fluoranthene	15.098	252	987410	48.131	ng	100
89) Benzo(k)fluoranthene	15.127	252	798092	45.109	ng	99
90) Benzo(a)pyrene	15.474	252	891992	52.841	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	988202	54.675	ng	98
92) Benzo(g,h,i)perylene	17.492	276	930646	51.548	ng	99

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

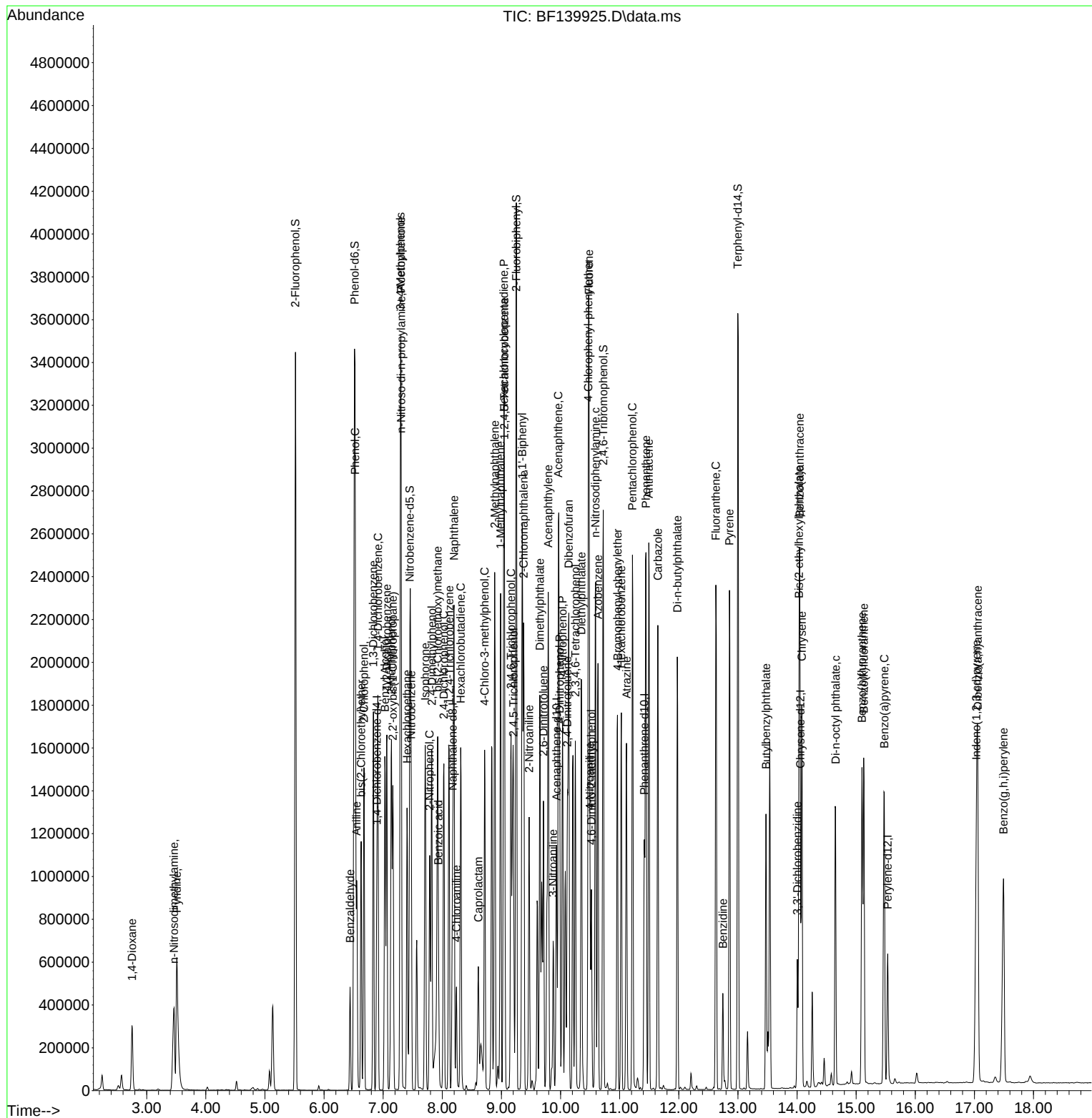
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139925.D
Acq On : 22 Oct 2024 13:31
Operator : RC/JU
Sample : PB164246BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

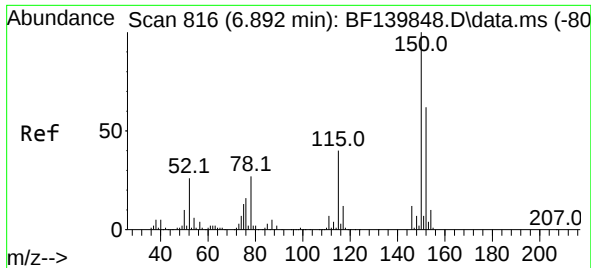
Instrument :
BNA_F
ClientSampleId :
PB164246BS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

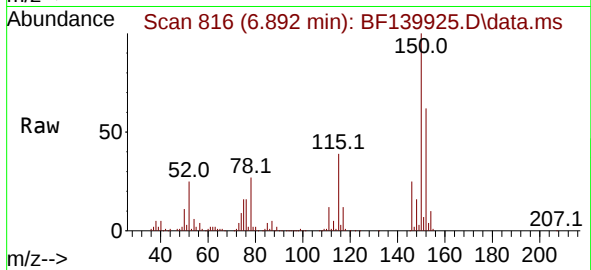
Quant Time: Oct 22 14:02:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

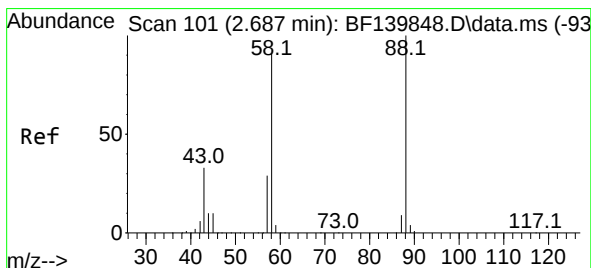
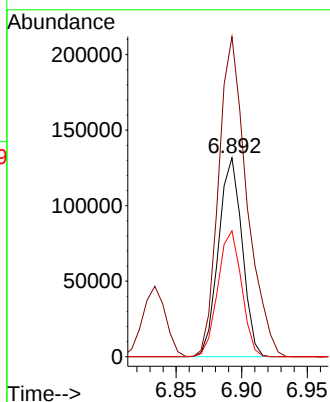
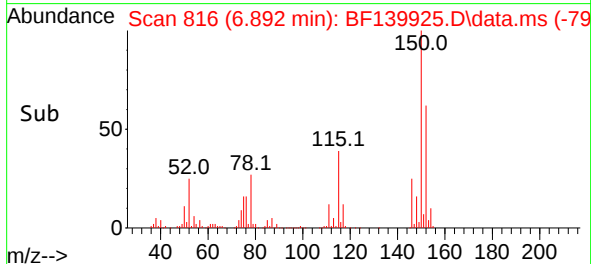
Instrument :
BNA_F
ClientSampleId :
PB164246BS



Tgt Ion:152 Resp: 164770
Ion Ratio Lower Upper
152 100
150 160.9 130.2 195.2
115 63.3 51.4 77.2

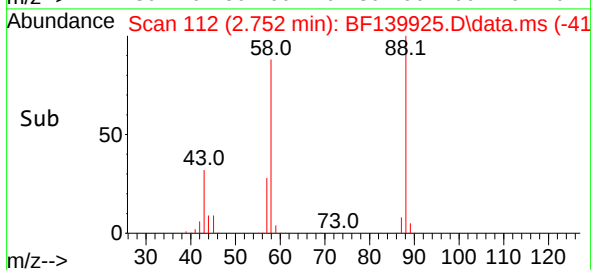
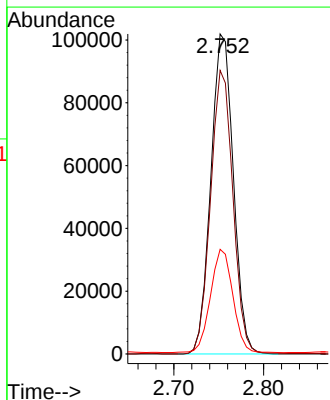
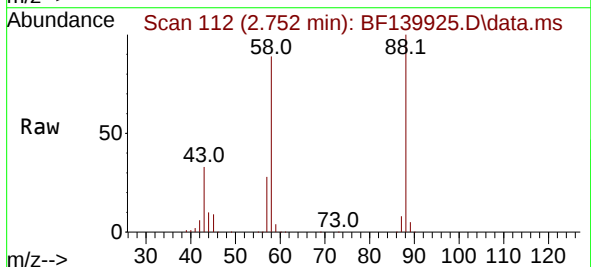
Manual Integrations
APPROVED

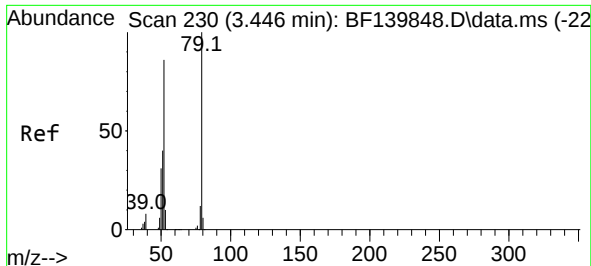
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#2
1,4-Dioxane
Concen: 36.190 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion: 88 Resp: 177603
Ion Ratio Lower Upper
88 100
58 88.5 73.3 109.9
43 32.1 27.1 40.7





#3

Pyridine

Concen: 39.093 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.065 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion: 79 Resp: 475539

Ion Ratio Lower Upper

79 100

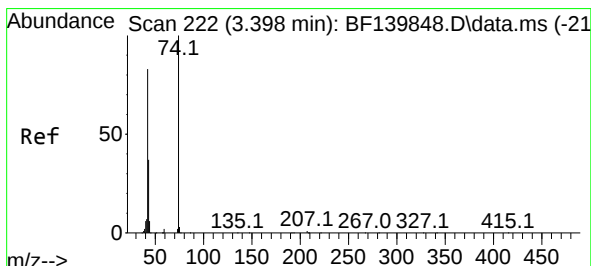
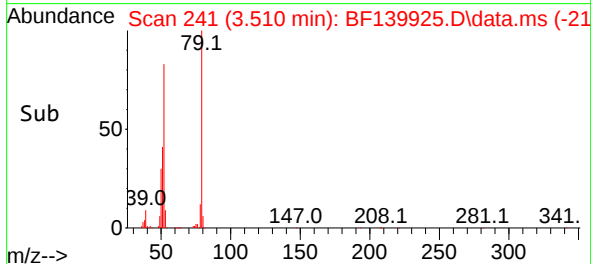
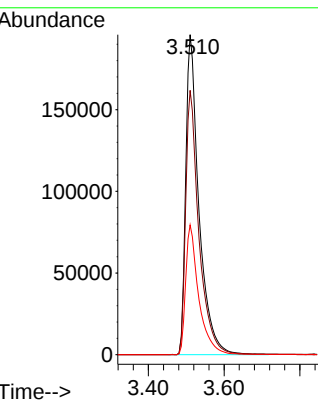
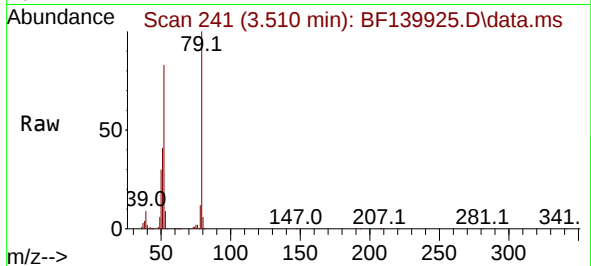
52 82.6 68.5 102.7

51 40.5 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#4

n-Nitrosodimethylamine

Concen: 42.848 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

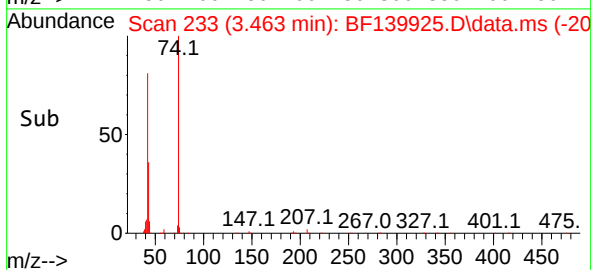
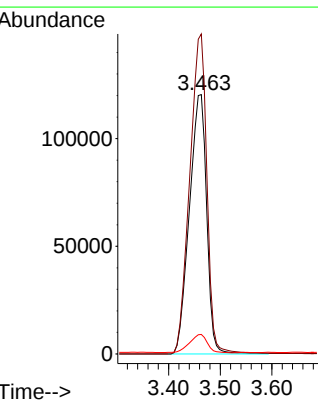
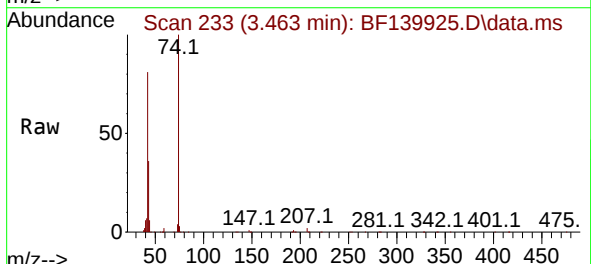
Tgt Ion: 42 Resp: 280037

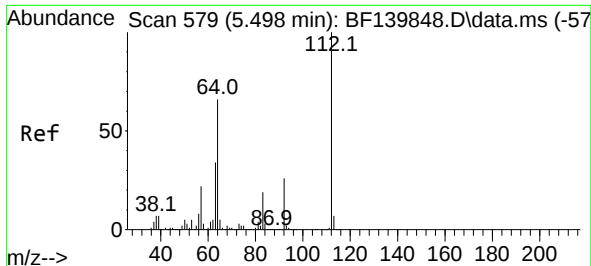
Ion Ratio Lower Upper

42 100

74 123.4 96.2 144.4

44 7.5 6.2 9.2





#5
2-Fluorophenol
Concen: 127.891 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

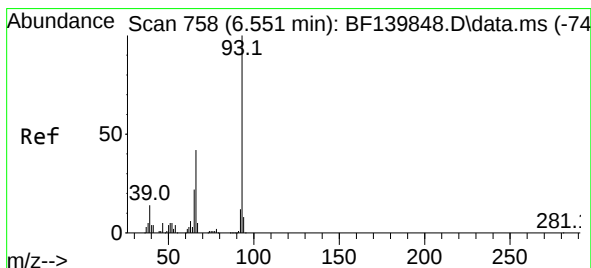
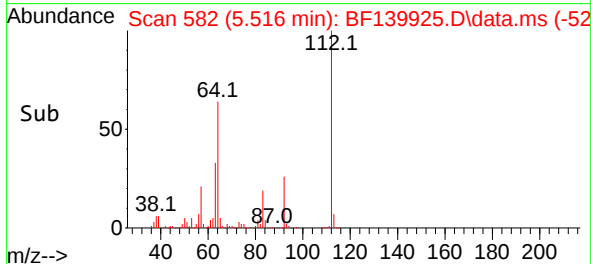
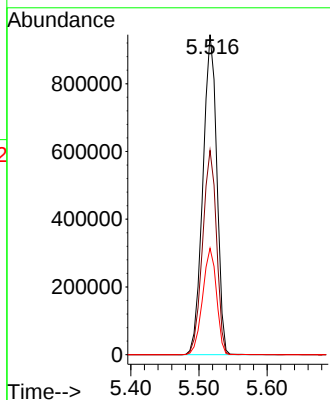
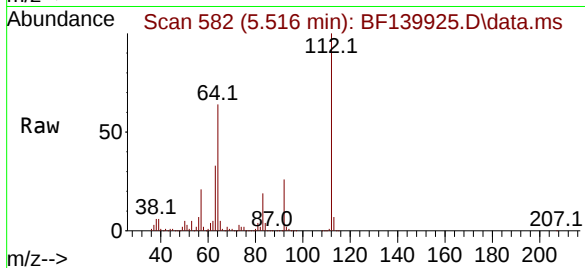
ClientSampleId :

PB164246BS

Tgt Ion:112 Resp: 134611
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 33.3 27.0 40.4

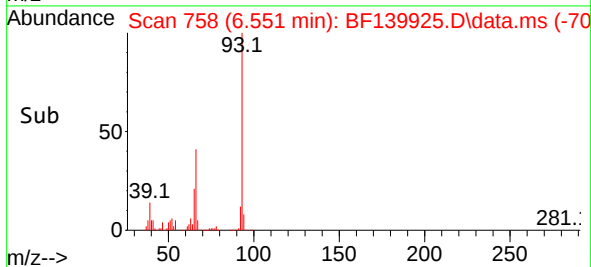
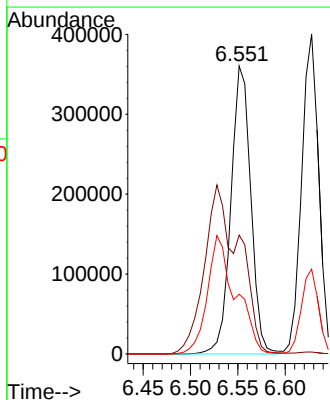
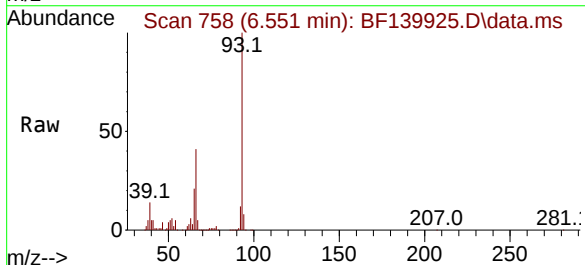
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#6
Aniline
Concen: 41.374 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion: 93 Resp: 525661
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.7 17.4 26.0





#7

Phenol-d6

Concen: 124.159 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion: 99 Resp: 169256

Ion Ratio Lower Upper

99 100

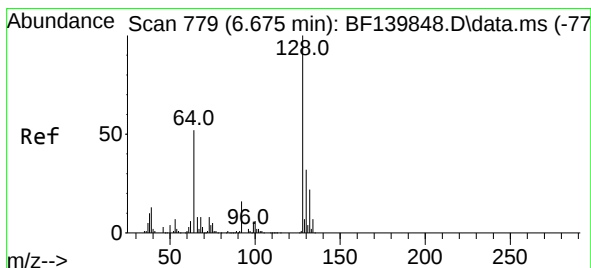
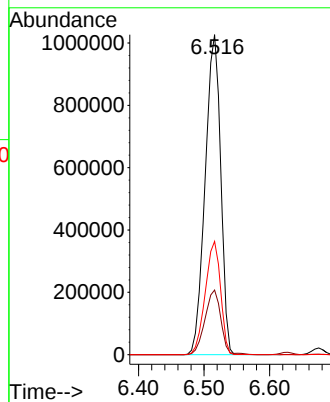
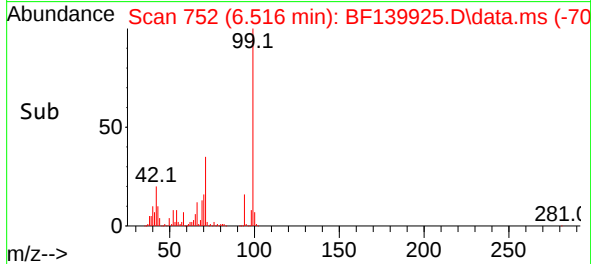
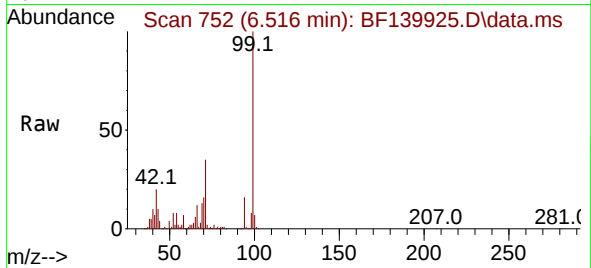
42 20.2 16.7 25.1

71 35.4 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#8

2-Chlorophenol

Concen: 48.217 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

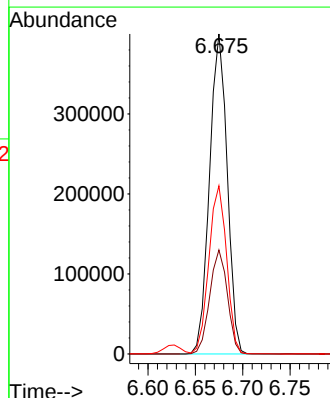
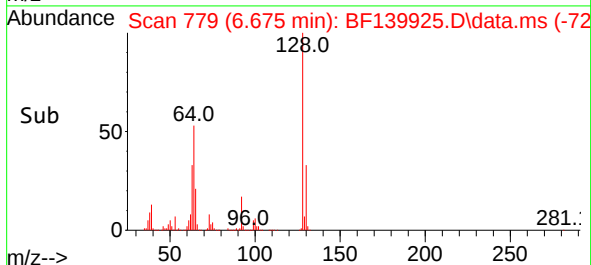
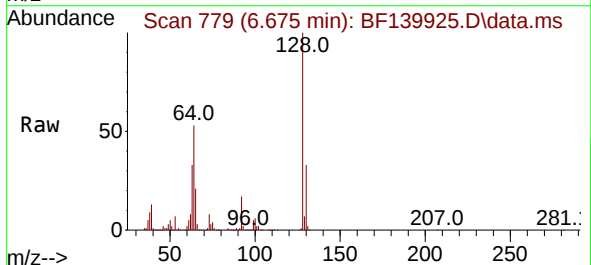
Tgt Ion:128 Resp: 518826

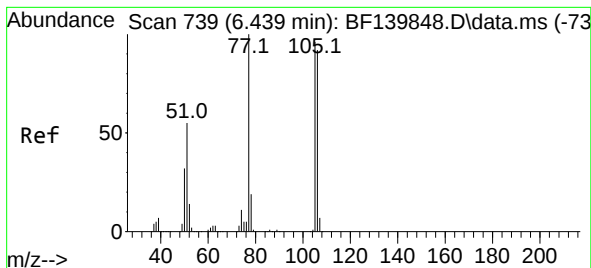
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 52.6 34.6 74.6





#9

Benzaldehyde

Concen: 15.956 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF139925.D

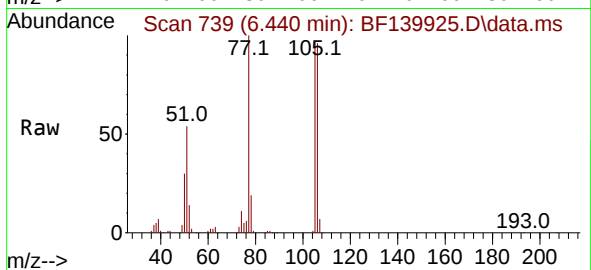
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS



Tgt Ion: 77 Resp: 12236

Ion Ratio Lower Upper

77 100

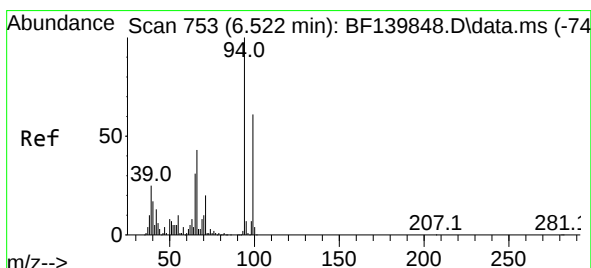
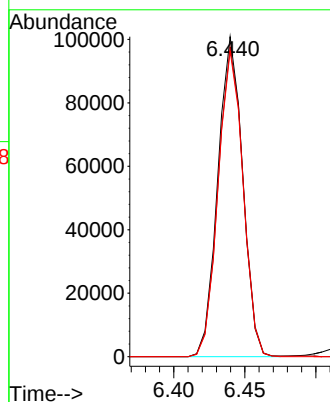
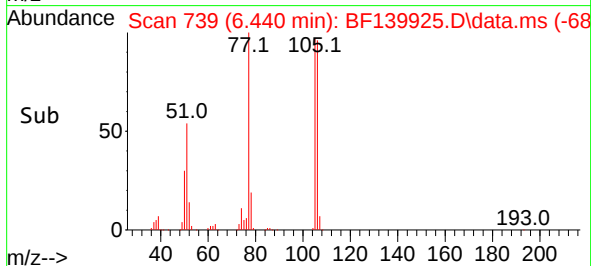
105 96.7 75.5 115.5

106 95.5 71.7 111.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#10

Phenol

Concen: 46.164 ng m

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

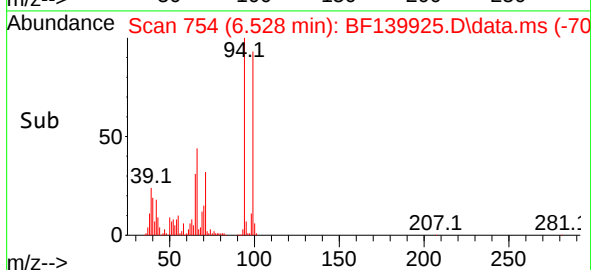
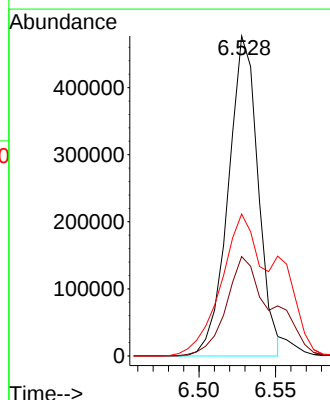
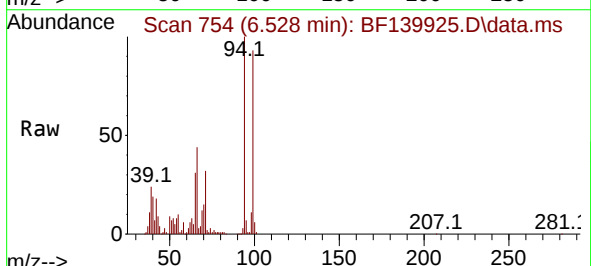
Tgt Ion: 94 Resp: 648795

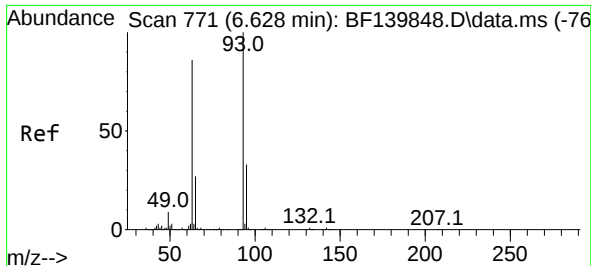
Ion Ratio Lower Upper

94 100

65 31.1 11.1 51.1

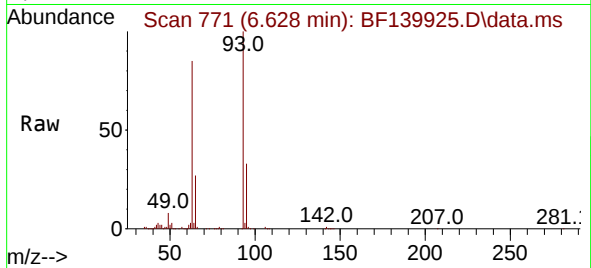
66 44.3 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 45.648 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

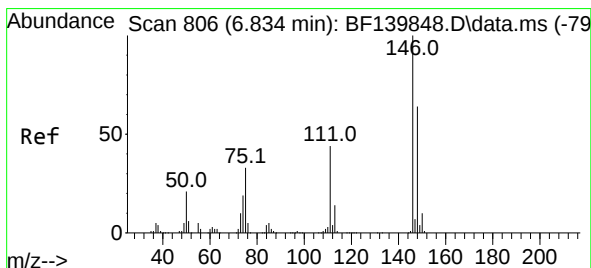
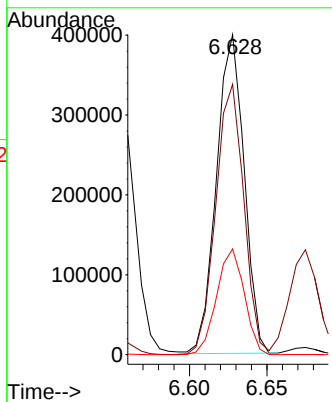
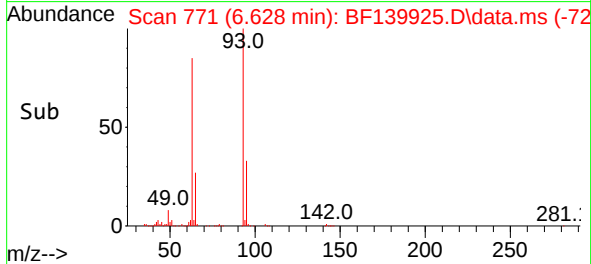
Instrument :
BNA_F
ClientSampleId :
PB164246BS



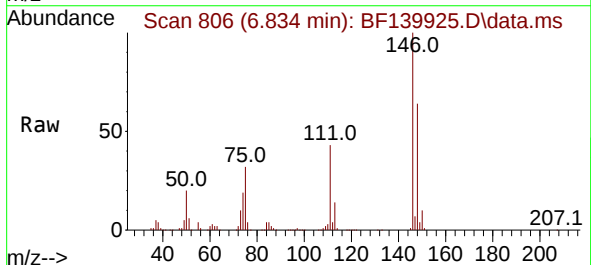
Tgt Ion: 93 Resp: 49587
Ion Ratio Lower Upper
93 100
63 84.5 65.0 105.0
95 33.0 12.4 52.4

Manual Integrations
APPROVED

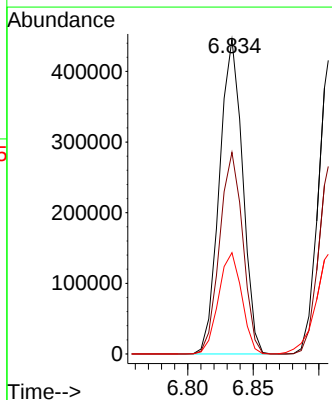
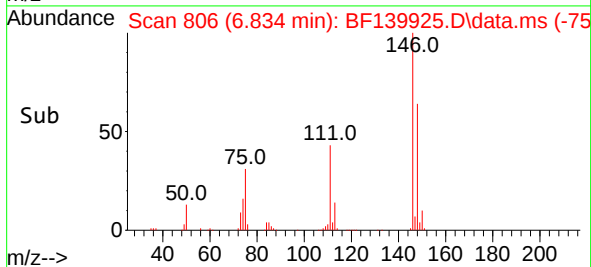
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

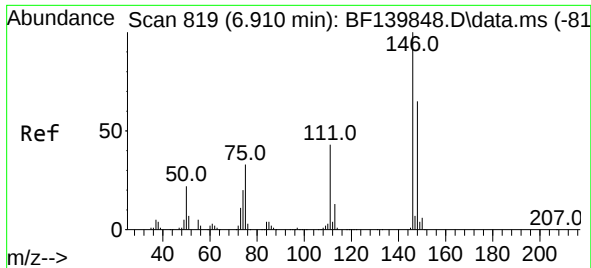


#12
1,3-Dichlorobenzene
Concen: 44.293 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:146 Resp: 547104
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 32.2 26.4 39.6





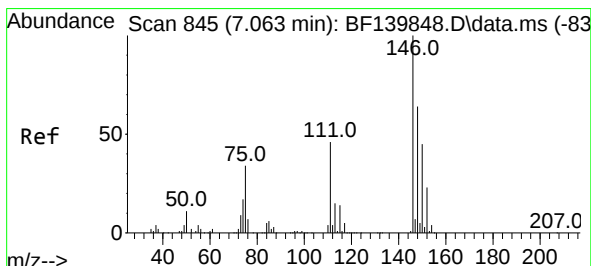
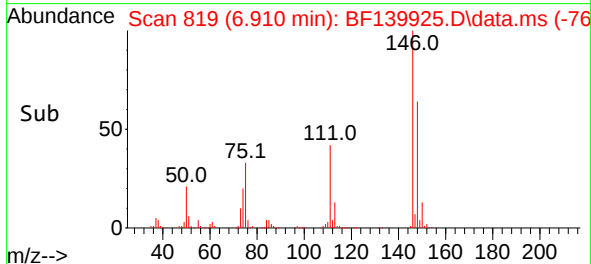
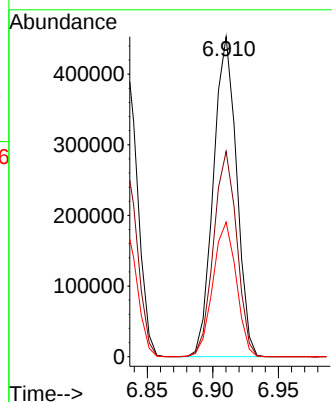
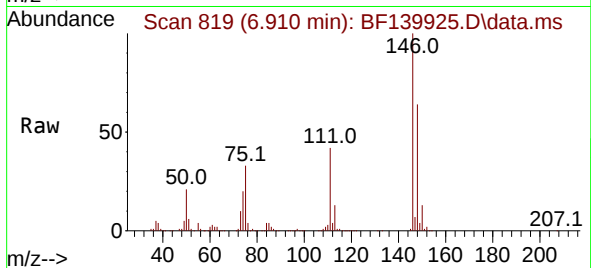
#13
1,4-Dichlorobenzene
Concen: 45.149 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Tgt Ion:146 Resp: 55716
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 42.0 34.6 51.8

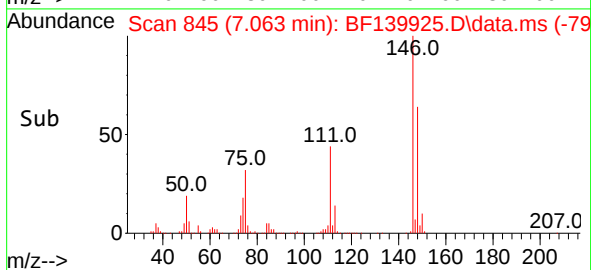
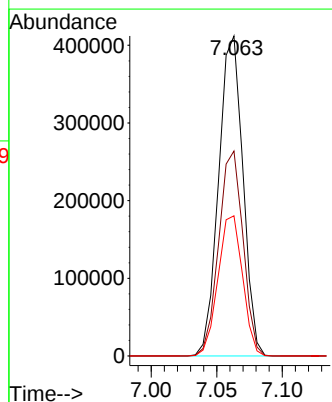
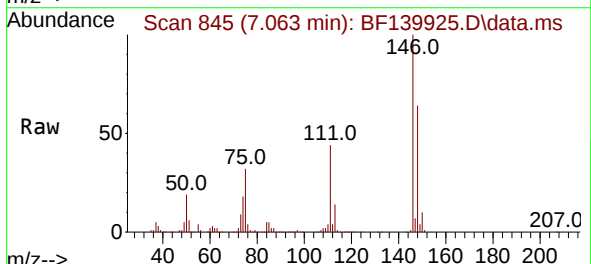
Manual Integrations
APPROVED

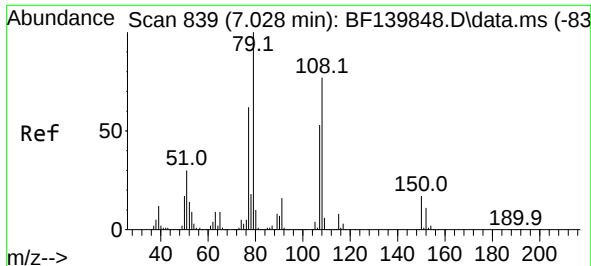
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#14
1,2-Dichlorobenzene
Concen: 46.050 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

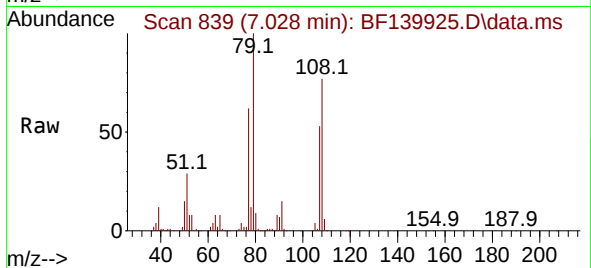
Tgt Ion:146 Resp: 530371
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 43.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.481 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

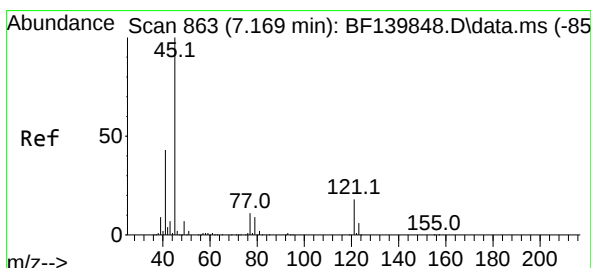
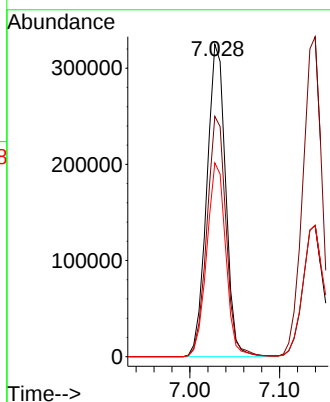
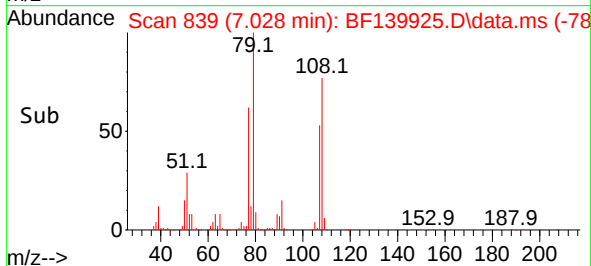
Instrument :
BNA_F
ClientSampleId :
PB164246BS



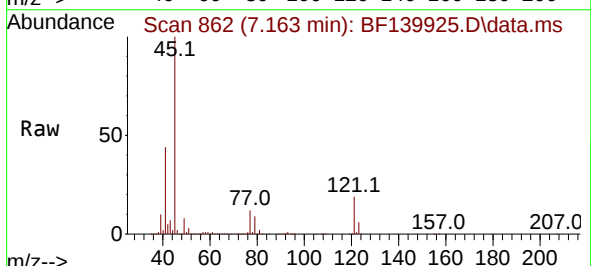
Tgt Ion: 79 Resp: 474790
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 62.0 49.9 74.9

Manual Integrations
APPROVED

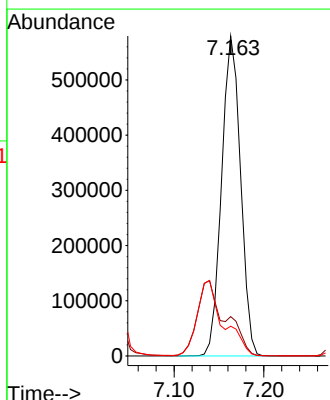
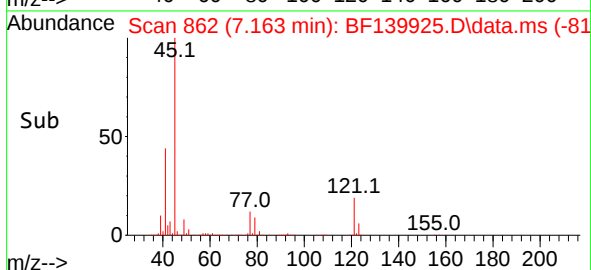
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.855 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



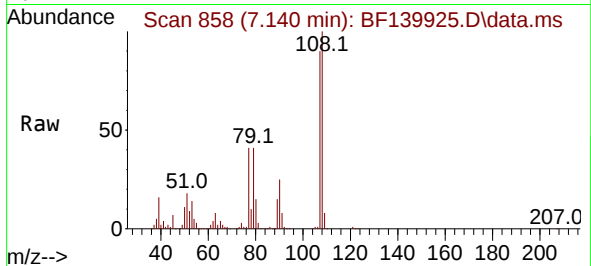
Tgt Ion: 45 Resp: 849359
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.3 0.0 29.1





#17
2-Methylphenol
Concen: 47.072 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

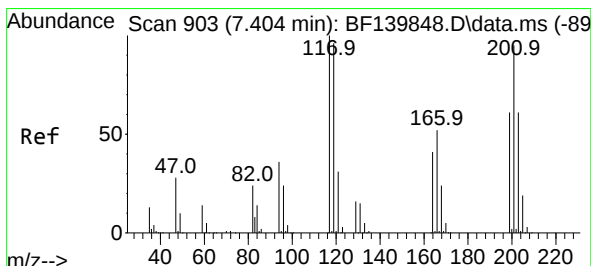
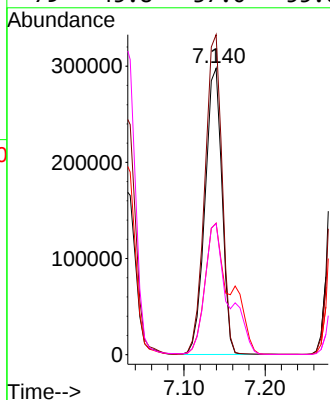
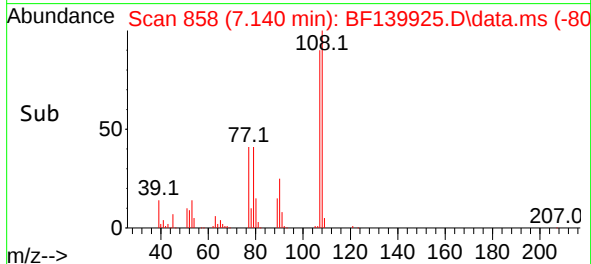
Instrument :
BNA_F
ClientSampleId :
PB164246BS



Tgt Ion:107 Resp: 431904
Ion Ratio Lower Upper
107 100
108 111.7 91.3 136.9
77 45.9 37.1 55.7
79 45.8 37.0 55.6

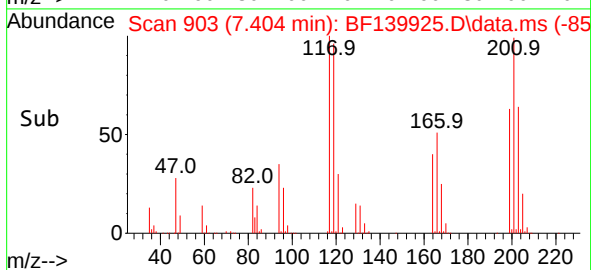
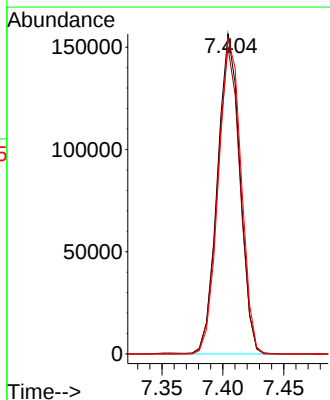
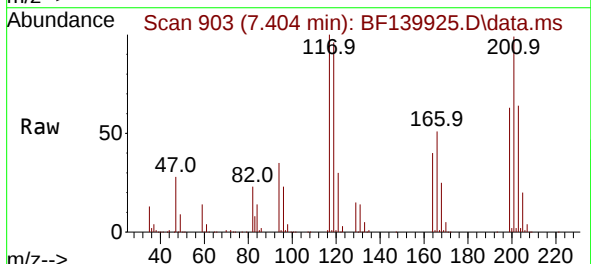
Manual Integrations
APPROVED

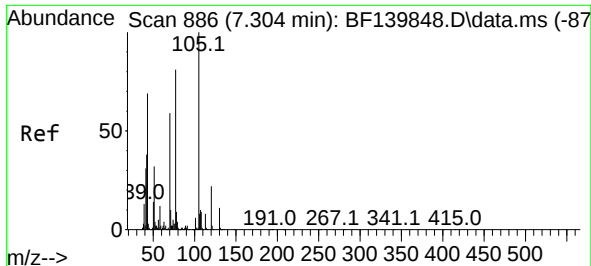
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 45.586 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:117 Resp: 200604
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
201 98.5 76.2 114.4





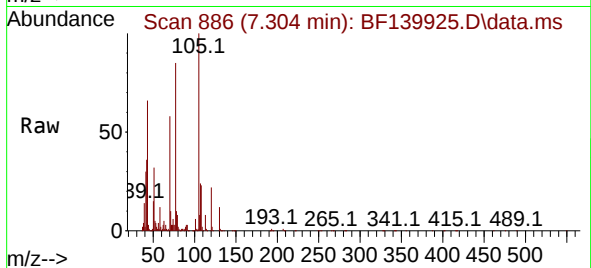
#19
n-Nitroso-di-n-propylamine
Concen: 45.116 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

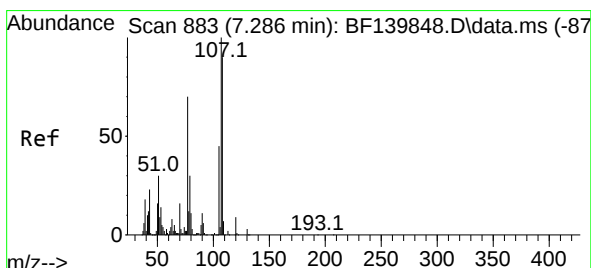
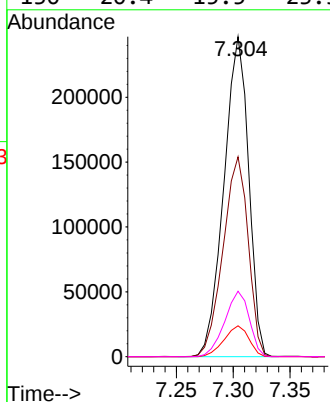
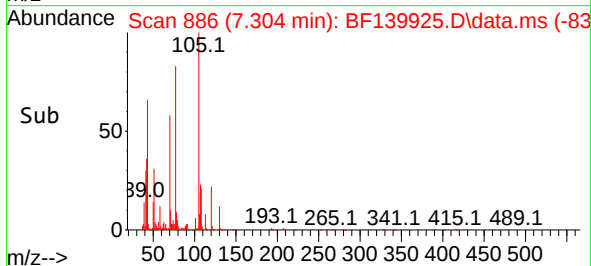


Tgt Ion: 70 Resp: 37301
Ion Ratio Lower Upper
70 100
42 62.5 51.5 77.3
101 9.7 7.5 11.3
130 20.4 15.5 23.3

Manual Integrations

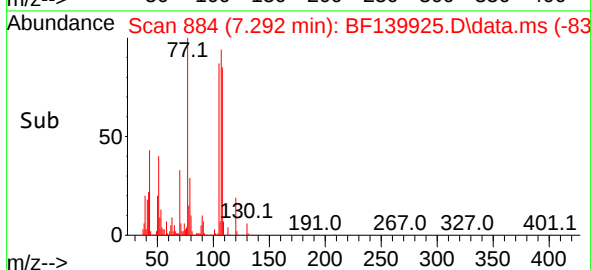
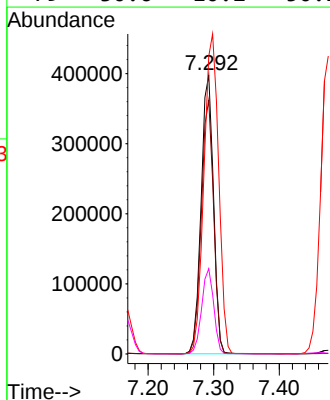
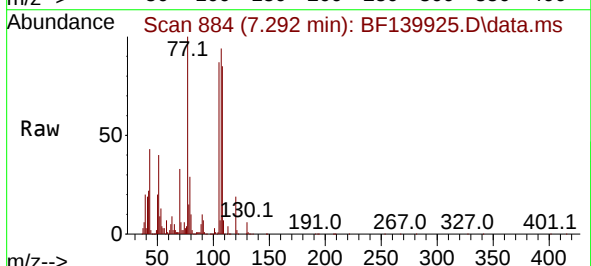
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#20
3+4-Methylphenols
Concen: 44.467 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:107 Resp: 521856
Ion Ratio Lower Upper
107 100
108 91.0 69.8 109.8
77 106.8 50.5 90.5#
79 30.6 10.2 50.2





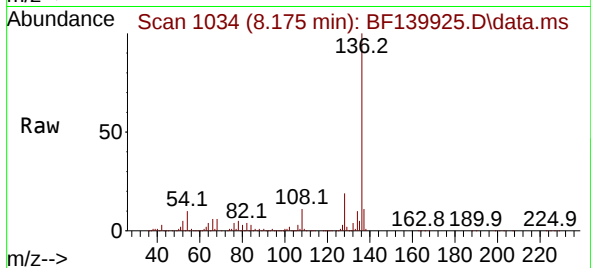
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

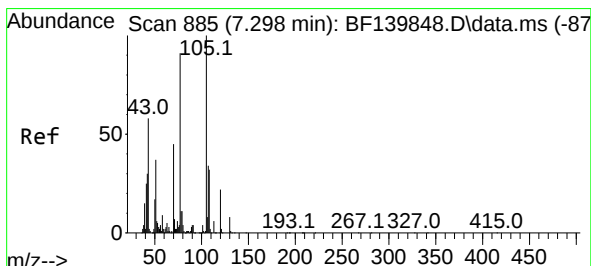
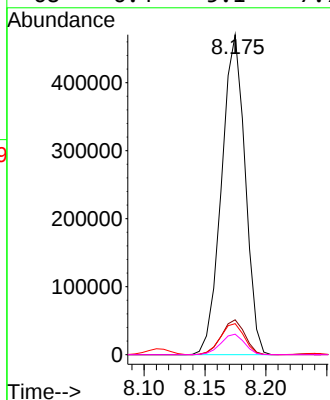
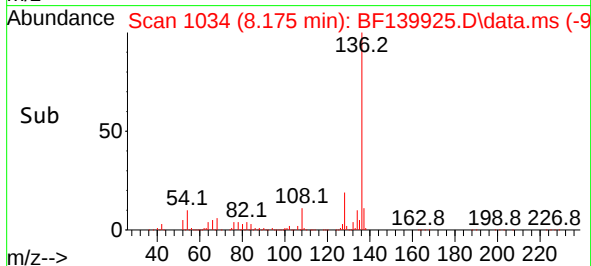


Tgt Ion:136 Resp: 63412
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.4 5.1 7.7

Manual Integrations

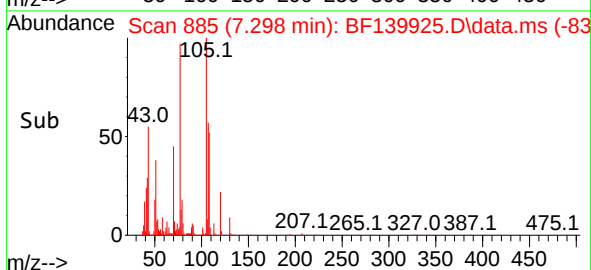
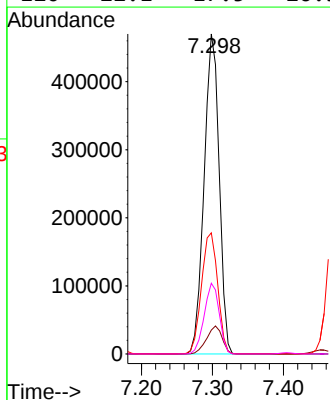
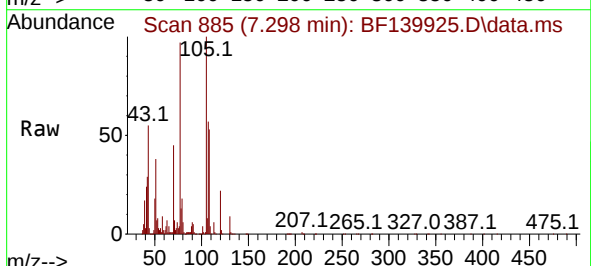
APPROVED

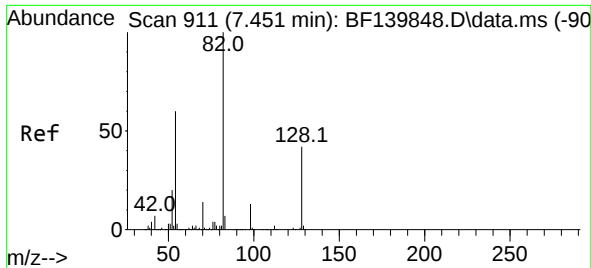
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 44.663 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:105 Resp: 693686
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 37.8 29.4 44.2
120 22.1 17.5 26.3





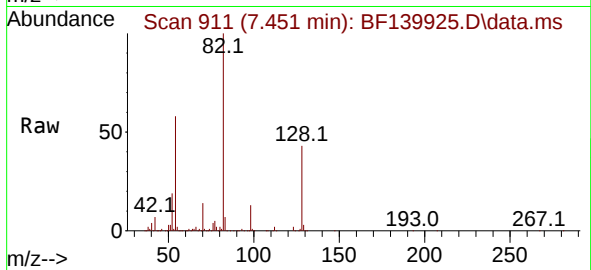
#23
Nitrobenzene-d5
Concen: 94.827 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

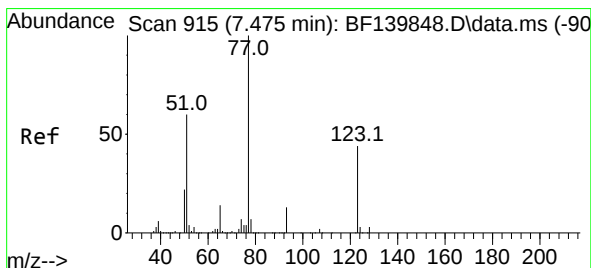
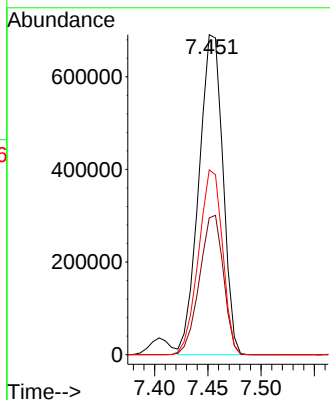
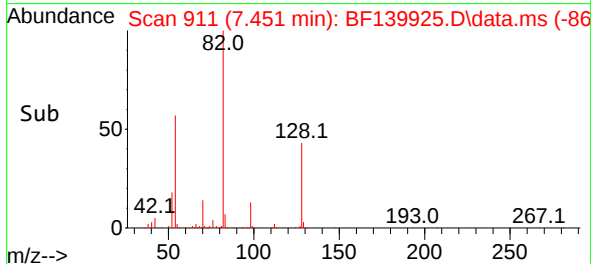


Tgt Ion: 82 Resp: 108494
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 57.8 47.8 71.8

Manual Integrations

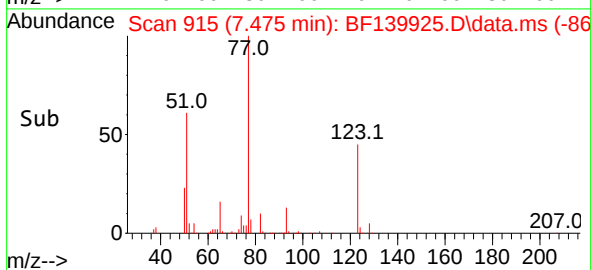
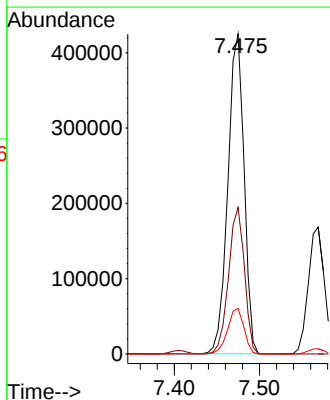
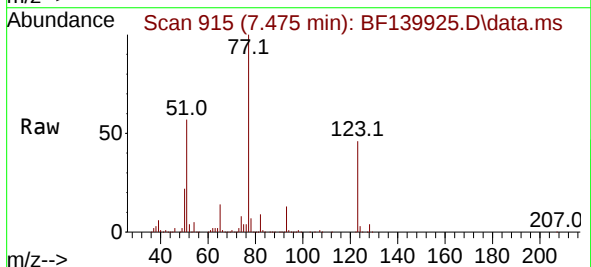
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#24
Nitrobenzene
Concen: 44.667 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion: 77 Resp: 560311
Ion Ratio Lower Upper
77 100
123 45.8 35.7 53.5
65 14.3 11.5 17.3





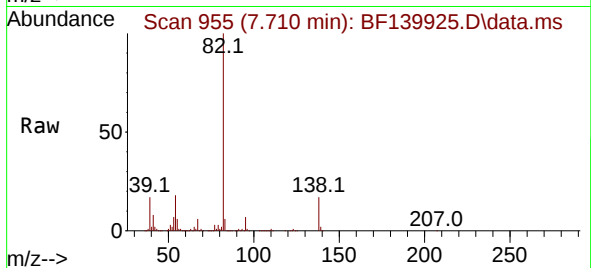
#25
Isophorone
Concen: 47.033 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

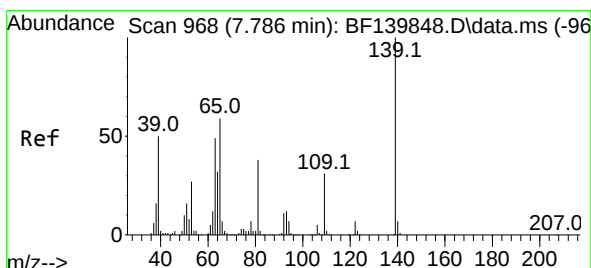
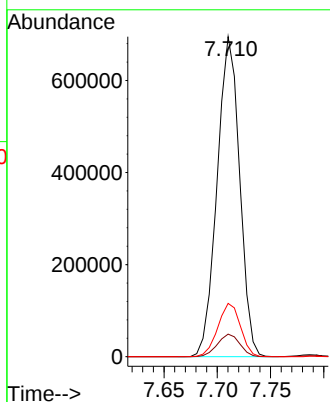
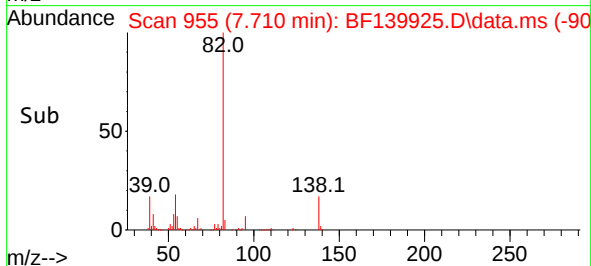


Tgt Ion: 82 Resp: 1021354
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 13.2 19.8

Manual Integrations

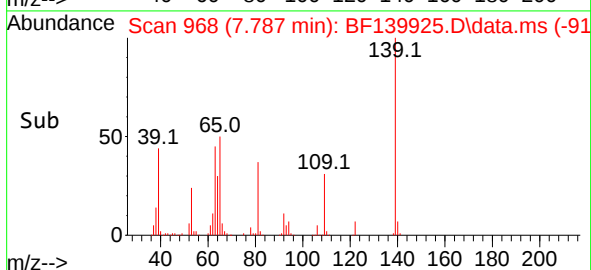
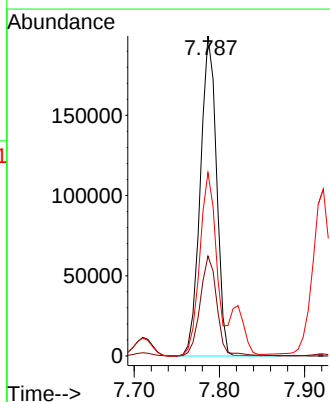
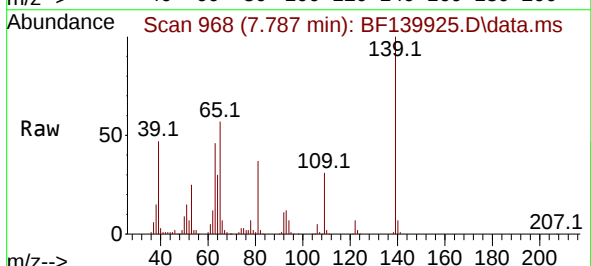
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#26
2-Nitrophenol
Concen: 55.693 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:139 Resp: 263560
Ion Ratio Lower Upper
139 100
109 31.2 25.1 37.7
65 57.3 47.5 71.3





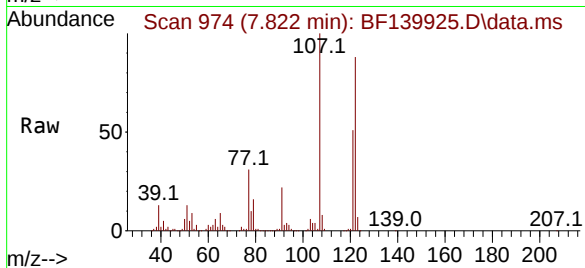
#27
2,4-Dimethylphenol
Concen: 54.547 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

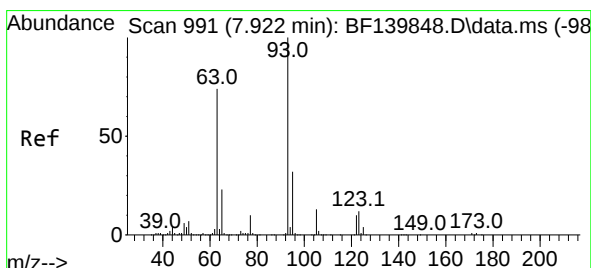
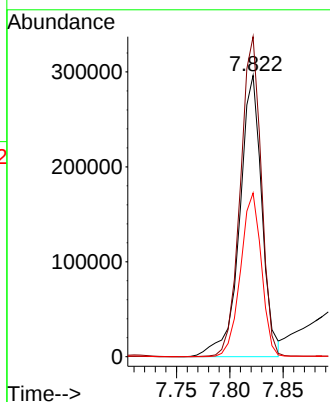
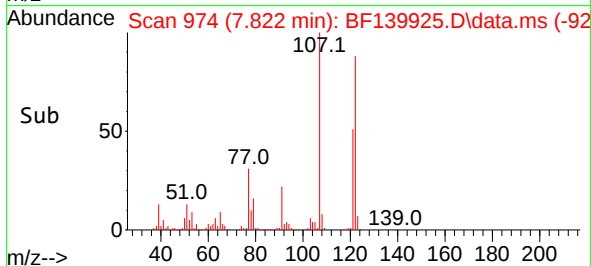


Tgt Ion:122 Resp: 43043
Ion Ratio Lower Upper
122 100
107 113.8 91.9 137.9
121 58.2 46.2 69.4

Manual Integrations

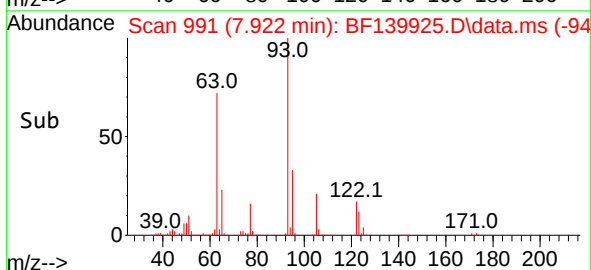
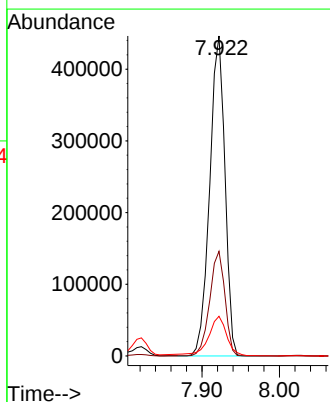
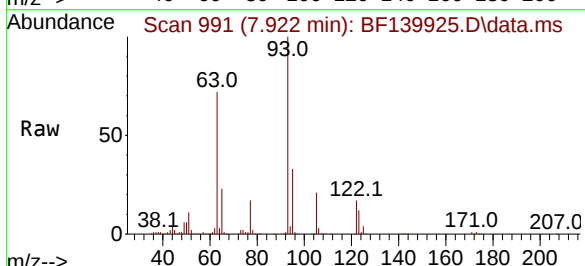
APPROVED

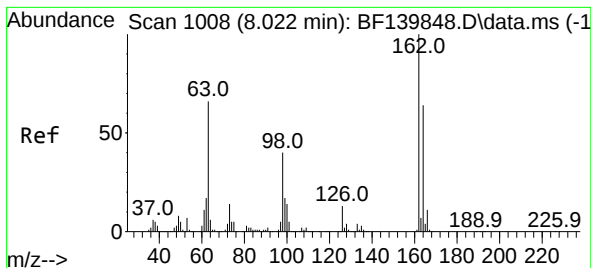
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.347 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion: 93 Resp: 609776
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.4 9.8 14.8





#29
2,4-Dichlorophenol
Concen: 47.585 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

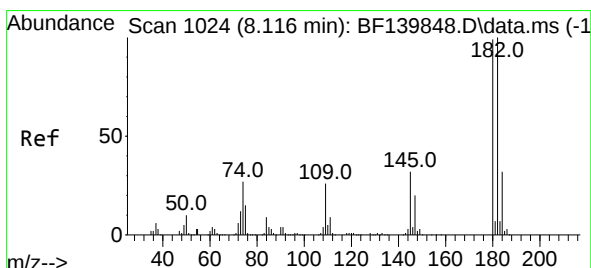
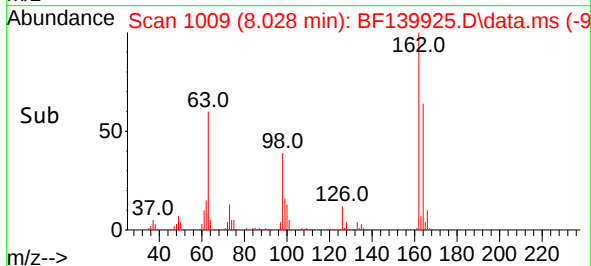
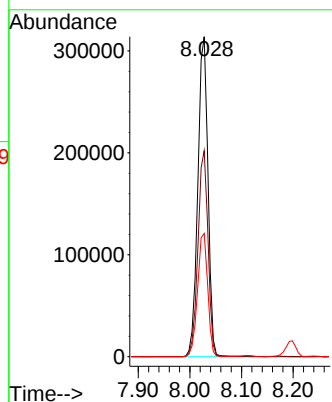
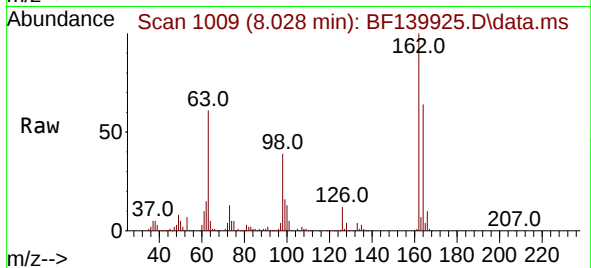
PB164246BS

Tgt Ion:162 Resp: 42769
Ion Ratio Lower Upper
162 100
164 64.3 43.9 83.9
98 38.5 19.9 59.9

Manual Integrations

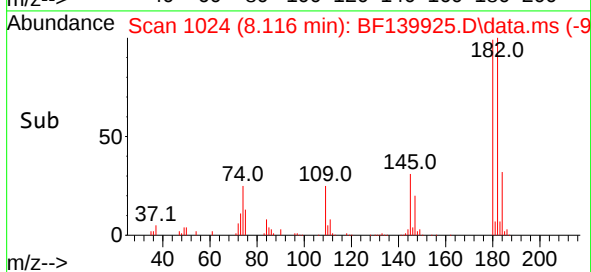
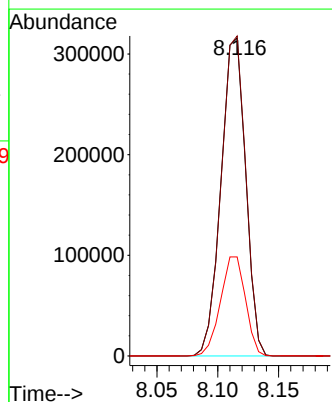
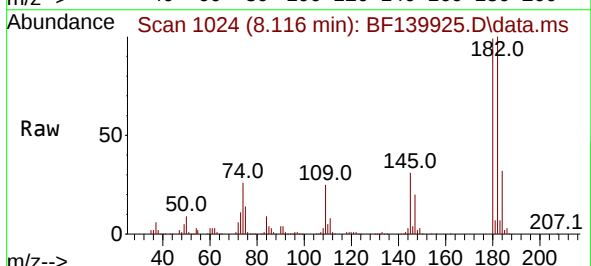
APPROVED

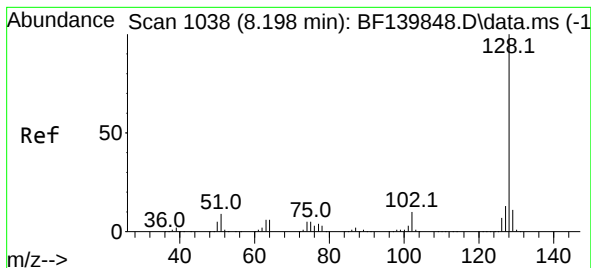
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.832 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

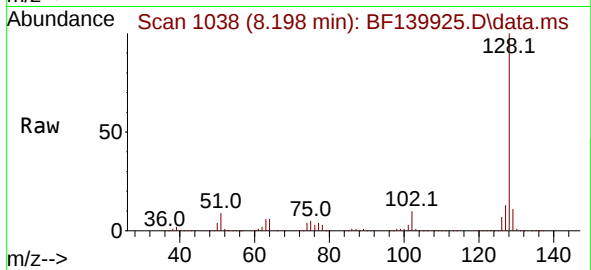
Tgt Ion:180 Resp: 445869
Ion Ratio Lower Upper
180 100
182 100.7 80.5 120.7
145 31.2 25.4 38.0





#31
Naphthalene
Concen: 45.309 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

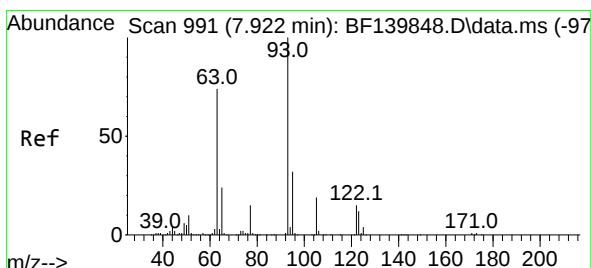
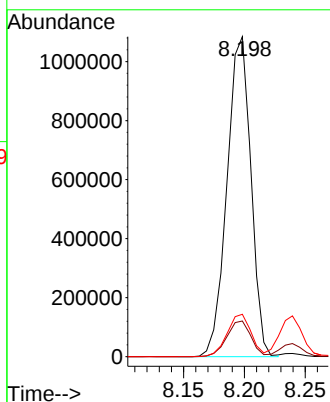
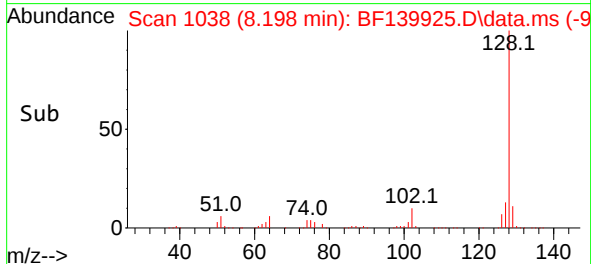
Instrument :
BNA_F
ClientSampleId :
PB164246BS



Tgt Ion:128 Resp: 1481784
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0

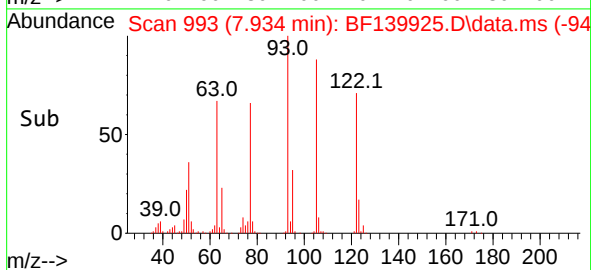
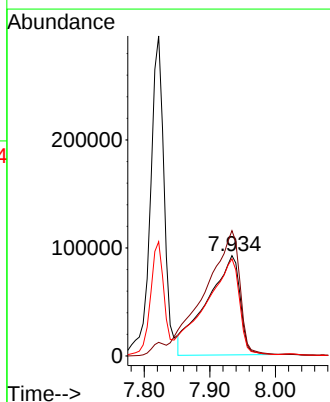
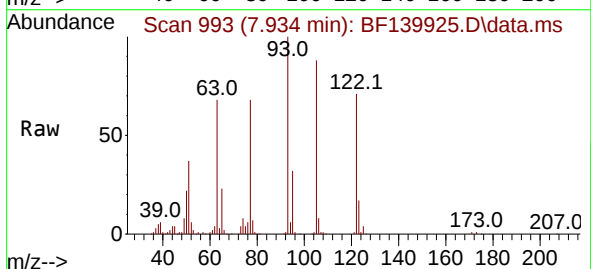
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#32
Benzoic acid
Concen: 47.324 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:122 Resp: 325703
Ion Ratio Lower Upper
122 100
105 124.9 107.6 147.6
77 96.9 80.2 120.2





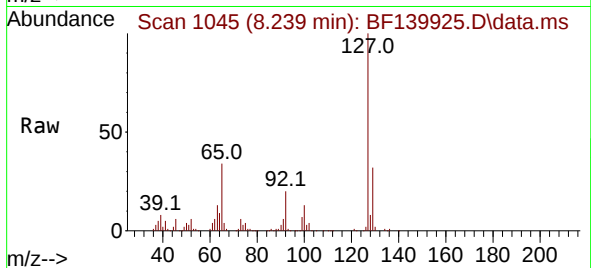
#33
4-Chloroaniline
Concen: 17.160 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

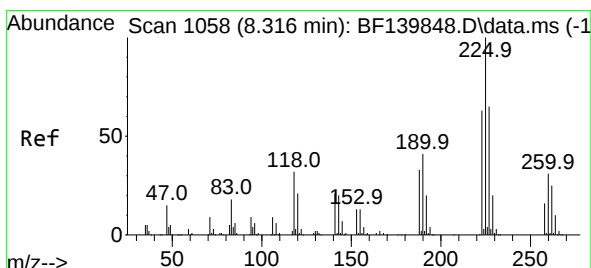
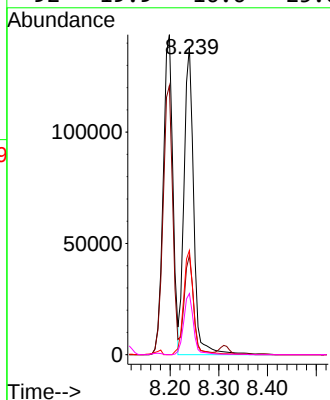
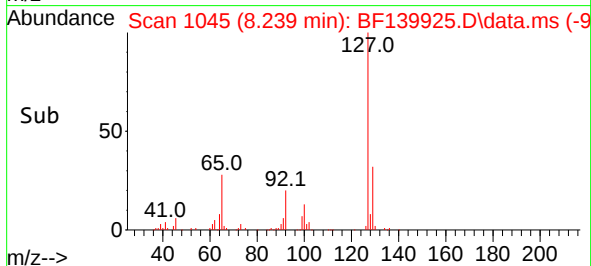


Tgt Ion:127 Resp: 19136
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 33.8 28.4 42.6
92 19.9 16.6 25.0

Manual Integrations

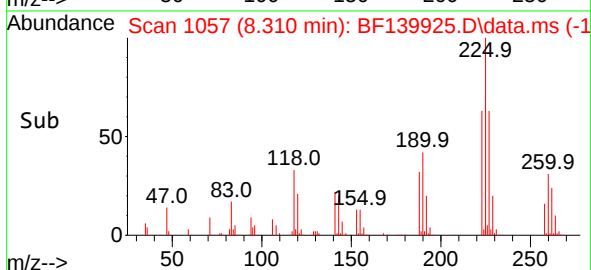
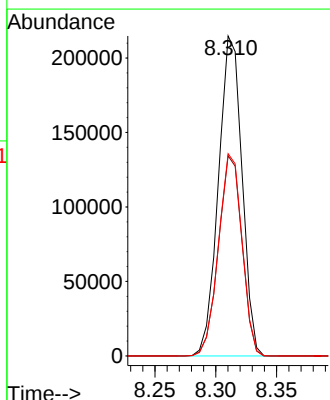
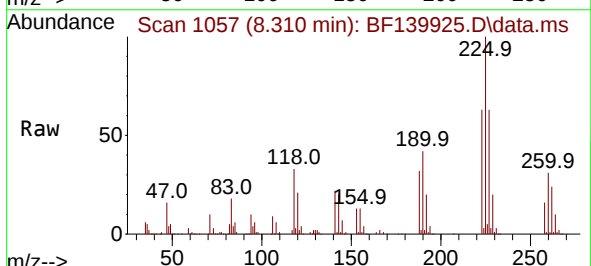
APPROVED

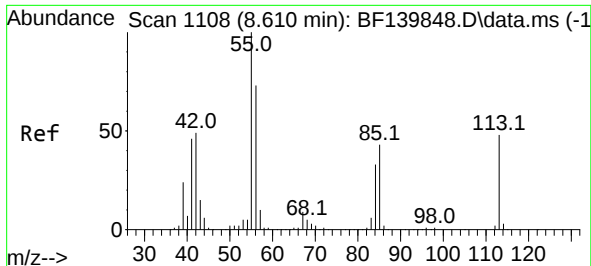
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 46.338 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

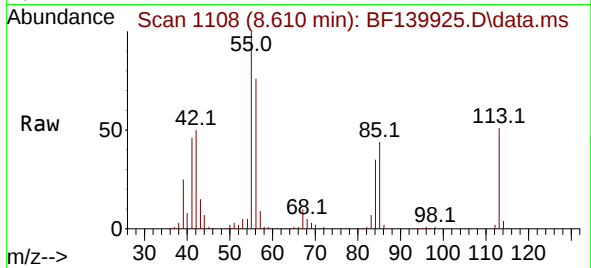
Tgt Ion:225 Resp: 289557
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 63.2 51.8 77.8





#35
Caprolactam
Concen: 48.317 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

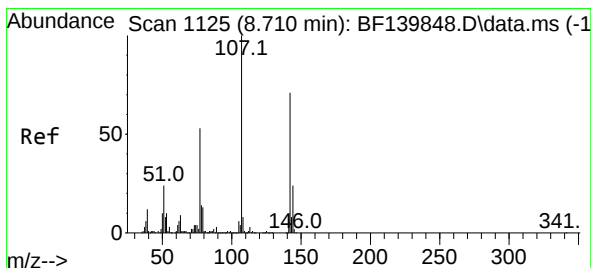
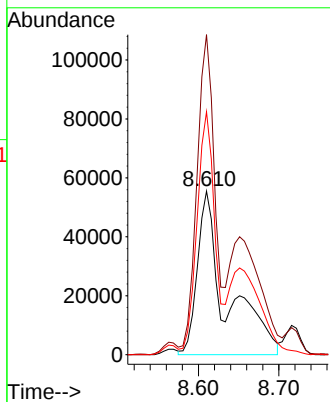
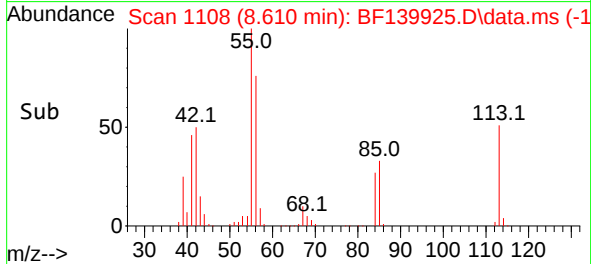
Instrument :
BNA_F
ClientSampleId :
PB164246BS



Tgt Ion:113 Resp: 13808
Ion Ratio Lower Upper
113 100
55 195.7 189.2 229.2
56 148.6 132.5 172.5

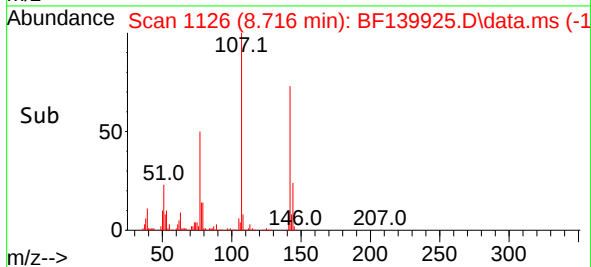
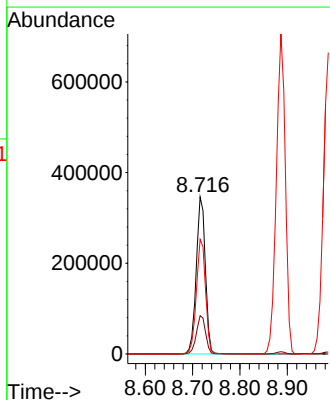
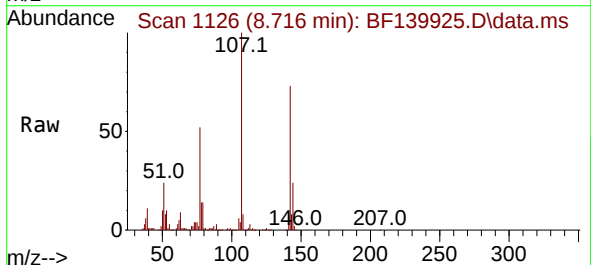
Manual Integrations
APPROVED

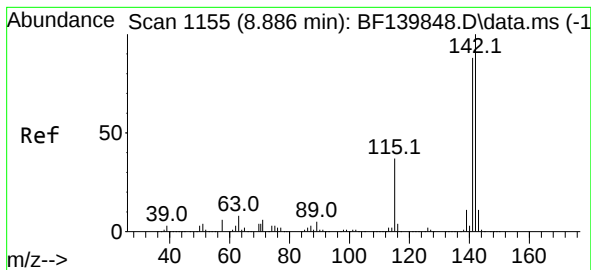
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#36
4-Chloro-3-methylphenol
Concen: 46.661 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

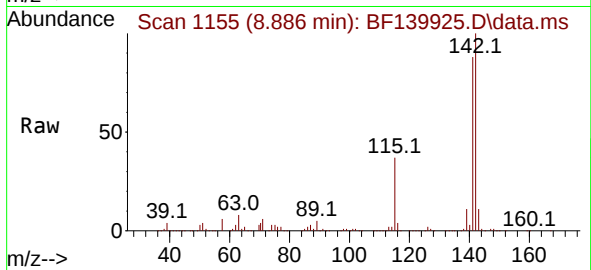
Tgt Ion:107 Resp: 464382
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 73.0 57.2 85.8





#37
2-Methylnaphthalene
Concen: 46.715 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

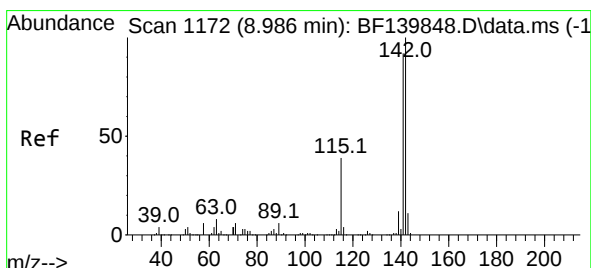
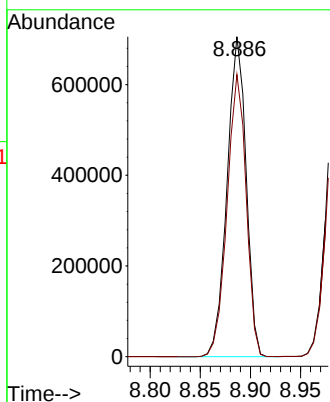
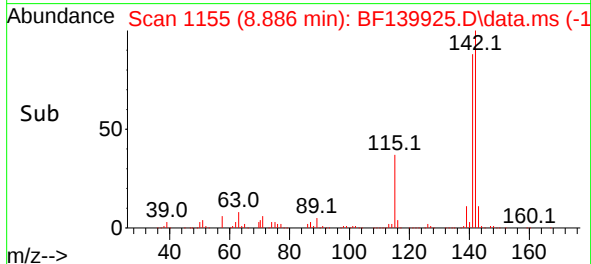
Instrument :
BNA_F
ClientSampleId :
PB164246BS



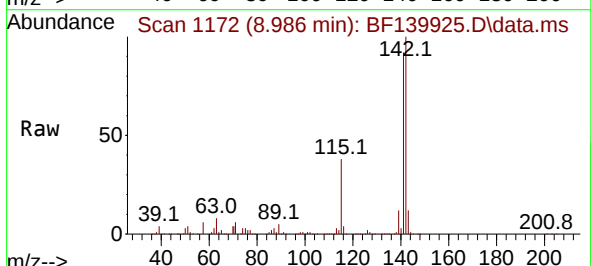
Tgt Ion:142 Resp: 93567
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

Manual Integrations
APPROVED

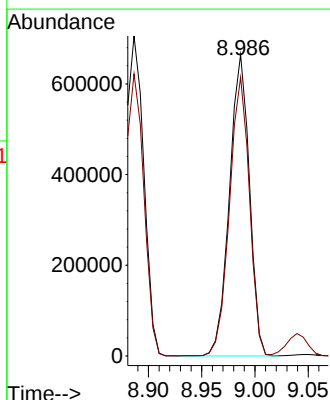
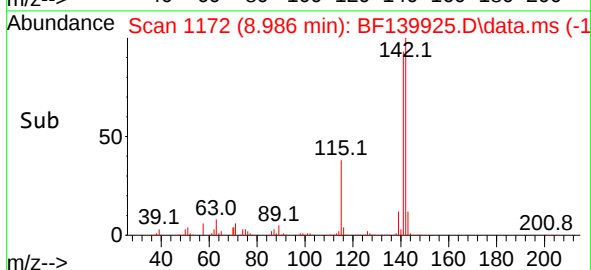
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

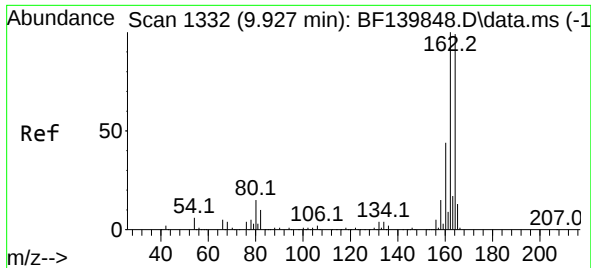


#38
1-Methylnaphthalene
Concen: 44.007 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



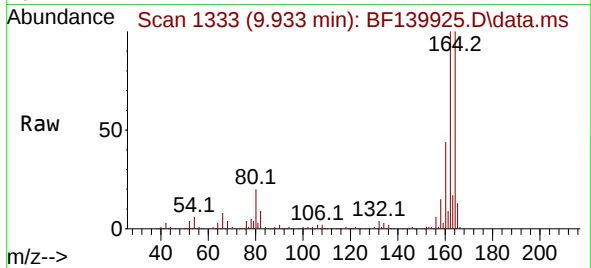
Tgt Ion:142 Resp: 864778
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

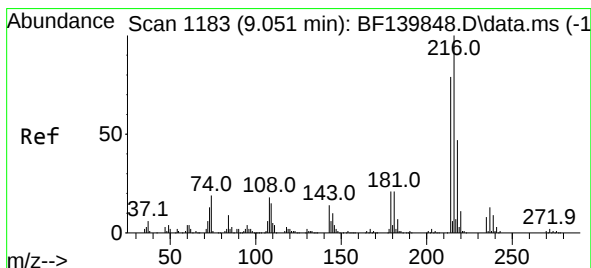
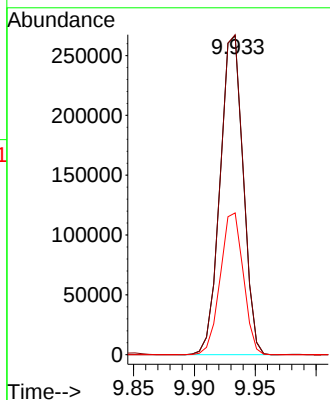
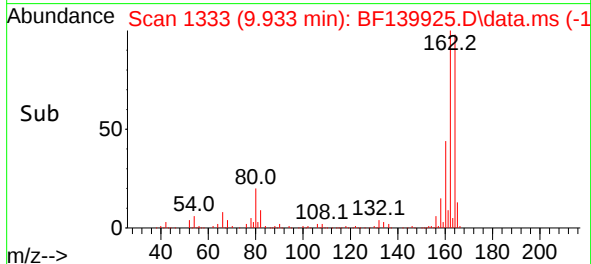
Instrument :
BNA_F
ClientSampleId :
PB164246BS



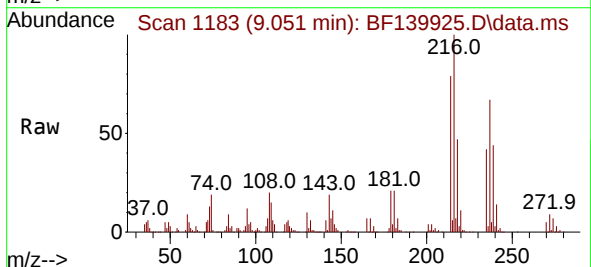
Tgt Ion:164 Resp: 351750
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.5 35.4 53.0

Manual Integrations
APPROVED

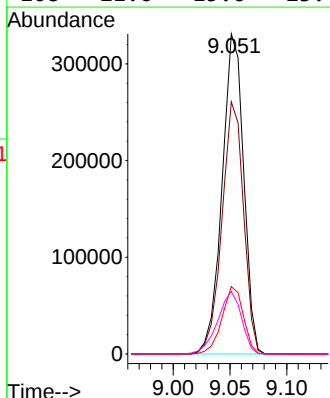
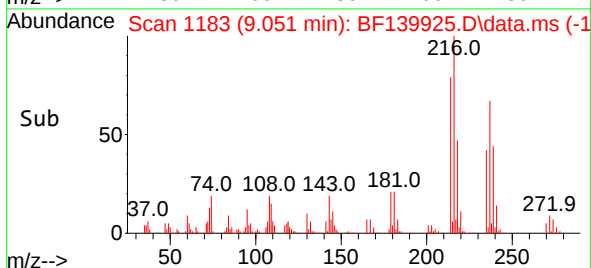
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

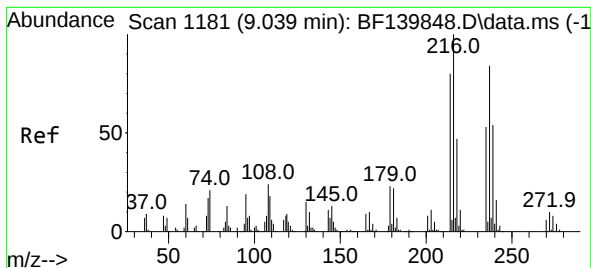


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.991 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:216 Resp: 436448
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 20.9 17.2 25.8
108 21.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 180.591 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion:237 Resp: 59631

Ion Ratio Lower Upper

237 100

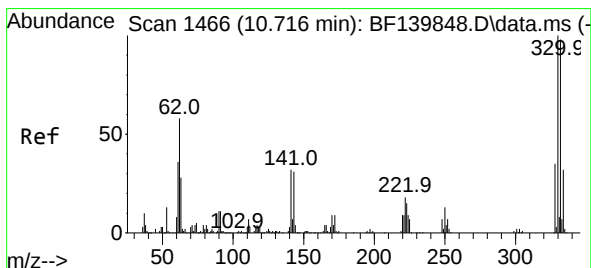
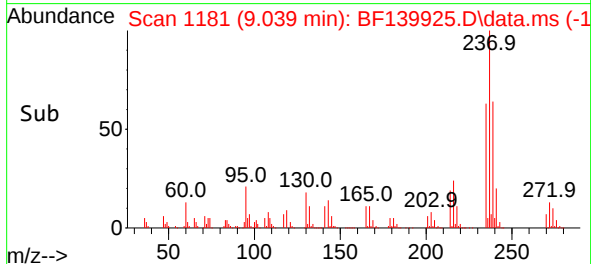
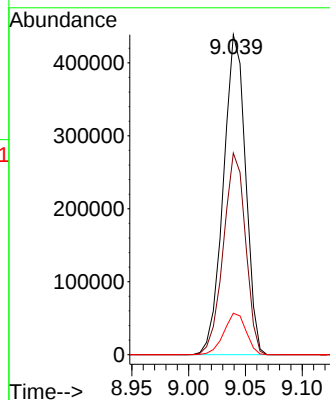
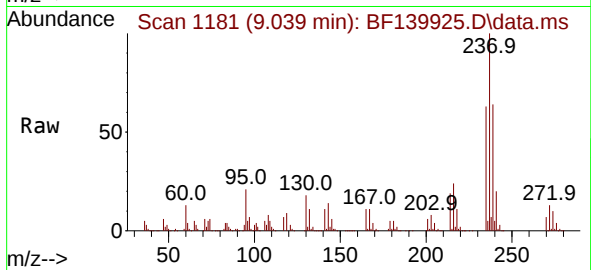
235 63.0 42.9 82.9

272 12.9 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#42

2,4,6-Tribromophenol

Concen: 150.466 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

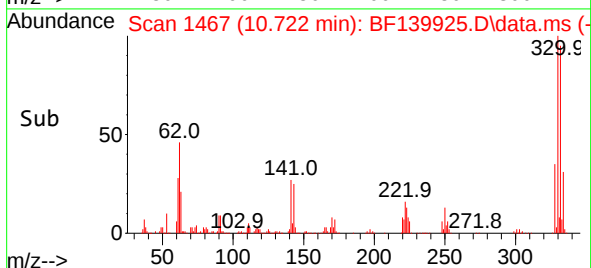
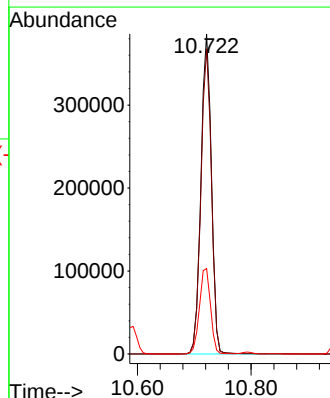
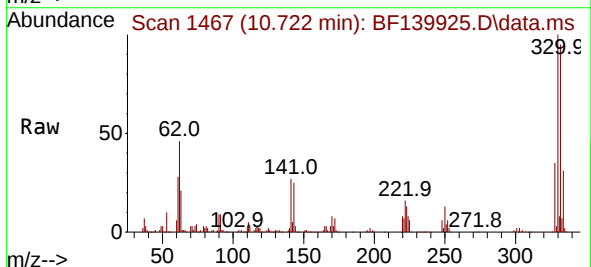
Tgt Ion:330 Resp: 495065

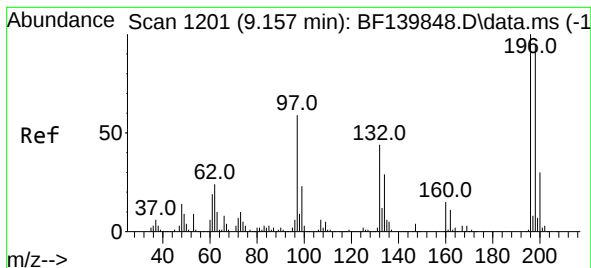
Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

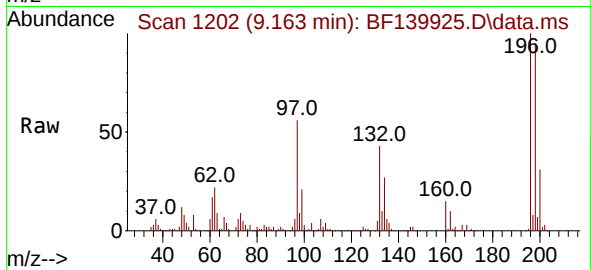
141 28.3 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 48.949 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

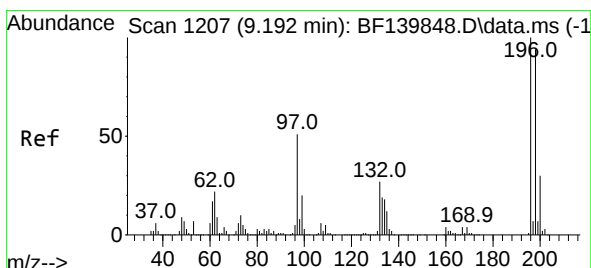
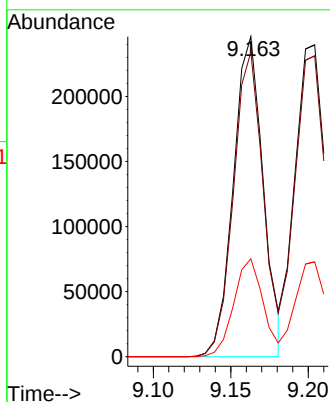
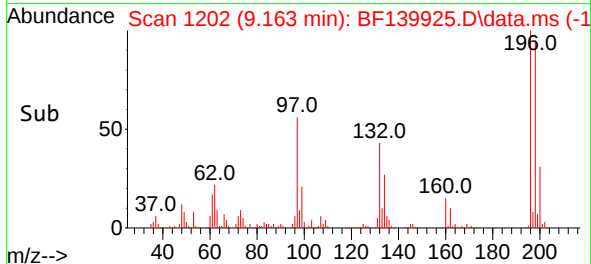
Instrument :
BNA_F
ClientSampleId :
PB164246BS



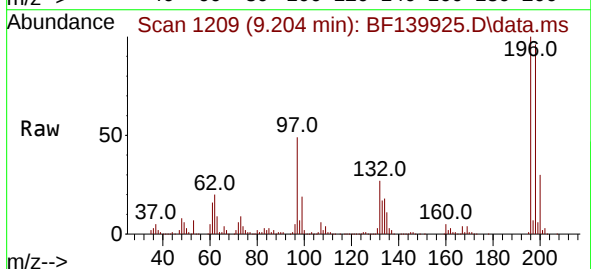
Tgt Ion:196 Resp: 328872
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.6 24.0 36.0

Manual Integrations
APPROVED

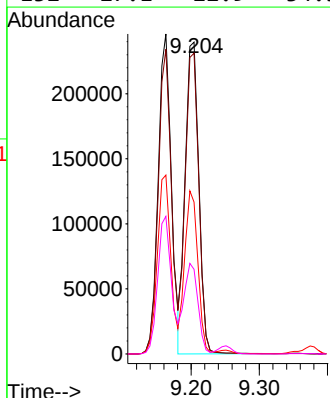
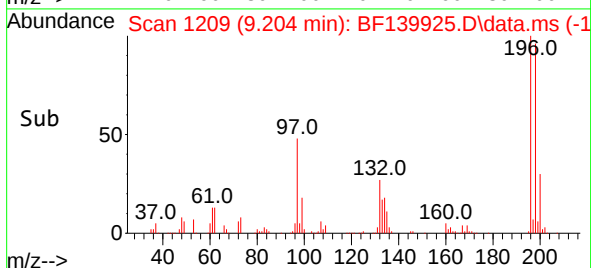
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

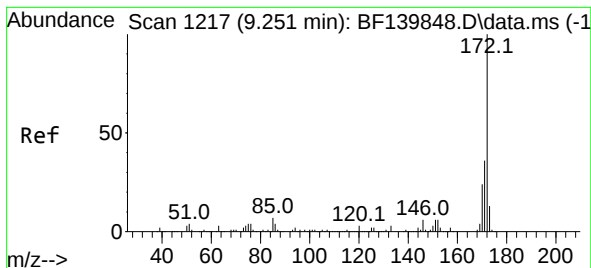


#44
2,4,5-Trichlorophenol
Concen: 47.812 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:196 Resp: 331426
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.6
97 48.7 41.8 62.6
132 27.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 89.869 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion:172 Resp: 191275

Ion Ratio Lower Upper

172 100

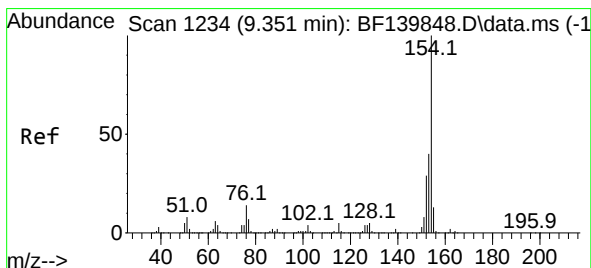
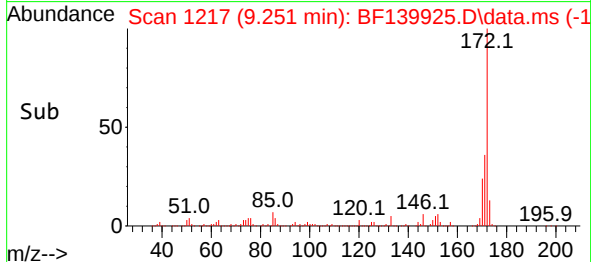
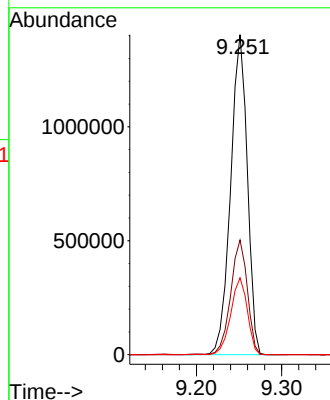
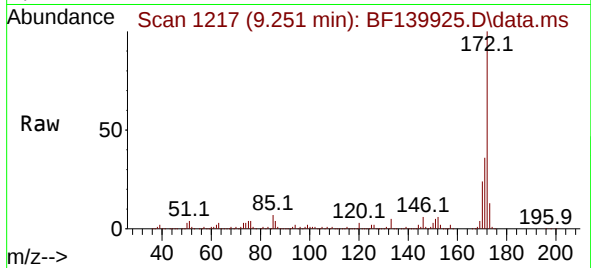
171 35.9 28.6 43.0

170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#46

1,1'-Biphenyl

Concen: 45.723 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

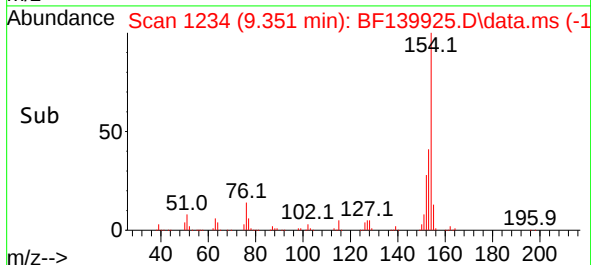
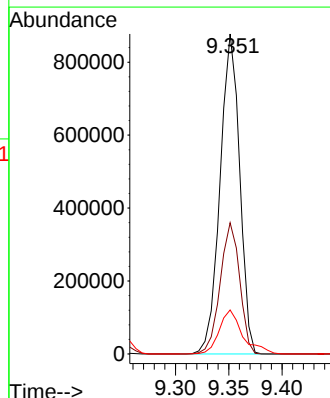
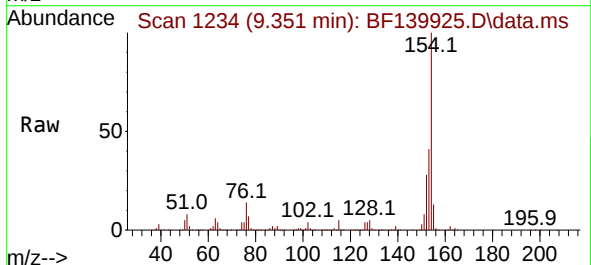
Tgt Ion:154 Resp: 1119634

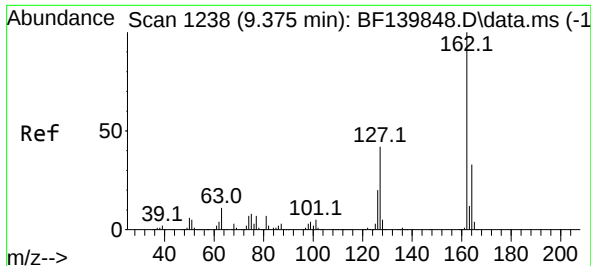
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 13.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.037 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

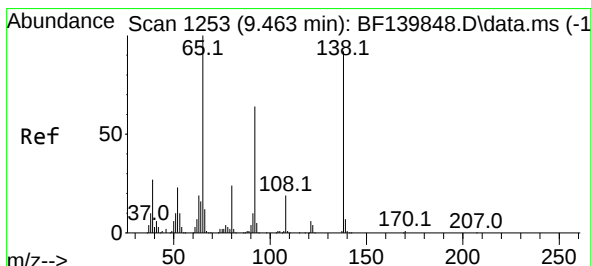
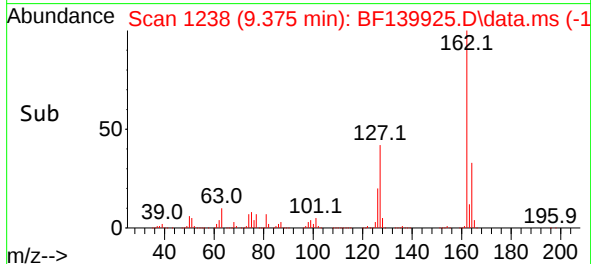
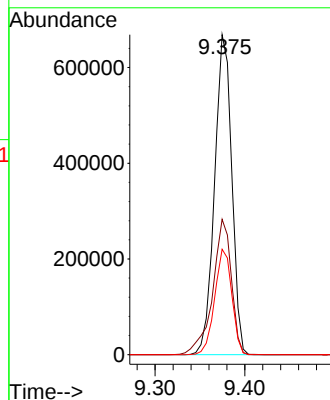
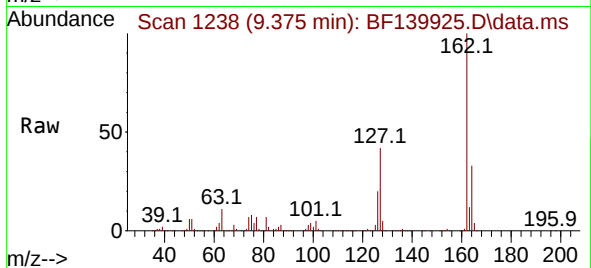
PB164246BS

Tgt Ion:162 Resp: 88824
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.8 50.6
 164 32.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#48

2-Nitroaniline

Concen: 51.160 ng

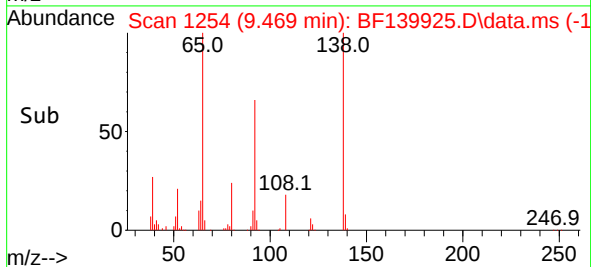
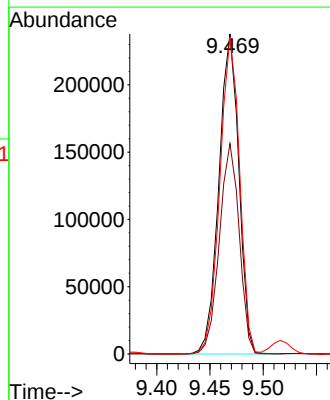
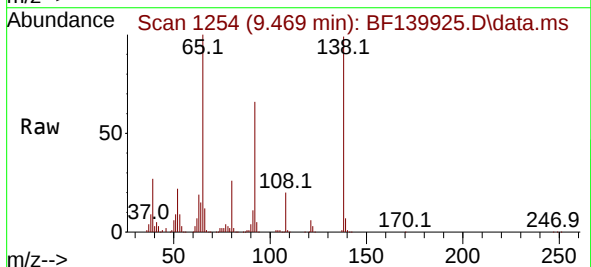
RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Tgt Ion: 65 Resp: 308595
 Ion Ratio Lower Upper
 65 100
 92 65.7 50.9 76.3
 138 99.1 73.4 110.0





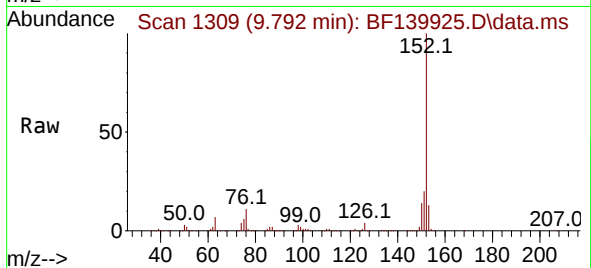
#49
Acenaphthylene
Concen: 49.044 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

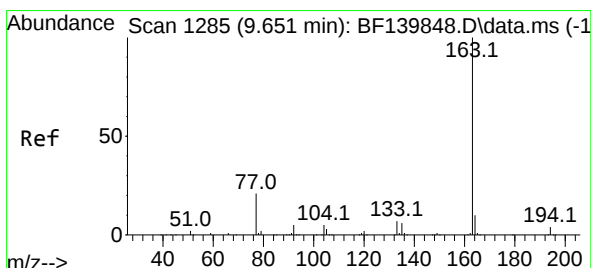
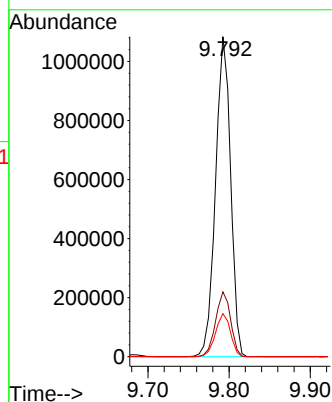
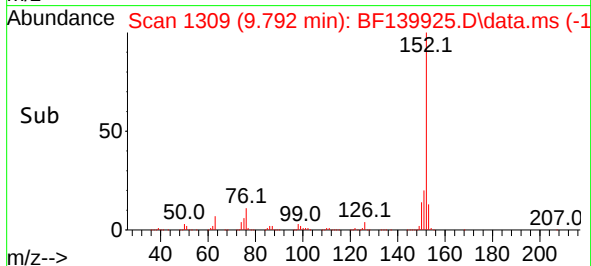


Tgt Ion:152 Resp: 139838
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 10.7 16.1

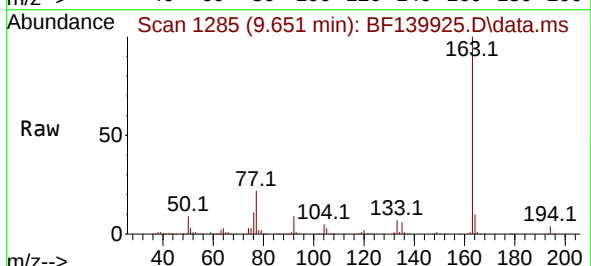
Manual Integrations

APPROVED

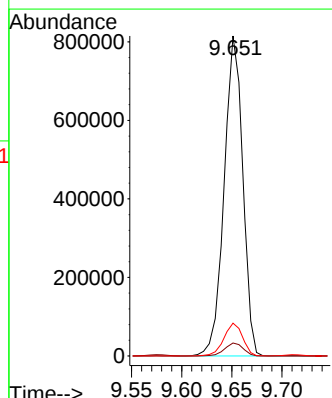
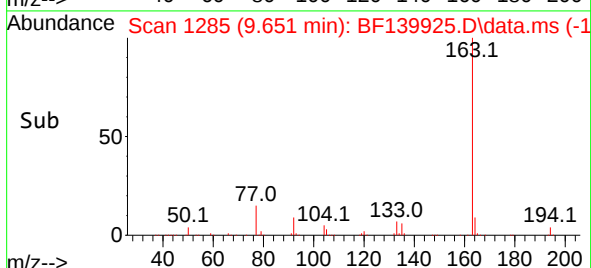
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

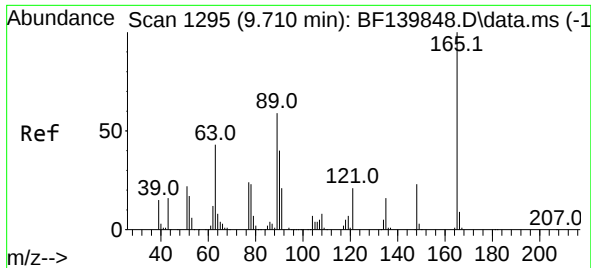


#50
Dimethylphthalate
Concen: 47.988 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:163 Resp: 1051428
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.2





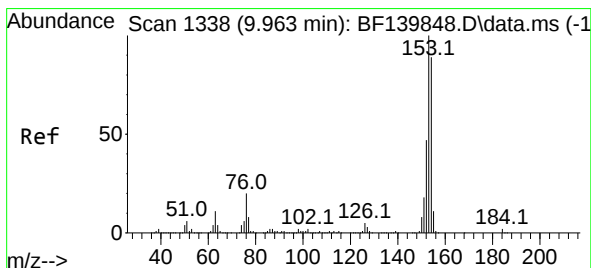
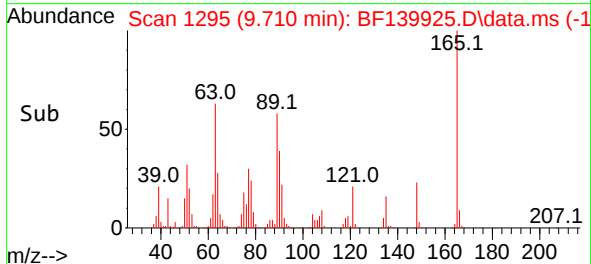
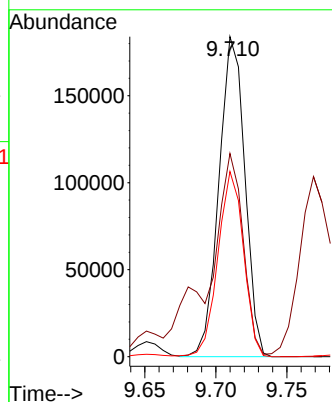
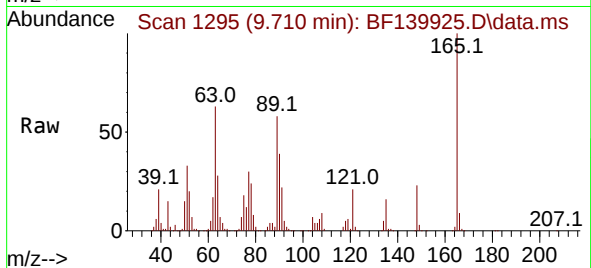
#51
2,6-Dinitrotoluene
Concen: 49.211 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Tgt Ion:165 Resp: 233458
Ion Ratio Lower Upper
165 100
63 63.5 50.6 75.8
89 57.8 47.5 71.3

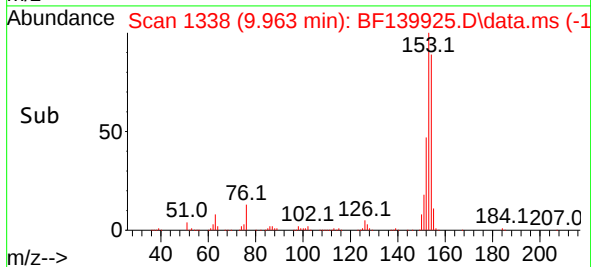
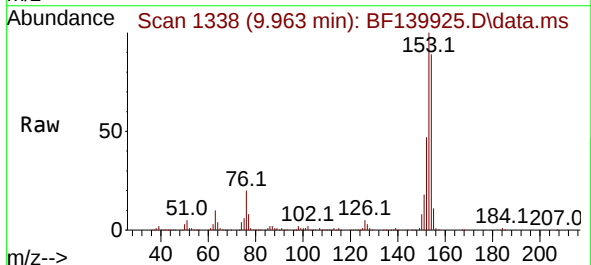
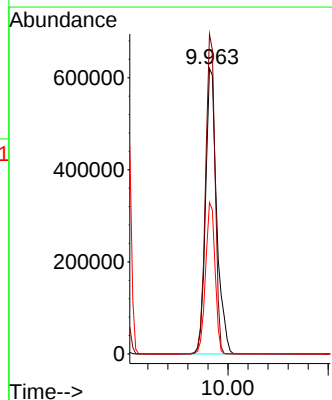
Manual Integrations
APPROVED

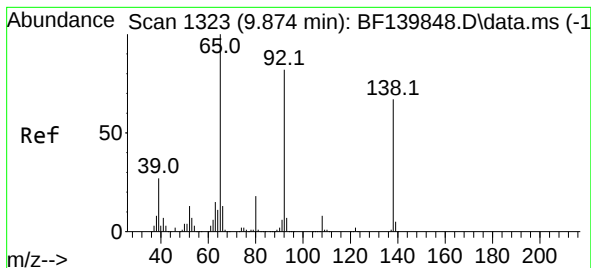
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#52
Acenaphthene
Concen: 52.234 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:154 Resp: 963445
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.6
152 53.1 42.4 63.6





#53

3-Nitroaniline

Concen: 29.045 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

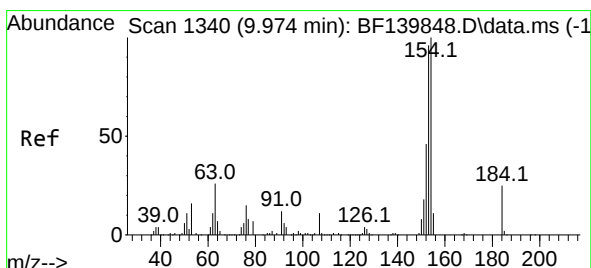
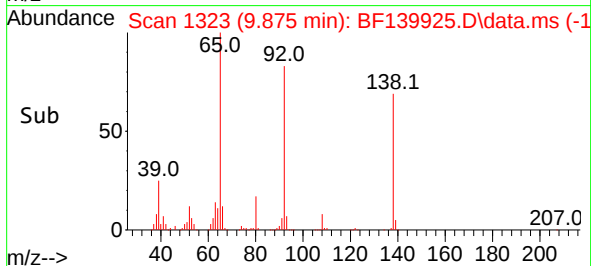
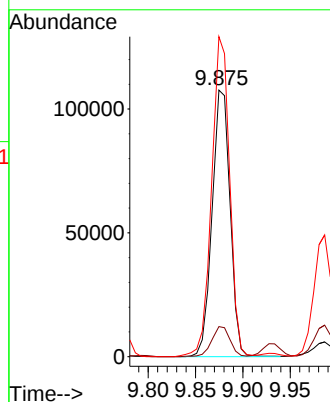
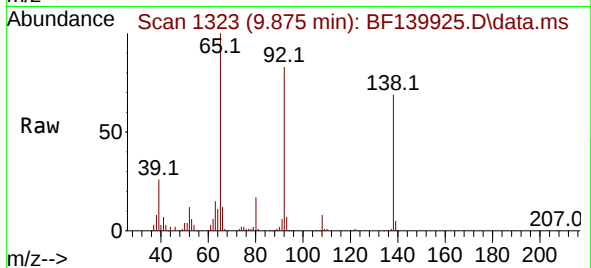
PB164246BS

Tgt Ion:138 Resp: 142095
 Ion Ratio Lower Upper
 138 100
 108 11.3 10.2 15.2
 92 120.1 98.3 147.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#54

2,4-Dinitrophenol

Concen: 121.077 ng

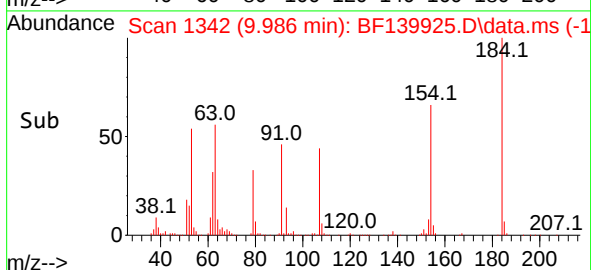
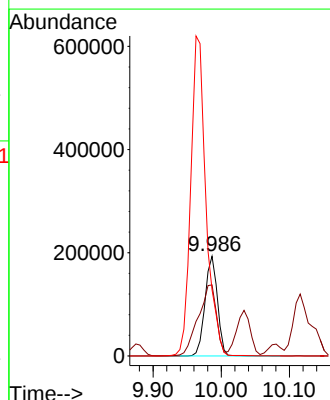
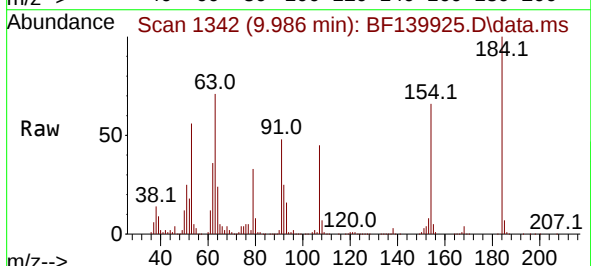
RT: 9.986 min Scan# 1342

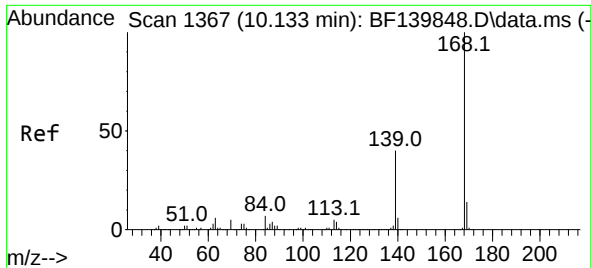
Delta R.T. 0.012 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Tgt Ion:184 Resp: 245840
 Ion Ratio Lower Upper
 184 100
 63 71.2 84.7 127.1#
 154 66.5 338.2 507.2#





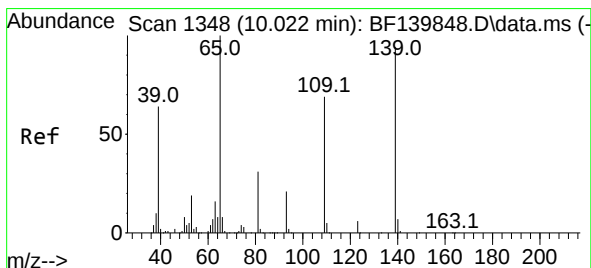
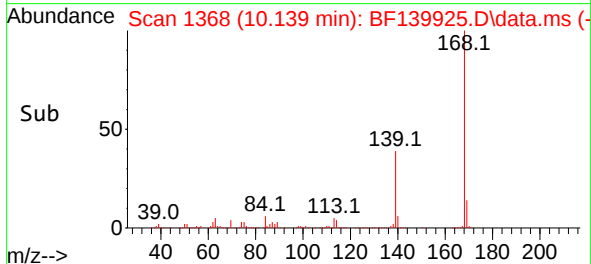
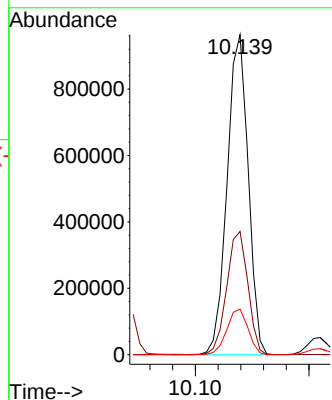
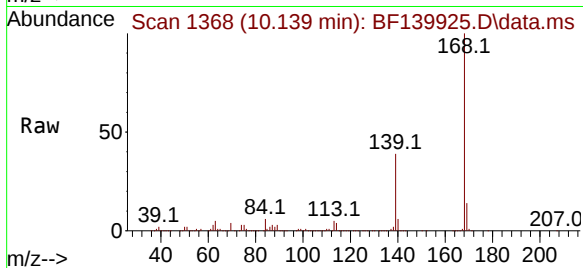
#55
Dibenzenofuran
Concen: 46.863 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Tgt Ion:168 Resp: 124017
Ion Ratio Lower Upper
168 100
139 38.5 31.8 47.6
169 14.3 11.6 17.4

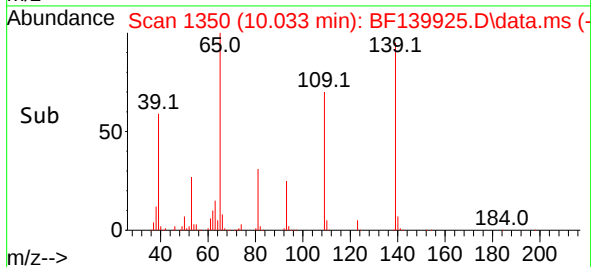
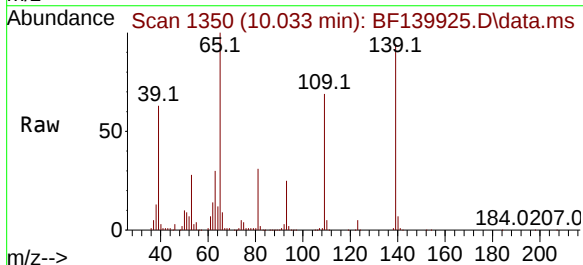
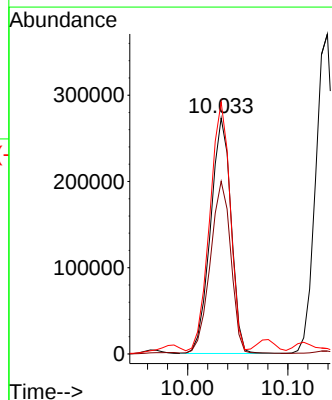
Manual Integrations
APPROVED

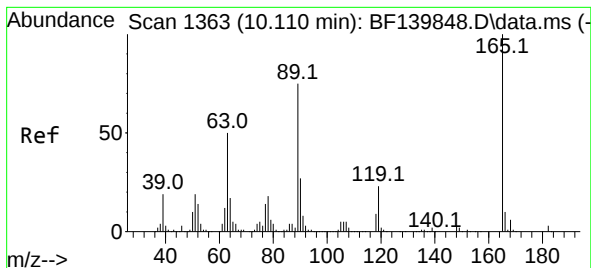
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#56
4-Nitrophenol
Concen: 103.425 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:139 Resp: 389275
Ion Ratio Lower Upper
139 100
109 73.2 53.6 93.6
65 106.8 87.8 127.8





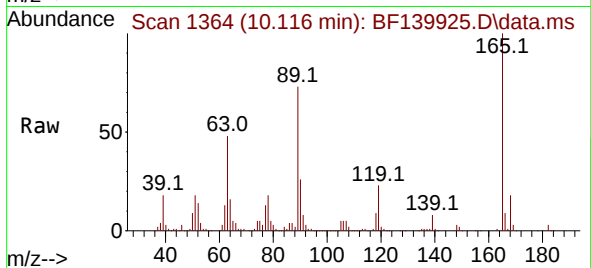
#57
2,4-Dinitrotoluene
Concen: 54.046 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

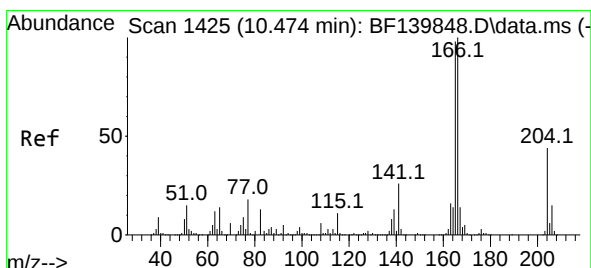
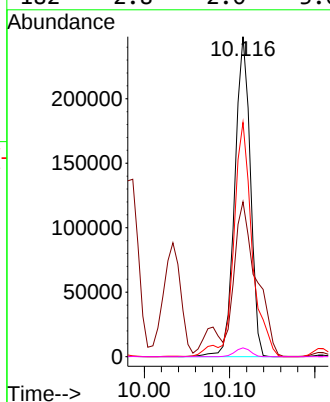
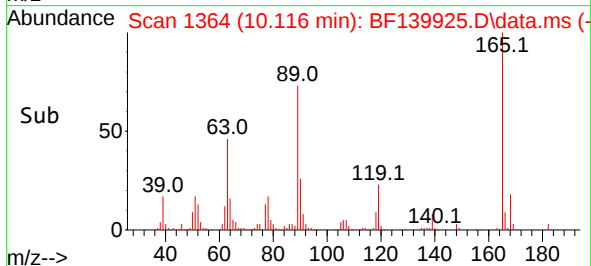


Tgt Ion:165 Resp: 315290
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 73.2 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

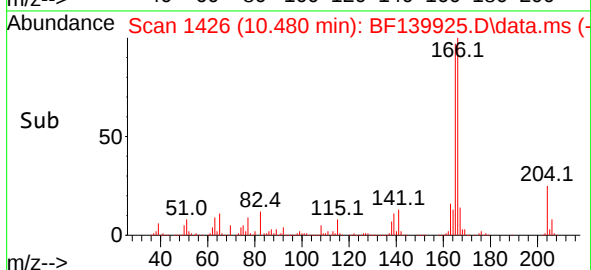
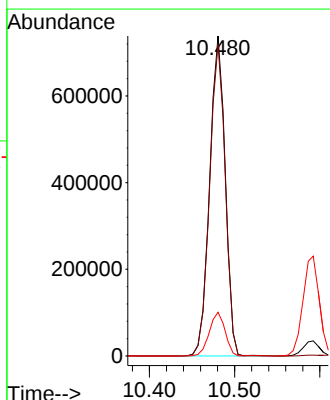
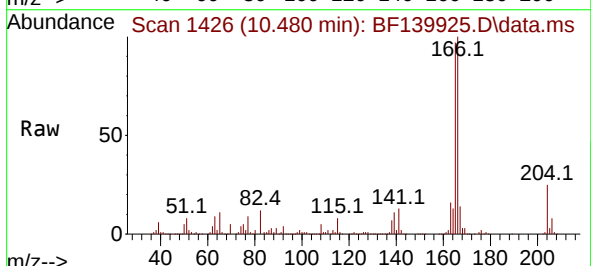
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#58
Fluorene
Concen: 46.548 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

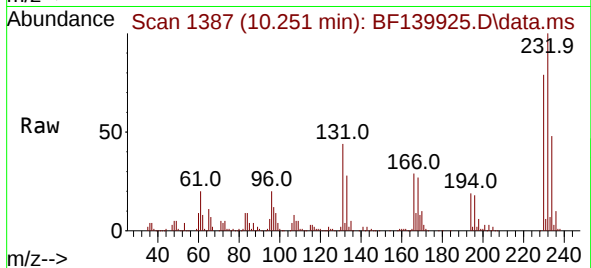
Tgt Ion:166 Resp: 938243
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.939 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

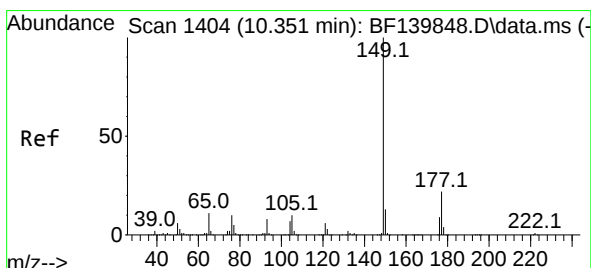
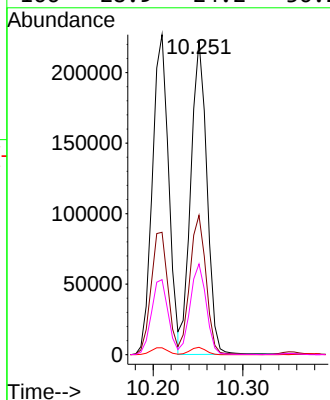
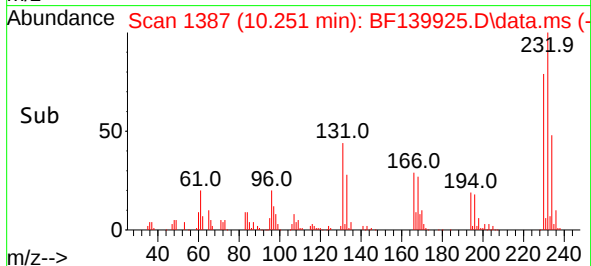
Instrument :
BNA_F
ClientSampleId :
PB164246BS



Tgt Ion:232 Resp: 27680
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.6
130 2.3 1.9 2.9
166 28.9 24.2 36.2

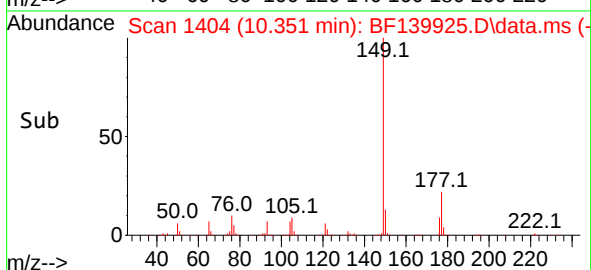
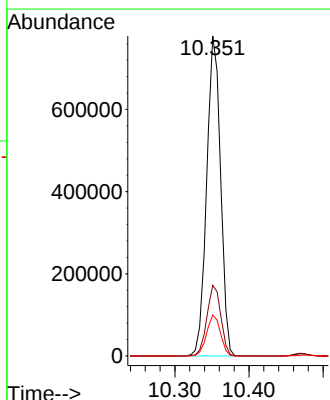
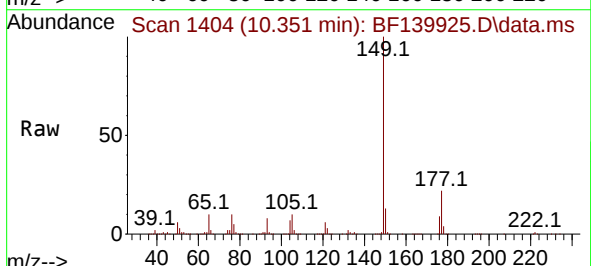
Manual Integrations
APPROVED

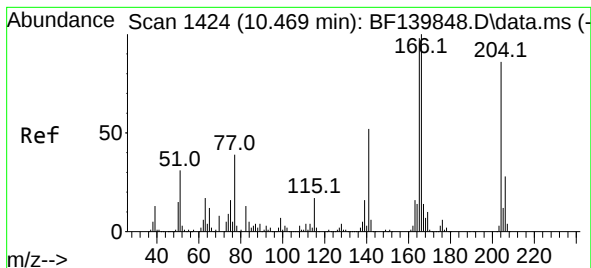
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 47.022 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

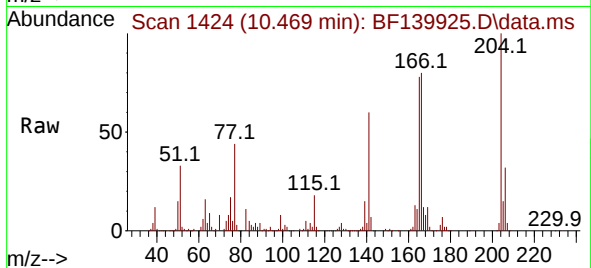
Tgt Ion:149 Resp: 1011556
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.811 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

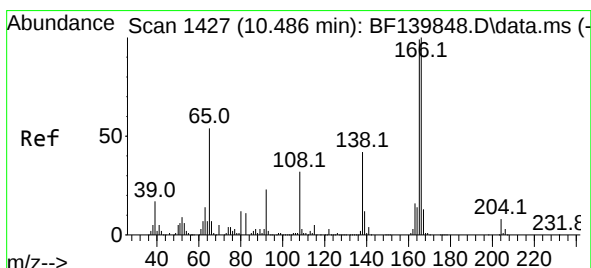
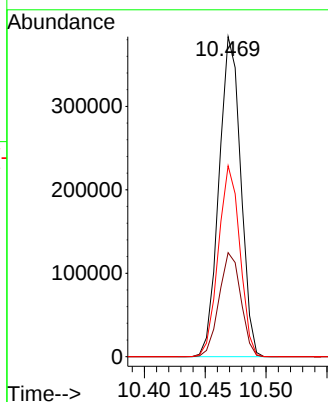
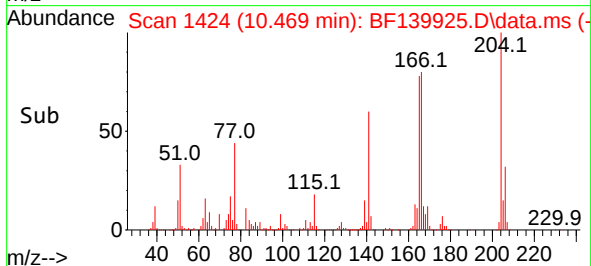
Instrument :
BNA_F
ClientSampleId :
PB164246BS



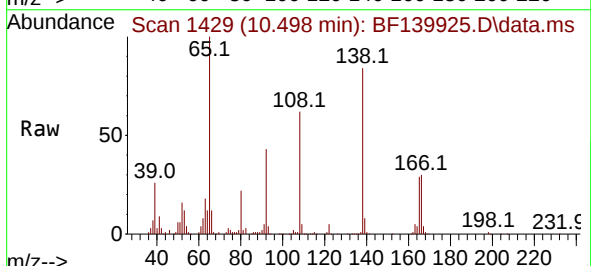
Tgt Ion:204 Resp: 476489
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.7 48.6 73.0

Manual Integrations
APPROVED

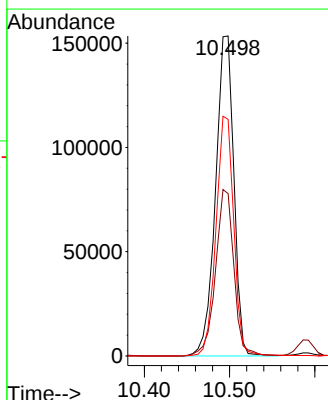
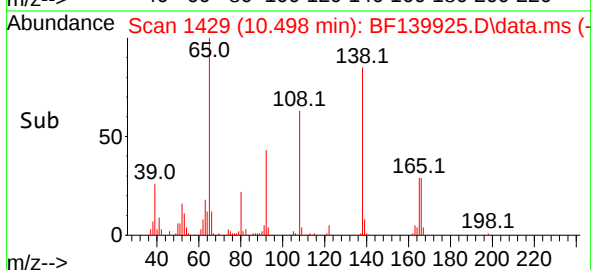
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

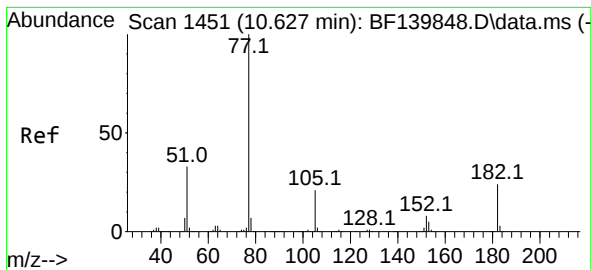


#62
4-Nitroaniline
Concen: 49.589 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:138 Resp: 229127
Ion Ratio Lower Upper
138 100
92 50.7 35.7 75.7
108 74.0 57.5 97.5





#63
Azobenzene
Concen: 46.105 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

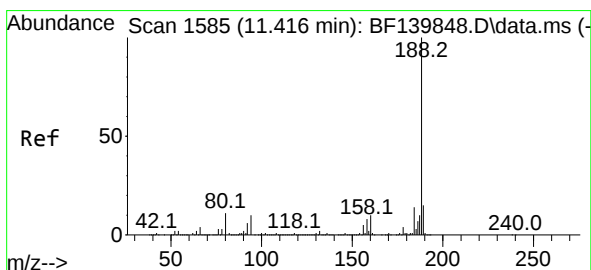
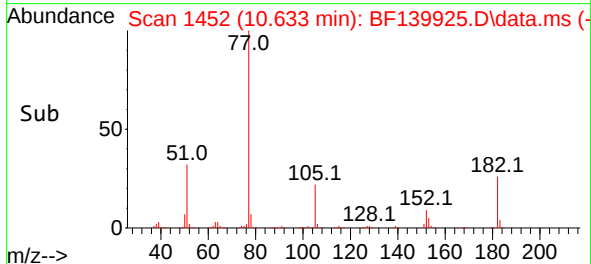
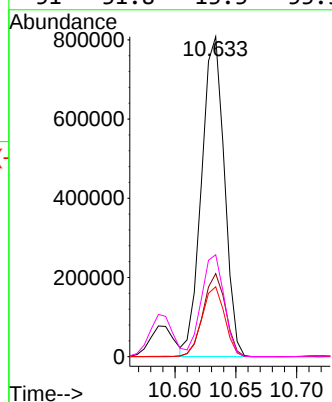
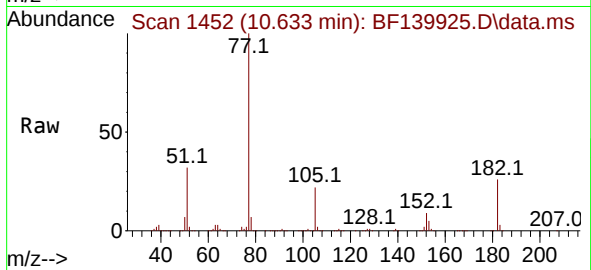
PB164246BS

Tgt Ion: 77 Resp: 105151
Ion Ratio Lower Upper
77 100
182 26.0 3.3 43.3
105 21.8 1.2 41.2
51 31.8 13.3 53.3

Manual Integrations

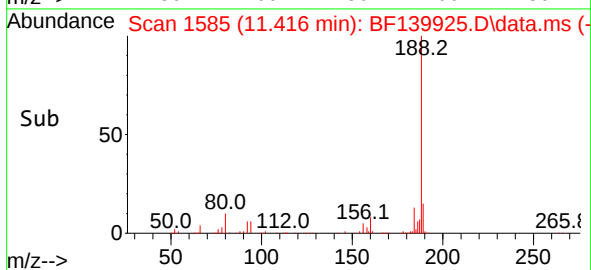
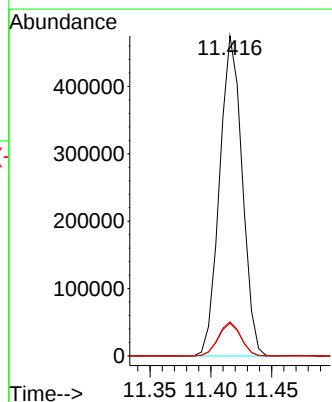
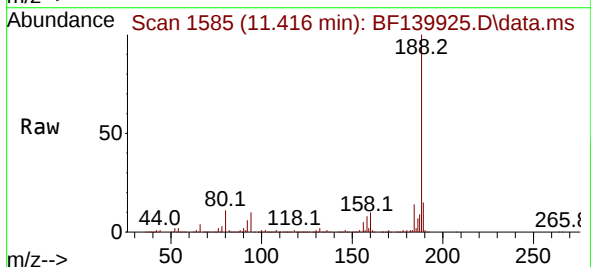
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:188 Resp: 613564
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 10.7 9.0 13.4





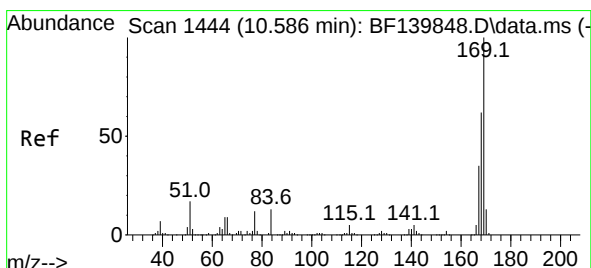
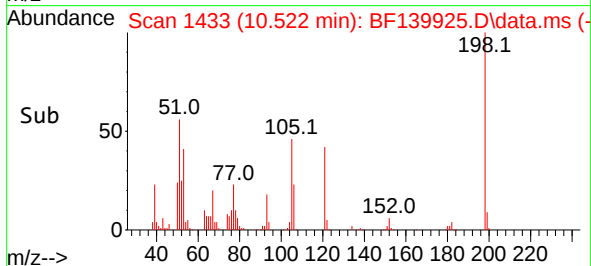
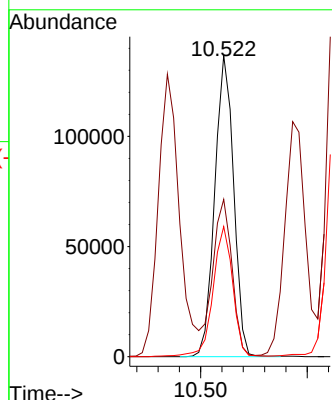
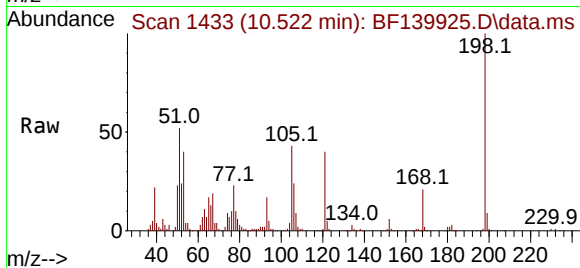
#65
4,6-Dinitro-2-methylphenol
Concen: 67.103 ng
RT: 10.522 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Tgt Ion:198 Resp: 167938
Ion Ratio Lower Upper
198 100
51 52.2 38.2 78.2
105 43.2 27.9 67.9

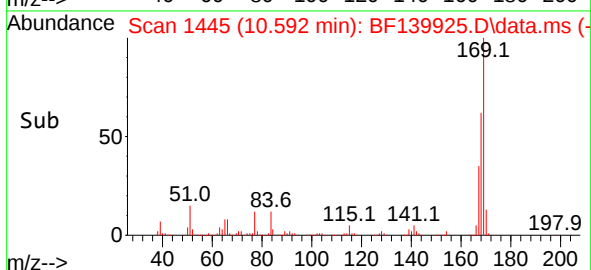
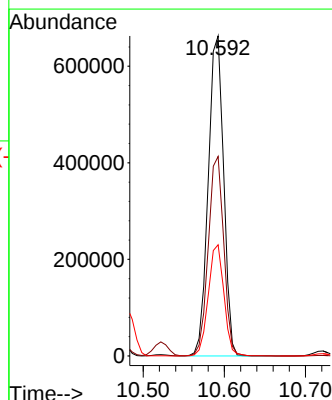
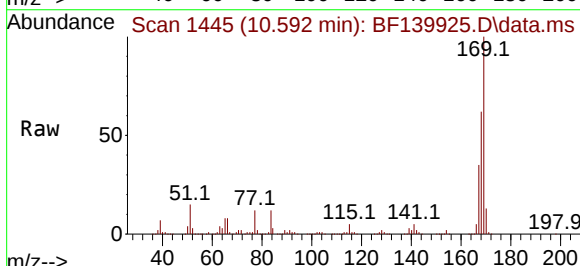
Manual Integrations
APPROVED

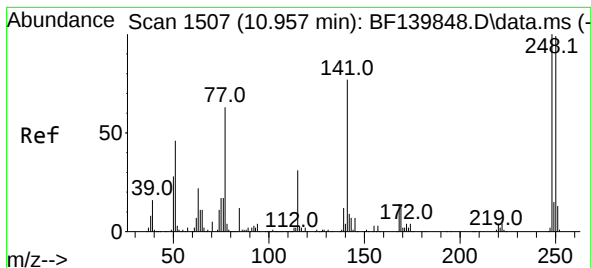
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#66
n-Nitrosodiphenylamine
Concen: 47.456 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

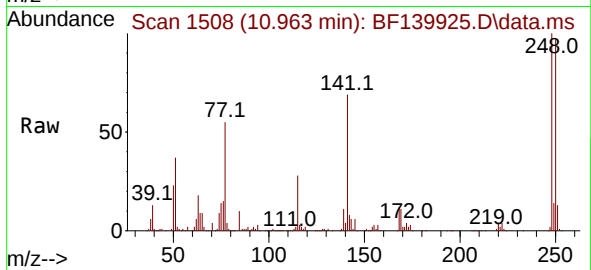
Tgt Ion:169 Resp: 871477
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 48.620 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

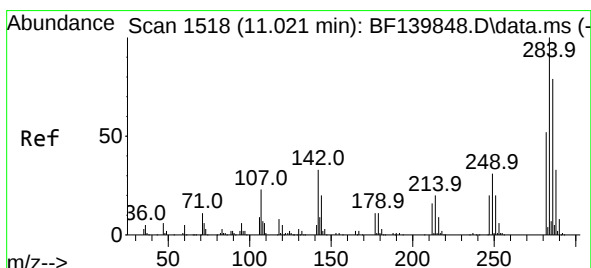
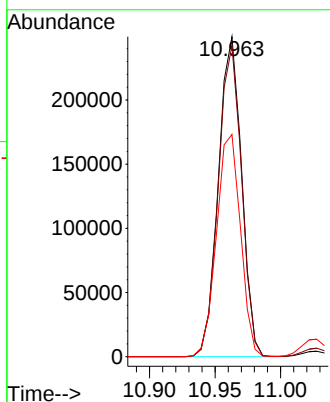
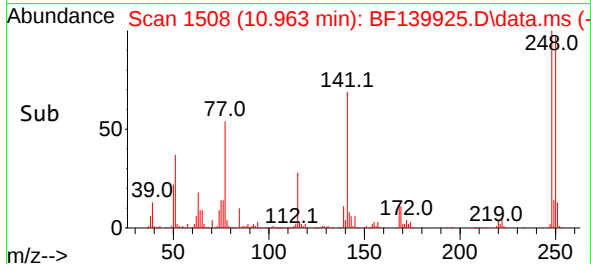
Instrument :
BNA_F
ClientSampleId :
PB164246BS



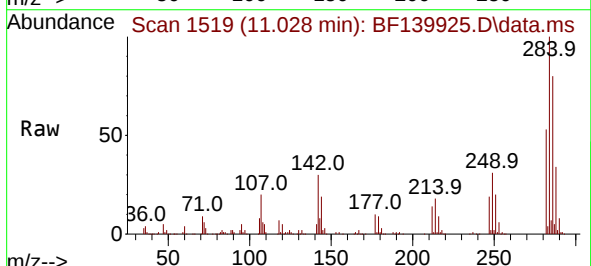
Tgt Ion:248 Resp: 307318
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.6
141 69.4 61.7 92.5

Manual Integrations
APPROVED

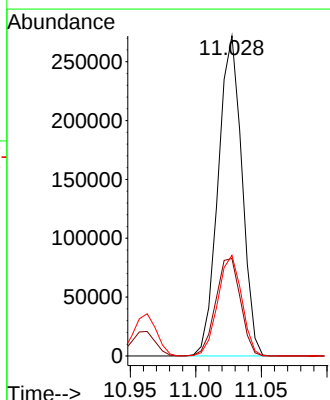
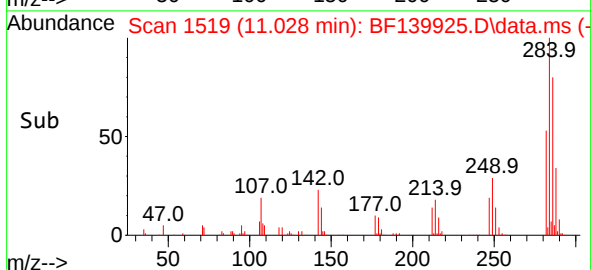
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

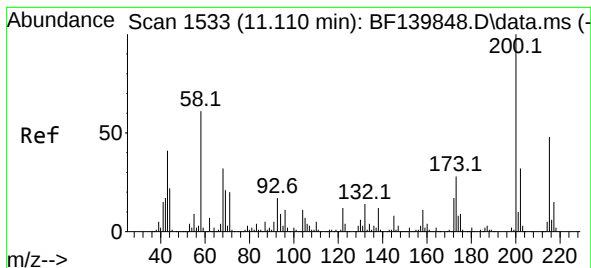


#68
Hexachlorobenzene
Concen: 48.123 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:284 Resp: 342097
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 31.5 25.3 37.9





#69

Atrazine

Concen: 55.680 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion:200 Resp: 276980

Ion Ratio Lower Upper

200 100

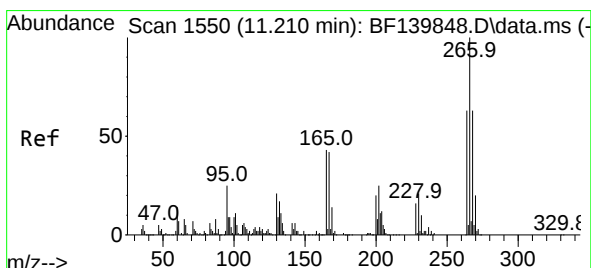
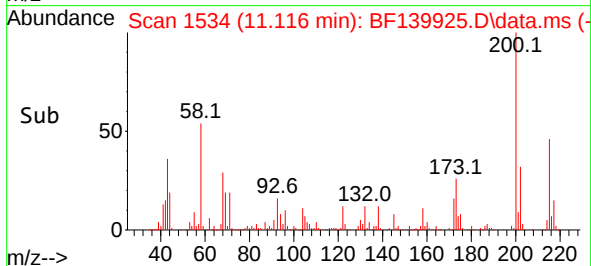
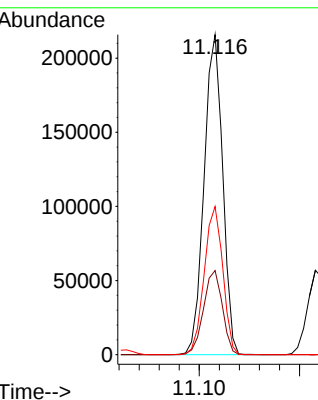
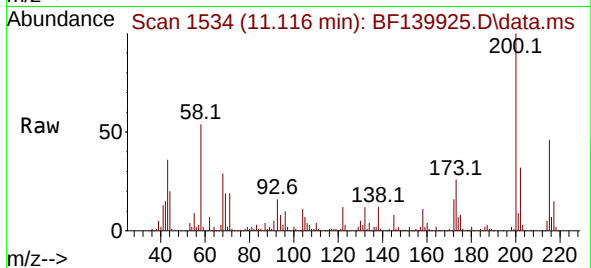
173 26.3 7.7 47.7

215 46.3 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 97.837 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

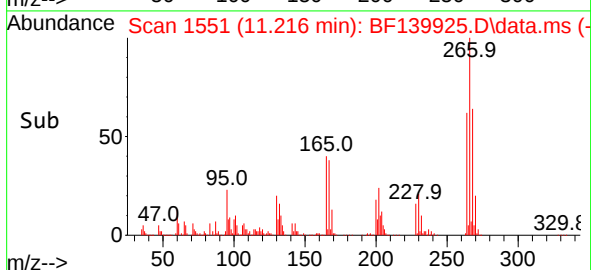
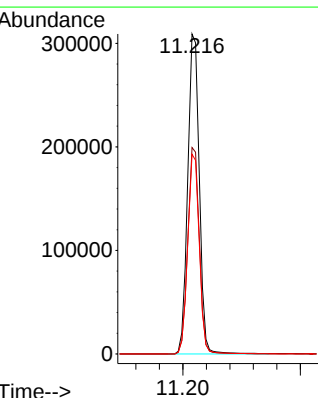
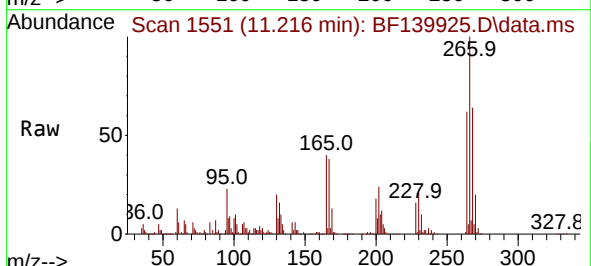
Tgt Ion:266 Resp: 422111

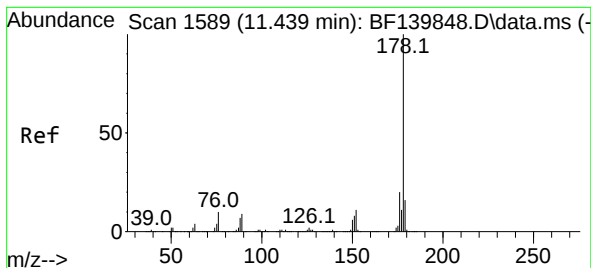
Ion Ratio Lower Upper

266 100

268 64.5 50.4 75.6

264 62.4 50.6 75.8





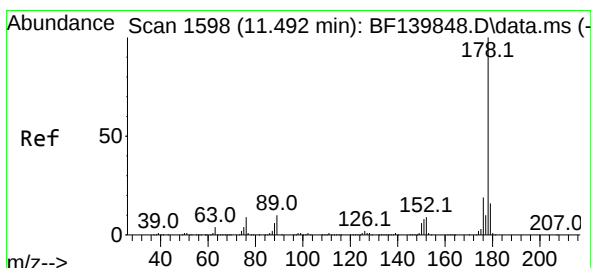
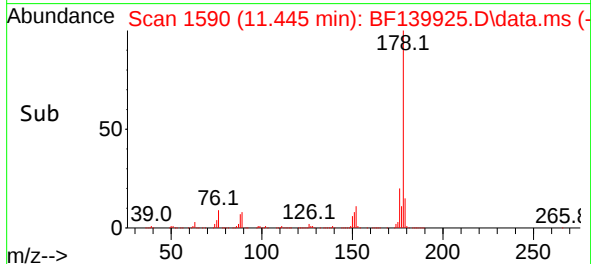
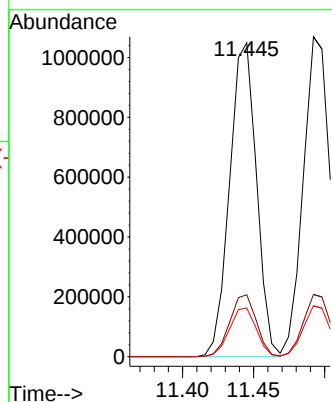
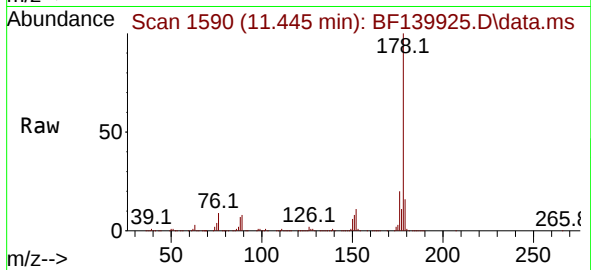
#71
Phenanthrene
Concen: 47.647 ng
RT: 11.445 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Tgt Ion:178 Resp: 1380900
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.5 12.6 18.8

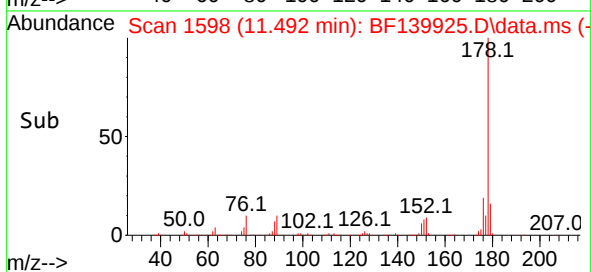
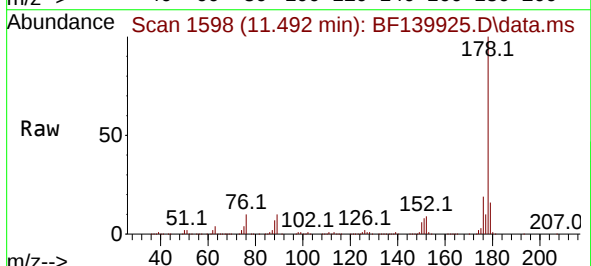
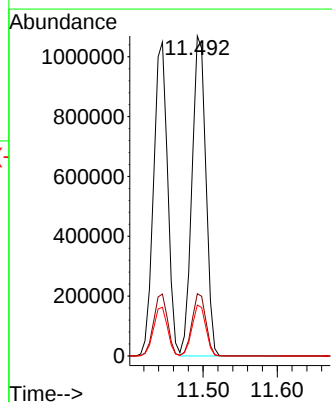
Manual Integrations
APPROVED

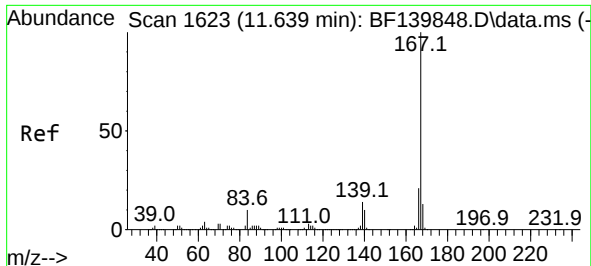
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#72
Anthracene
Concen: 49.177 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

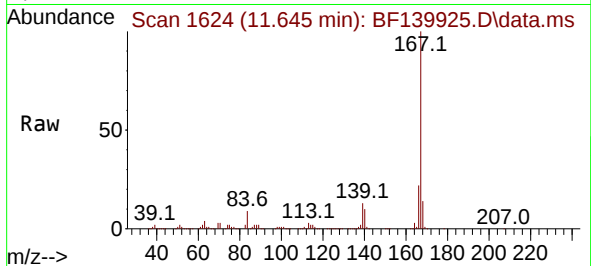
Tgt Ion:178 Resp: 1390606
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 45.644 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139925.D
 Acq: 22 Oct 2024 13:31

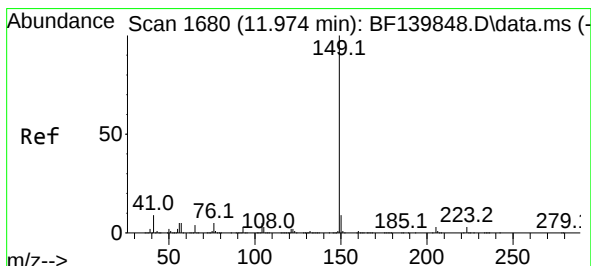
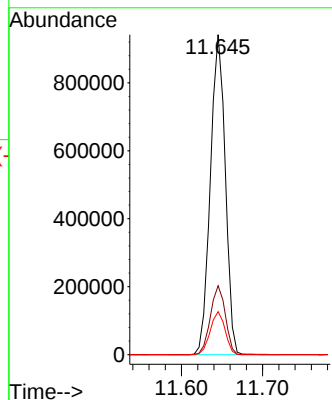
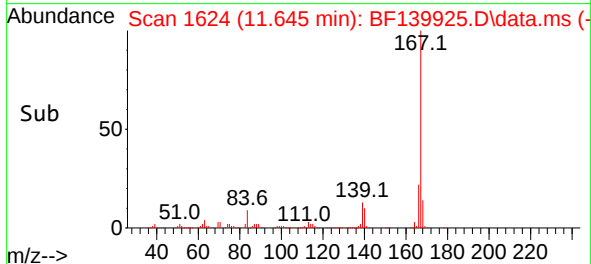
Instrument :
 BNA_F
 ClientSampleId :
 PB164246BS



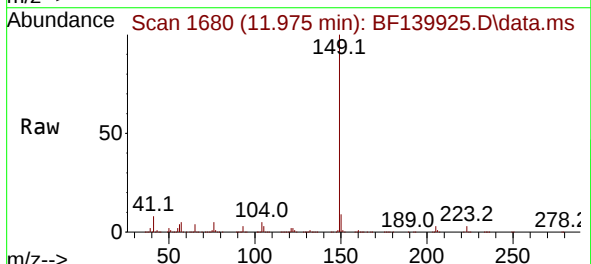
Tgt Ion:167 Resp: 1200379
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.4 10.8 16.2

Manual Integrations
 APPROVED

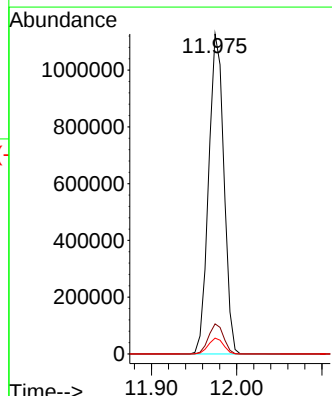
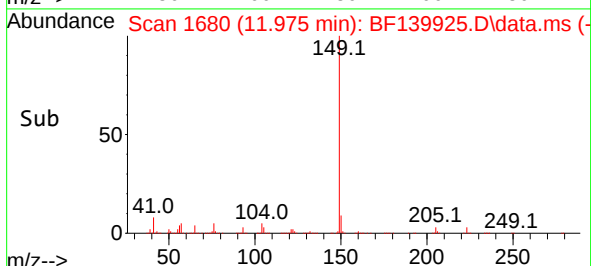
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

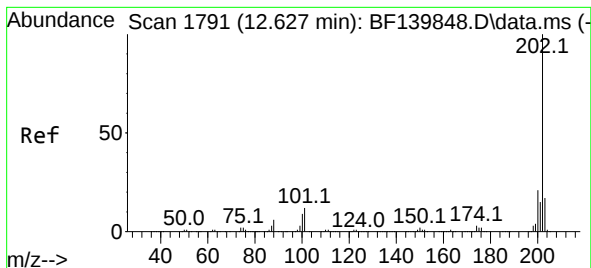


#74
 Di-n-butylphthalate
 Concen: 46.202 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139925.D
 Acq: 22 Oct 2024 13:31



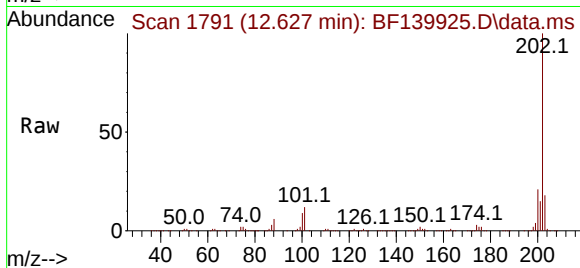
Tgt Ion:149 Resp: 1403776
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 45.636 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

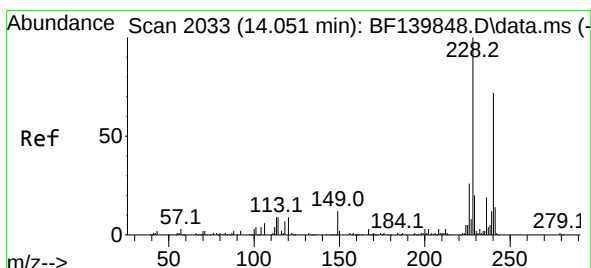
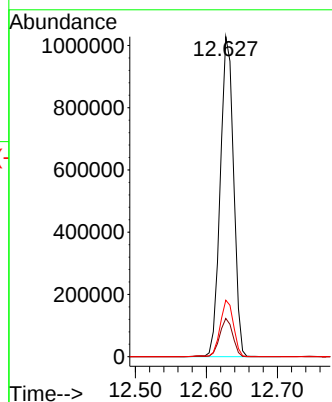
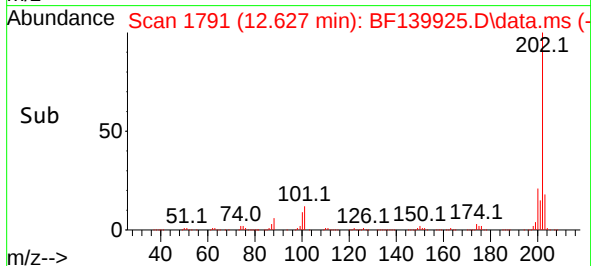
Instrument :
BNA_F
ClientSampleId :
PB164246BS



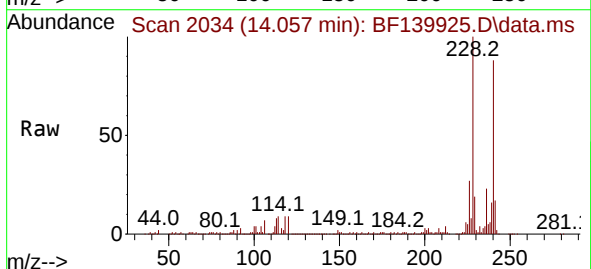
Tgt Ion:202 Resp: 133706
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations
APPROVED

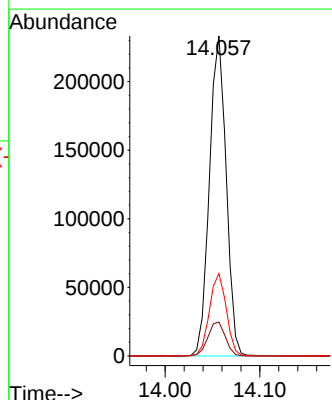
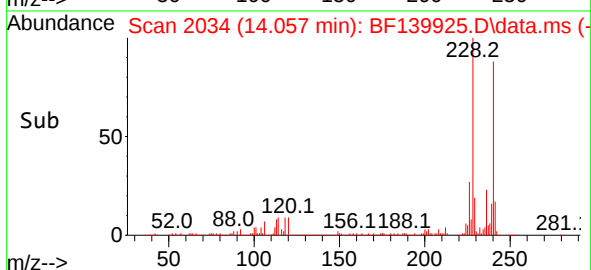
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

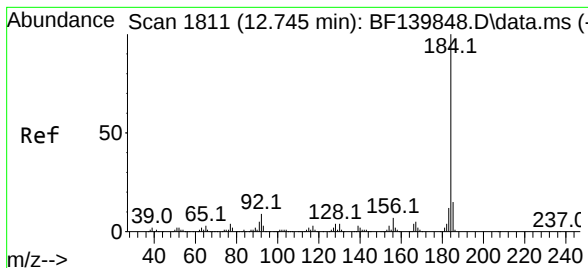


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:240 Resp: 286399
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 51.771 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion:184 Resp: 243808

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

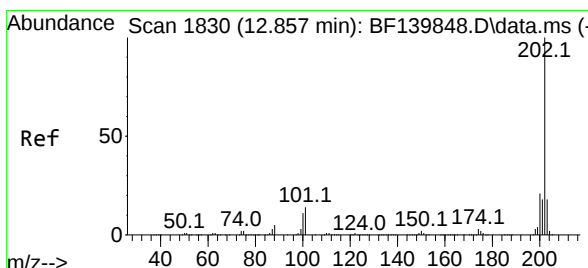
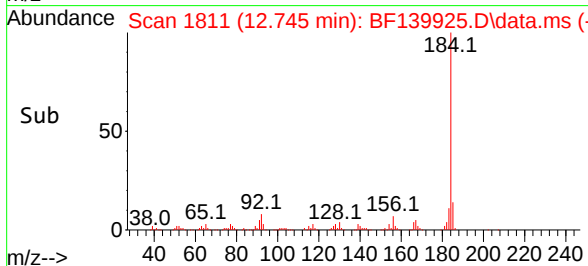
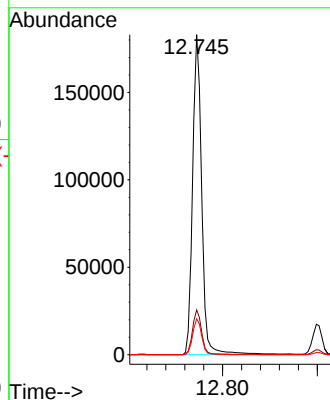
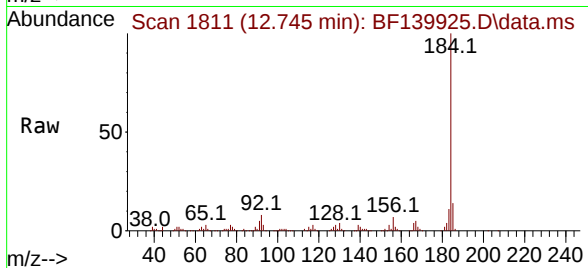
183 11.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#78

Pyrene

Concen: 53.107 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

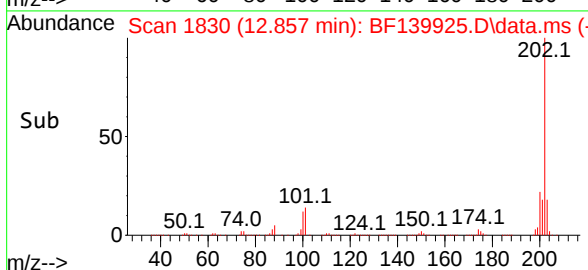
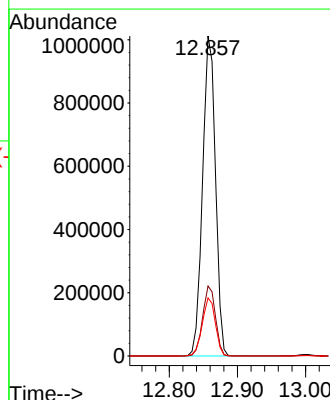
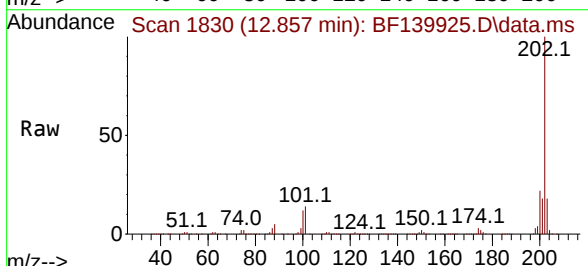
Tgt Ion:202 Resp: 1331365

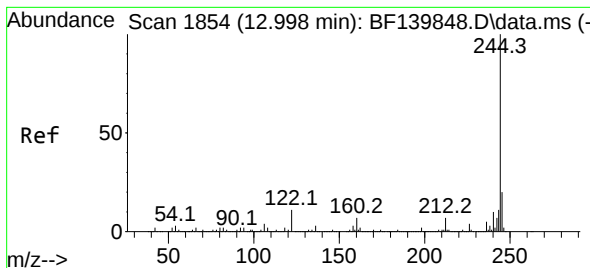
Ion Ratio Lower Upper

202 100

200 21.9 17.2 25.8

203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 107.232 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139925.D

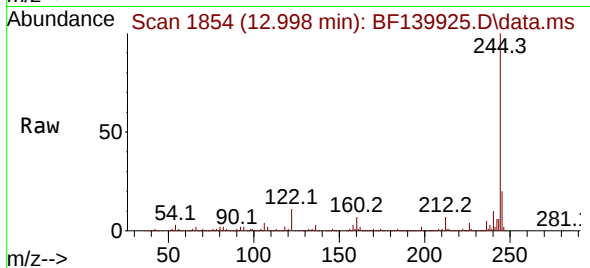
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS



Tgt Ion:244 Resp: 188471

Ion Ratio Lower Upper

244 100

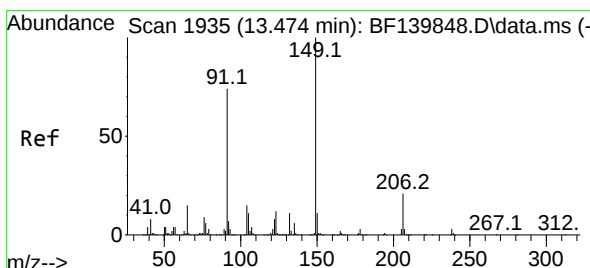
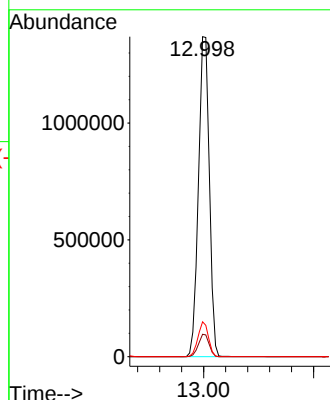
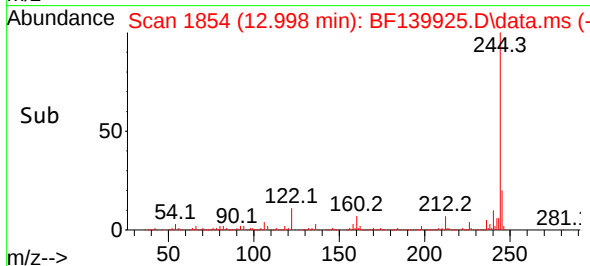
212 7.0 5.7 8.5

122 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#80

Butylbenzylphthalate

Concen: 52.921 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

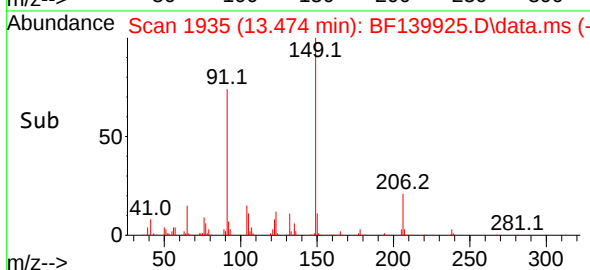
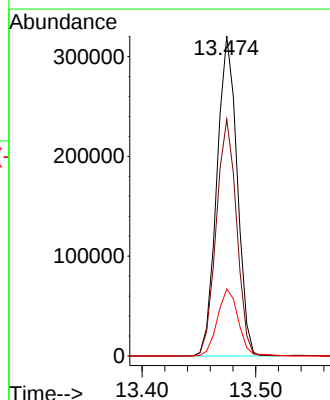
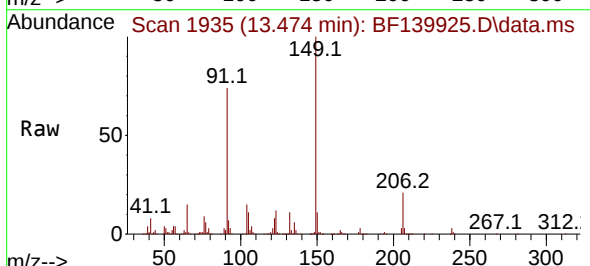
Tgt Ion:149 Resp: 397744

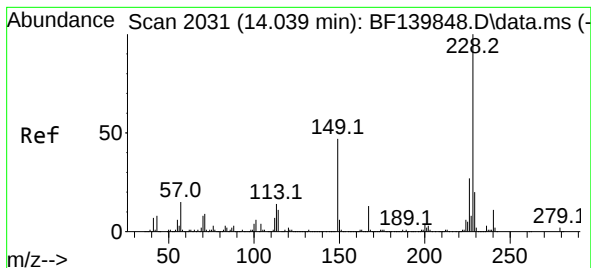
Ion Ratio Lower Upper

149 100

91 73.9 59.4 89.2

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.433 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

Tgt Ion:228 Resp: 921614

Ion Ratio Lower Upper

228 100

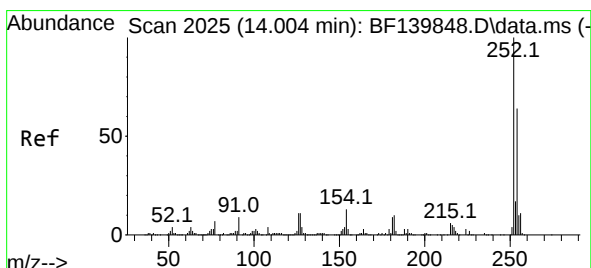
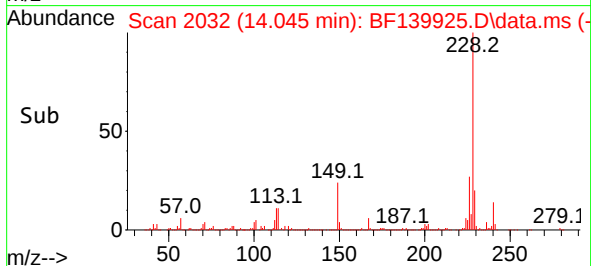
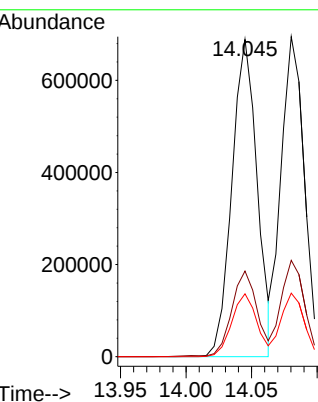
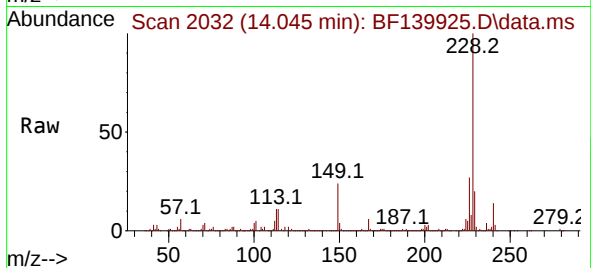
226 27.0 21.6 32.4

229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.407 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

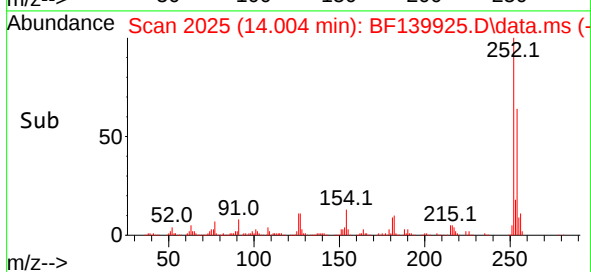
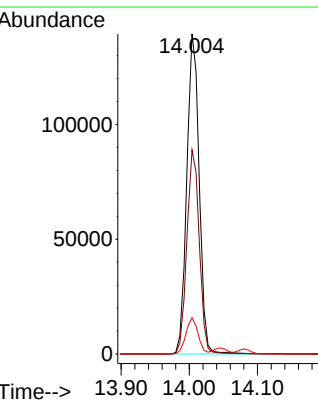
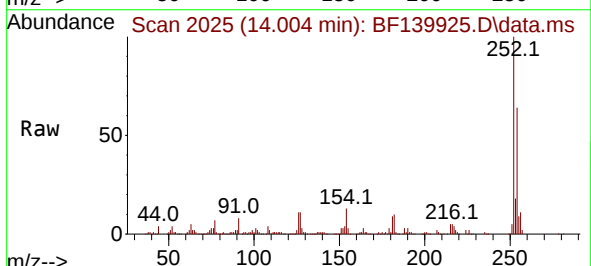
Tgt Ion:252 Resp: 176158

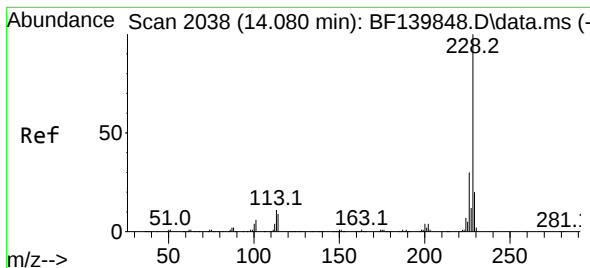
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.3 8.9 13.3





#83

Chrysene

Concen: 49.858 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139925.D

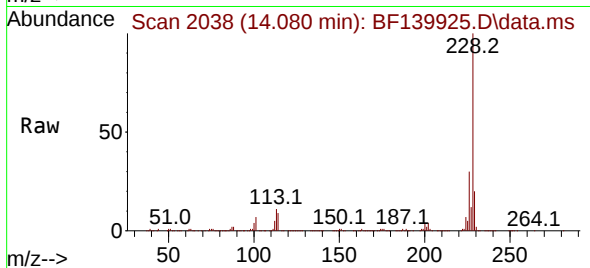
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

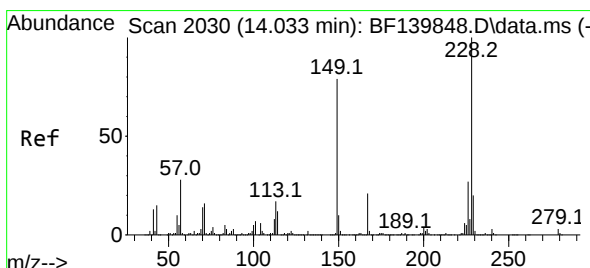
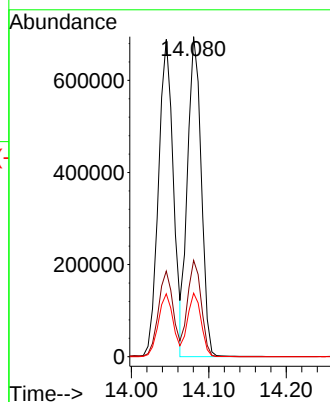
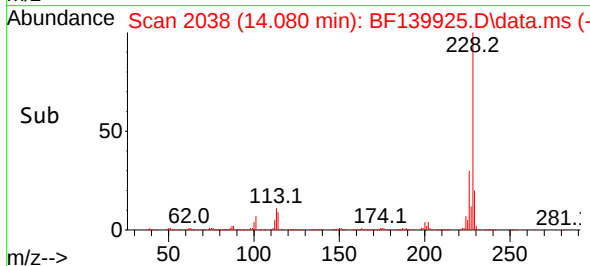


Tgt Ion:	228	Resp:	85226
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.325 ng

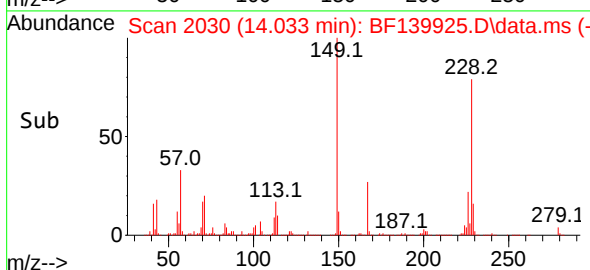
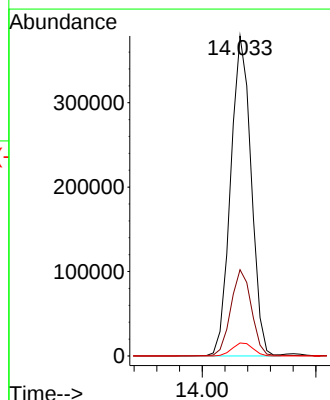
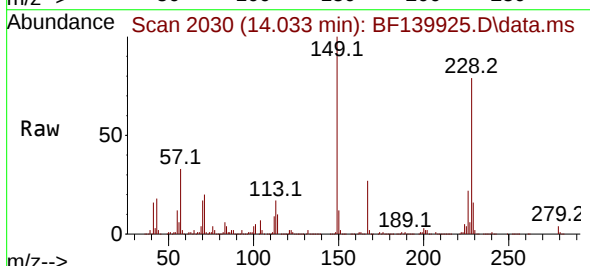
RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139925.D

Acq: 22 Oct 2024 13:31

Tgt Ion:	149	Resp:	474952
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.4	32.0
279	4.1	3.0	4.4





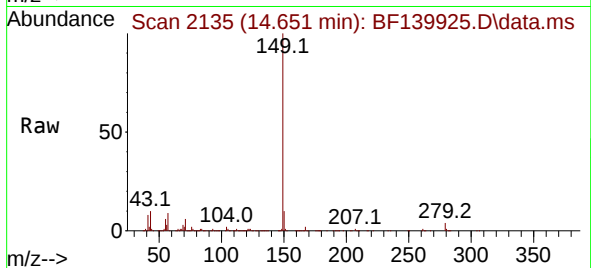
#85
Di-n-octyl phthalate
Concen: 57.478 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

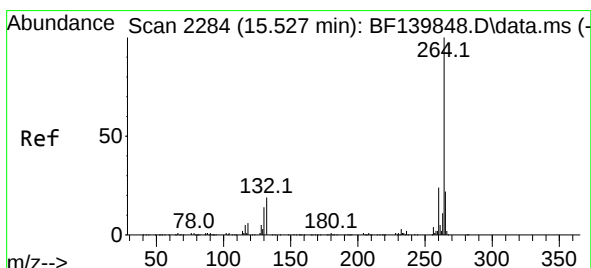
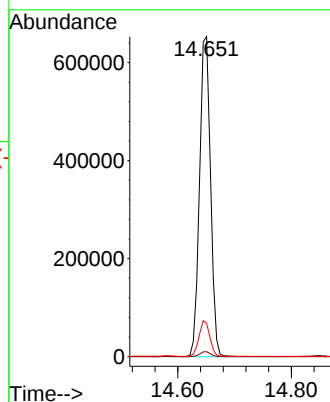
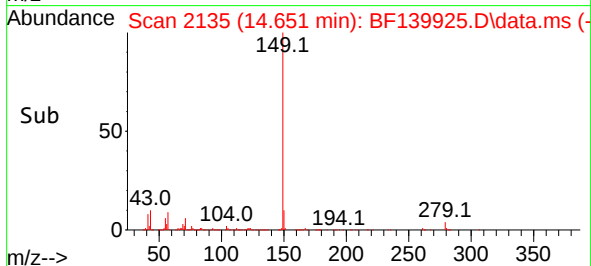


Tgt Ion:149 Resp: 881578
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.8 14.6

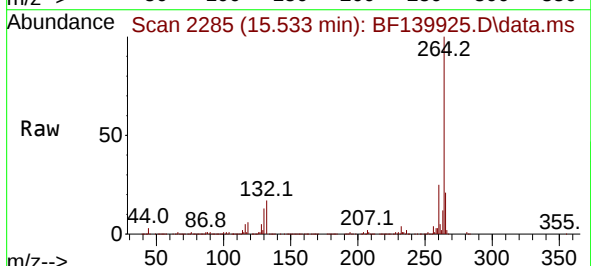
Manual Integrations

APPROVED

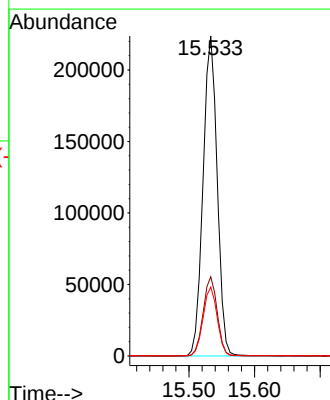
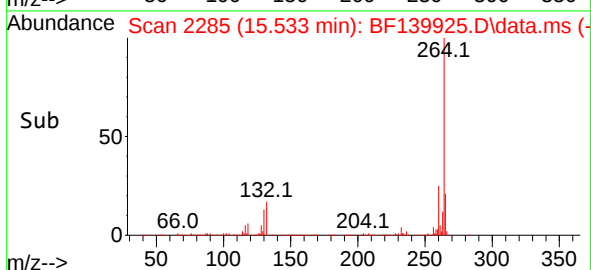
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

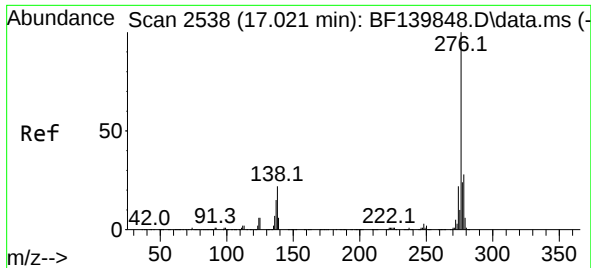


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:264 Resp: 336781
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.5 17.4 26.0





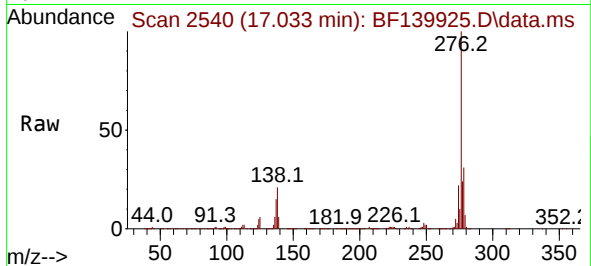
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.884 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

PB164246BS

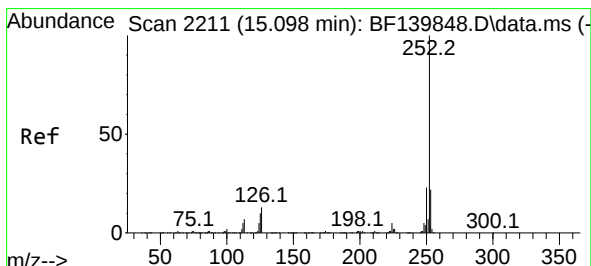
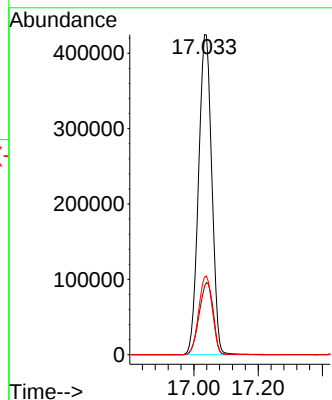
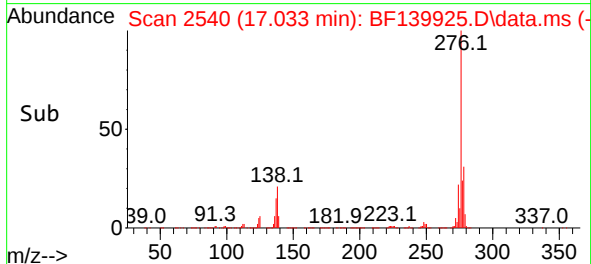


Tgt Ion:276 Resp: 121078
Ion Ratio Lower Upper
276 100
138 23.9 20.4 30.6
277 25.3 20.2 30.4

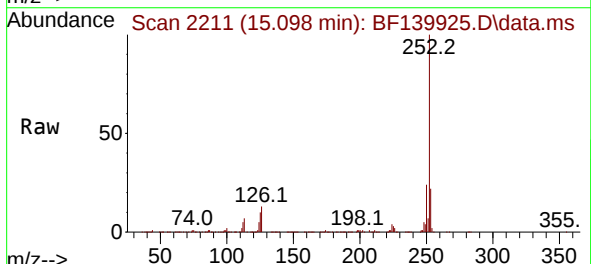
Manual Integrations

APPROVED

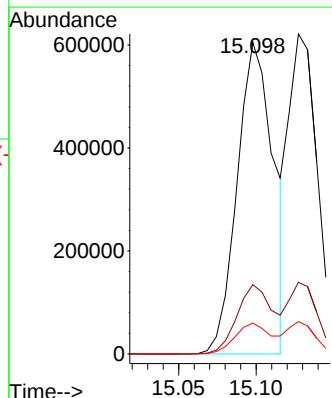
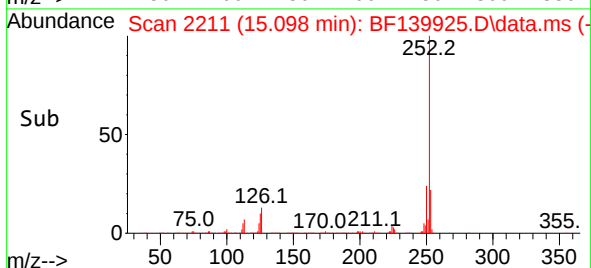
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

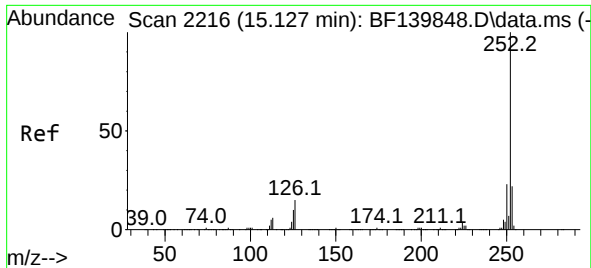


#88
Benzo(b)fluoranthene
Concen: 48.131 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31



Tgt Ion:252 Resp: 987410
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 45.109 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

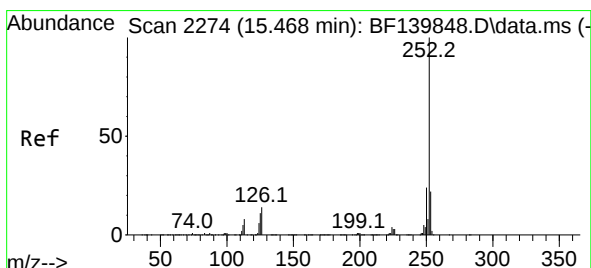
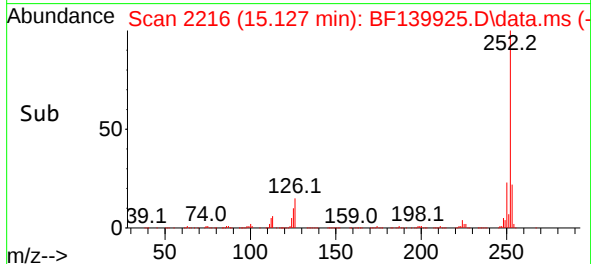
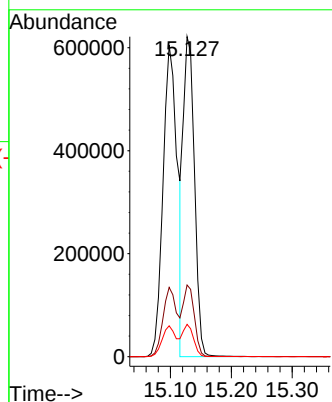
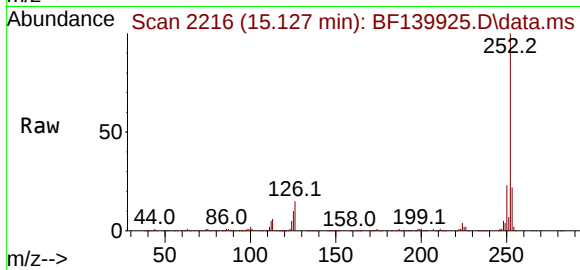
PB164246BS

Tgt Ion:252 Resp: 798092
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.1 7.9 11.9

Manual Integrations

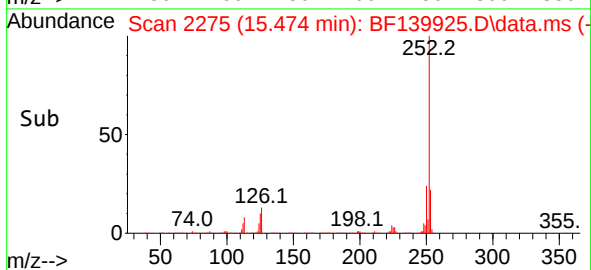
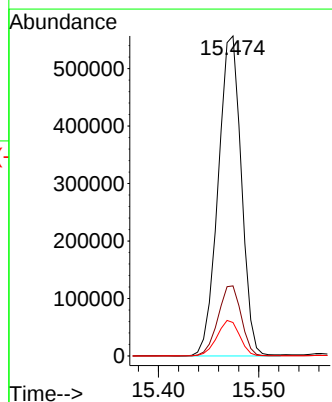
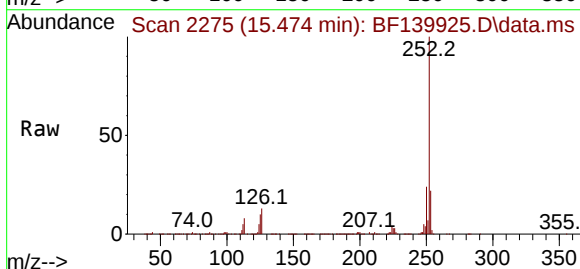
APPROVED

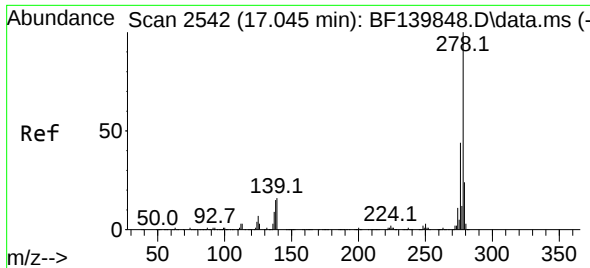
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#90
Benzo(a)pyrene
Concen: 52.841 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:252 Resp: 891992
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.4 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 54.675 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Instrument :

BNA_F

ClientSampleId :

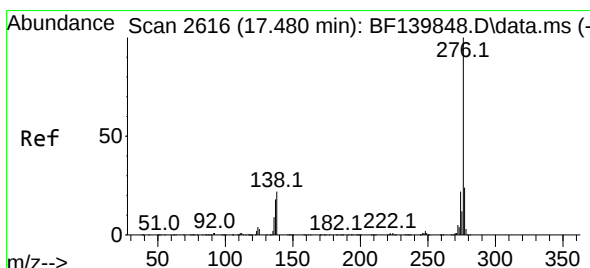
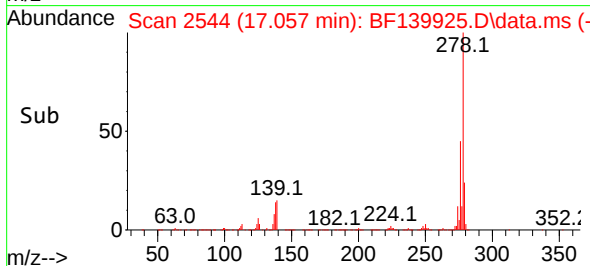
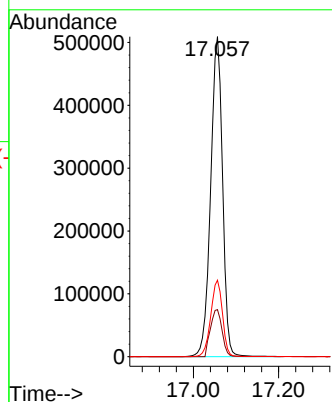
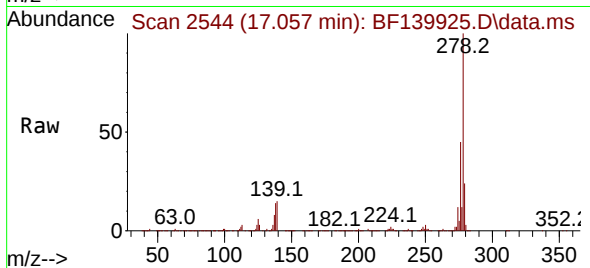
PB164246BS

Tgt Ion:278 Resp: 98820
Ion Ratio Lower Upper
278 100
139 14.7 13.1 19.7
279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#92
Benzo(g,h,i)perylene
Concen: 51.548 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF139925.D
Acq: 22 Oct 2024 13:31

Tgt Ion:276 Resp: 930646
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 20.7 17.4 26.0

