

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139536.D
 Acq On : 25 Sep 2024 18:50
 Operator : RC/JU
 Sample : P4148-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 05:03:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	82065	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	174649	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	314578	20.000	ng	0.00
76) Chrysene-d12	14.039	240	146193	20.000	ng	0.00
86) Perylene-d12	15.510	264	159732	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	643467	127.913	ng	0.02
7) Phenol-d6	6.516	99	797764	120.821	ng	0.01
23) Nitrobenzene-d5	7.445	82	623847	92.874	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	242290	130.309	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	1133101	90.994	ng	0.00
79) Terphenyl-d14	12.986	244	977967	109.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	87954	43.579	ng	# 77
3) Pyridine	3.546	79	222763	50.061	ng	98
4) n-Nitrosodimethylamine	3.481	42	163254	42.328	ng	# 82
6) Aniline	6.545	93	248921	49.954	ng	# 78
8) 2-Chlorophenol	6.669	128	259772	50.166	ng	98
9) Benzaldehyde	6.428	77	16977	4.450	ng	97
10) Phenol	6.534	94	305237	45.389	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	274416	53.688	ng	99
12) 1,3-Dichlorobenzene	6.822	146	260664	44.262	ng	98
13) 1,4-Dichlorobenzene	6.898	146	269017	45.204	ng	99
14) 1,2-Dichlorobenzene	7.045	146	259349	46.120	ng	98
15) Benzyl Alcohol	7.022	79	262693	49.867	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	465978	59.155	ng	85
17) 2-Methylphenol	7.140	107	212007	51.531	ng	97
18) Hexachloroethane	7.387	117	100566	44.366	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	207628	53.064	ng	97
20) 3+4-Methylphenols	7.287	107	267127	47.590	ng	# 84
22) Acetophenone	7.287	105	374058	45.310	ng	98
24) Nitrobenzene	7.463	77	312093	45.144	ng	97
25) Isophorone	7.698	82	560611	52.772	ng	99
26) 2-Nitrophenol	7.775	139	142475	52.898	ng	92
27) 2,4-Dimethylphenol	7.816	122	220550m	62.077	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	323567	53.443	ng	99
29) 2,4-Dichlorophenol	8.022	162	226877	50.267	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	234822	44.652	ng	98
31) Naphthalene	8.181	128	785043	47.620	ng	100
32) Benzoic acid	7.939	122	143410	43.133	ng	92
33) 4-Chloroaniline	8.234	127	121025m	23.997	ng	
34) Hexachlorobutadiene	8.292	225	150258	42.055	ng	99
35) Caprolactam	8.610	113	64901m	46.745	ng	
36) 4-Chloro-3-methylphenol	8.722	107	257243	49.870	ng	95
37) 2-Methylnaphthalene	8.875	142	518590	49.560	ng	100
38) 1-Methylnaphthalene	8.969	142	487145	47.419	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	247543	47.825	ng	99
41) Hexachlorocyclopentadiene	9.022	237	275699	152.551	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	173208	51.435	ng	100

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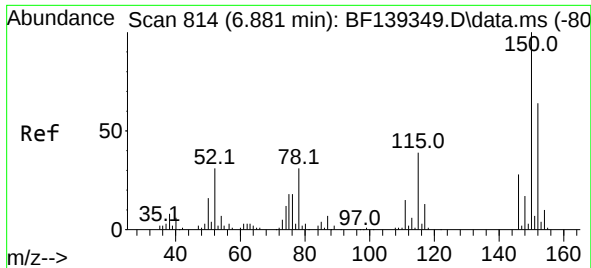
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	182291	51.318	ng	98
46) 1,1'-Biphenyl	9.339	154	662323	49.294	ng	99
47) 2-Chloronaphthalene	9.363	162	489449	48.720	ng	99
48) 2-Nitroaniline	9.463	65	193529	51.792	ng	99
49) Acenaphthylene	9.781	152	814710	53.874	ng	100
50) Dimethylphthalate	9.639	163	604436	52.729	ng	100
51) 2,6-Dinitrotoluene	9.704	165	132512	52.182	ng	90
52) Acenaphthene	9.951	154	566904	53.712	ng	100
53) 3-Nitroaniline	9.875	138	107264	42.266	ng	89
54) 2,4-Dinitrophenol	9.981	184	115504	81.628	ng	# 85
55) Dibenzofuran	10.122	168	740691	50.350	ng	96
56) 4-Nitrophenol	10.039	139	179559	85.507	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	178895	52.180	ng	98
58) Fluorene	10.463	166	584809	48.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	154630	52.623	ng	96
60) Diethylphthalate	10.339	149	613661	51.876	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	285519	48.947	ng	95
62) 4-Nitroaniline	10.486	138	128242	46.301	ng	89
63) Azobenzene	10.616	77	608449	52.296	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	81166	48.886	ng	91
66) n-Nitrosodiphenylamine	10.575	169	508728	55.313	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	168615	54.089	ng	99
68) Hexachlorobenzene	11.010	284	189052	51.673	ng	99
69) Atrazine	11.104	200	160193	73.162	ng	99
70) Pentachlorophenol	11.210	266	198939	90.619	ng	99
71) Phenanthrene	11.428	178	803227	52.924	ng	99
72) Anthracene	11.480	178	826145	55.674	ng	99
73) Carbazole	11.633	167	710938	50.058	ng	99
74) Di-n-butylphthalate	11.963	149	900920	56.945	ng	100
75) Fluoranthene	12.616	202	762307	47.033	ng	98
77) Benzidine	12.739	184	363941	173.759	ng	99
78) Pyrene	12.845	202	742213	59.128	ng	100
80) Butylbenzylphthalate	13.457	149	258860	60.585	ng	98
81) Benzo(a)anthracene	14.027	228	518385	53.531	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	143352	50.549	ng	99
83) Chrysene	14.069	228	490760	55.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	315187	57.988	ng	98
85) Di-n-octyl phthalate	14.627	149	499761	62.433	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	479035	50.435	ng	96
88) Benzo(b)fluoranthene	15.080	252	554047	56.241	ng	98
89) Benzo(k)fluoranthene	15.110	252	427789	47.097	ng	# 98
90) Benzo(a)pyrene	15.451	252	477853	58.488	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	390611	49.769	ng	98
92) Benzo(g,h,i)perylene	17.439	276	335926	43.228	ng	# 96

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



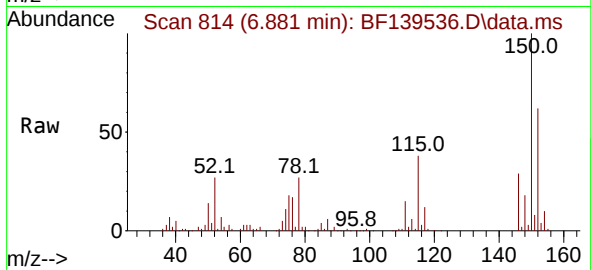
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

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STOCK-PILEMS

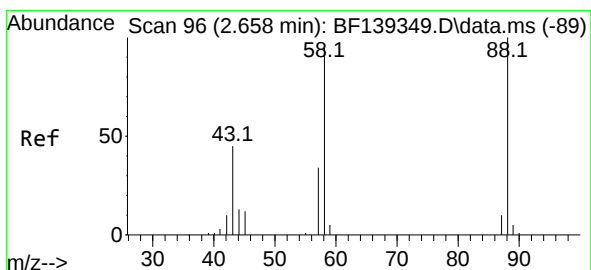
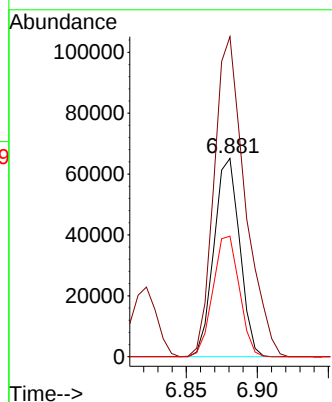
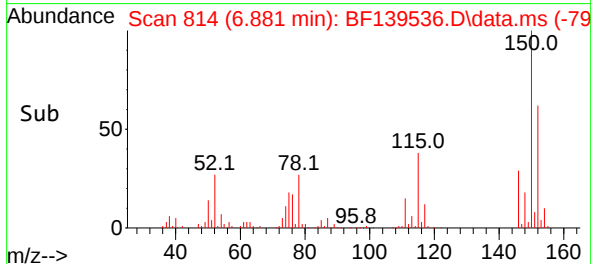


Tgt Ion:152 Resp: 8206
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.1 186.1
 115 60.8 48.1 72.1

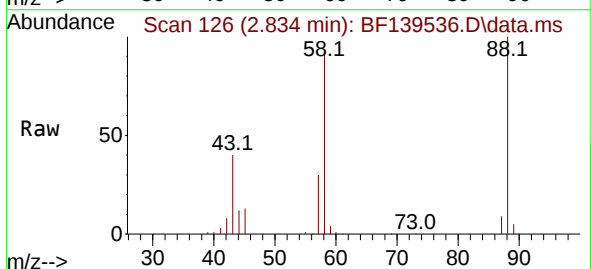
Manual Integrations

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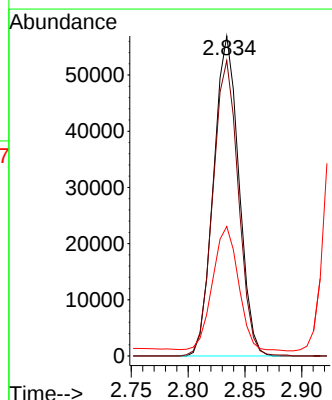
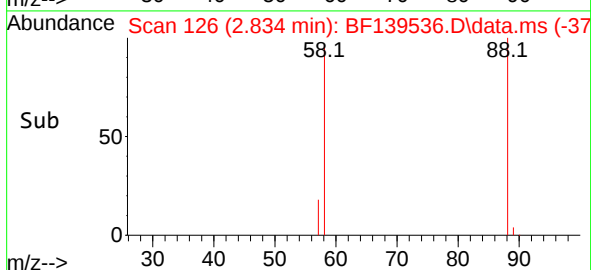
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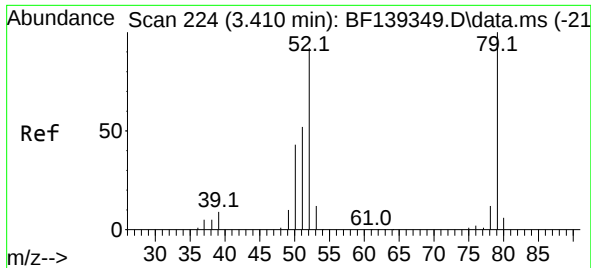


#2
 1,4-Dioxane
 Concen: 43.579 ng
 RT: 2.834 min Scan# 126
 Delta R.T. 0.176 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50



Tgt Ion: 88 Resp: 87954
 Ion Ratio Lower Upper
 88 100
 58 93.1 74.8 112.2
 43 0.0 36.4 54.6





#3

Pyridine

Concen: 50.061 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.135 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion: 79 Resp: 22276

Ion Ratio Lower Upper

79 100

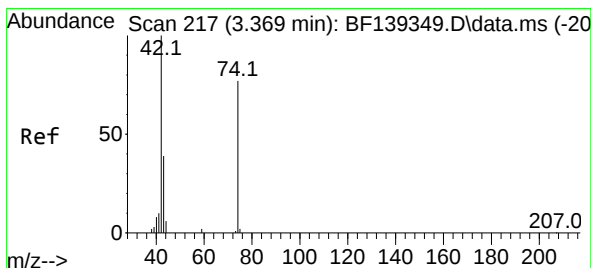
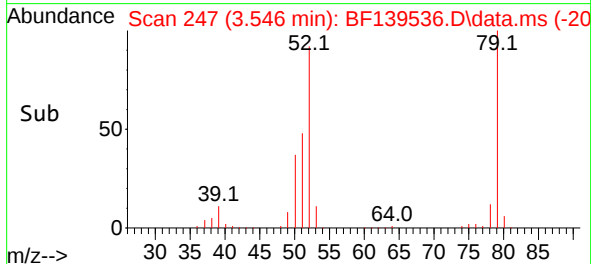
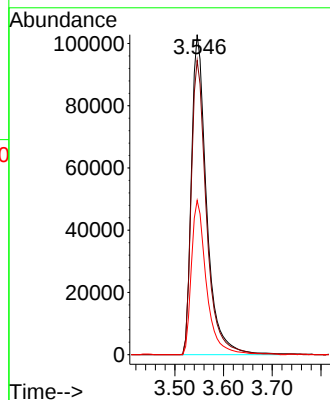
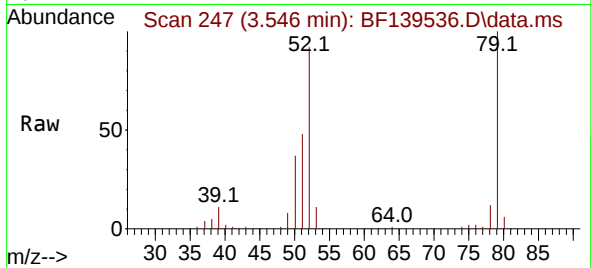
52 91.9 73.8 110.8

51 48.2 41.8 62.6

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#4

n-Nitrosodimethylamine

Concen: 42.328 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

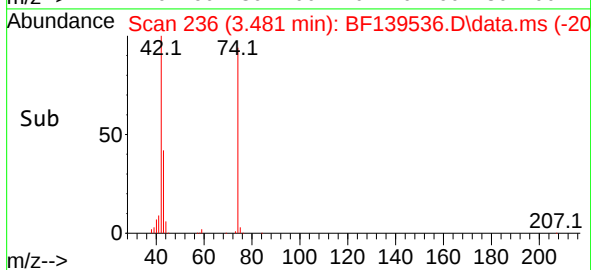
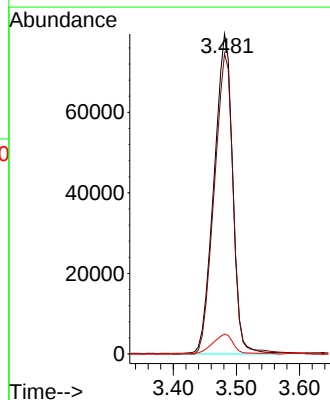
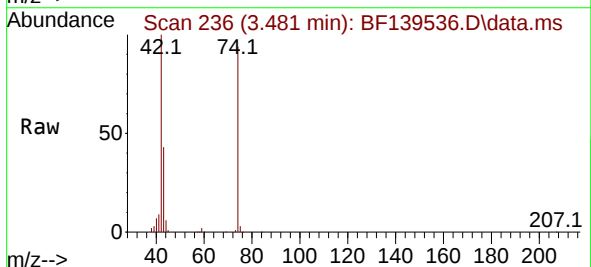
Tgt Ion: 42 Resp: 163254

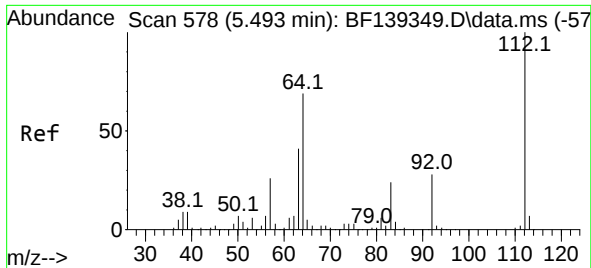
Ion Ratio Lower Upper

42 100

74 93.9 61.8 92.8

44 6.2 4.8 7.2





#5
2-Fluorophenol
Concen: 127.913 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

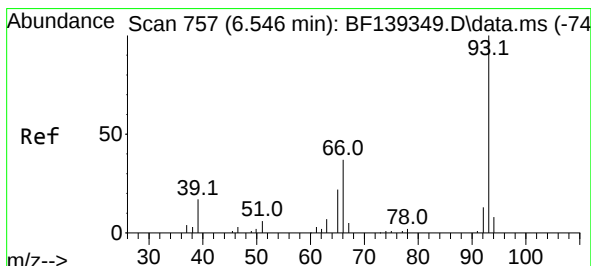
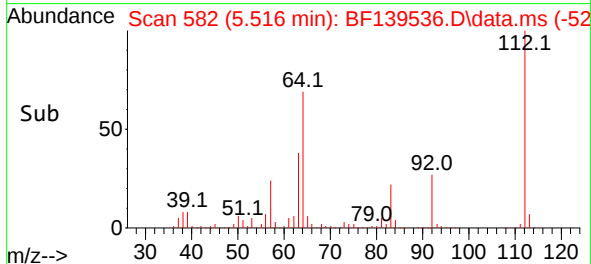
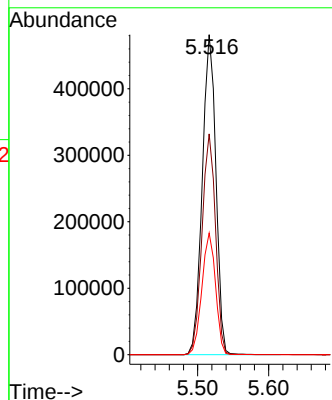
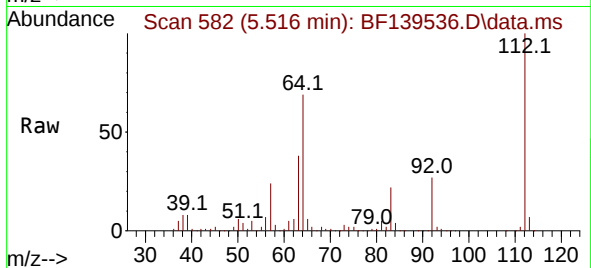
STOCK-PILEMS

Tgt Ion:112 Resp: 64346
Ion Ratio Lower Upper
112 100
64 69.0 54.8 82.2
63 38.0 33.0 49.4

Manual Integrations

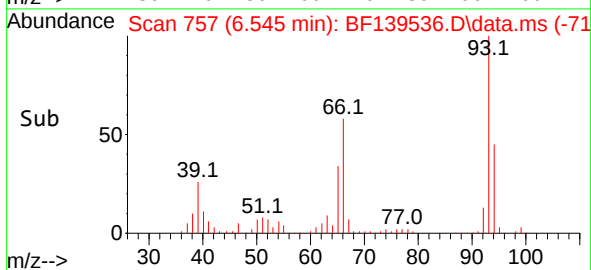
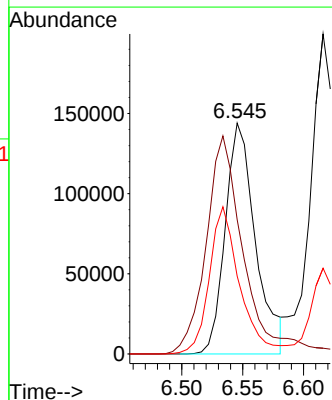
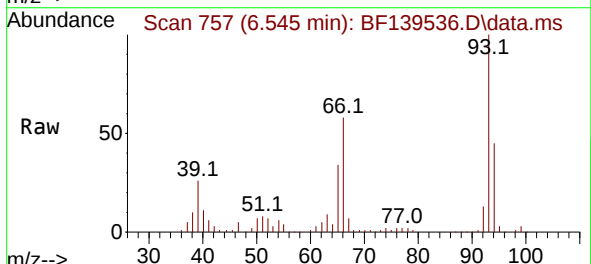
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Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#6
Aniline
Concen: 49.954 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 93 Resp: 248921
Ion Ratio Lower Upper
93 100
66 58.2 35.4 53.0#
65 33.8 18.2 27.4#





#7

Phenol-d6

Concen: 120.821 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139536.D

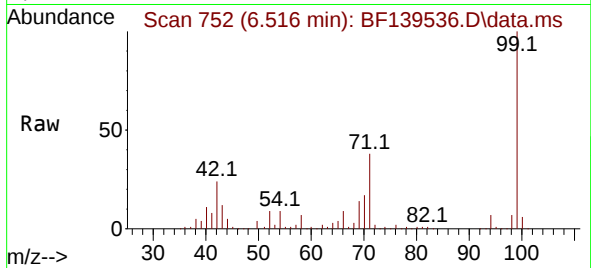
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Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS



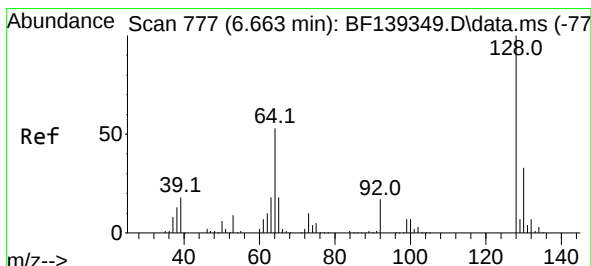
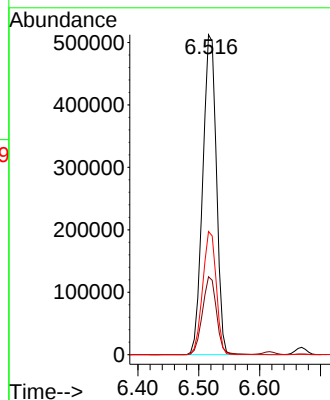
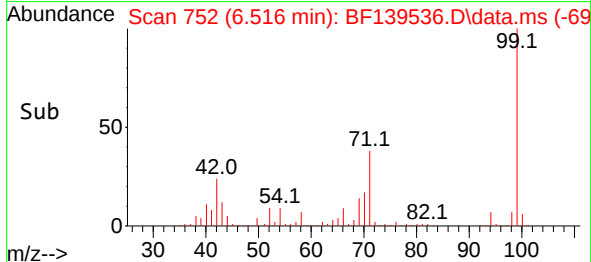
Tgt Ion: 99 Resp: 797764

Ion	Ratio	Lower	Upper
99	100		
42	24.3	21.9	32.9
71	38.5	34.6	52.0

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#8

2-Chlorophenol

Concen: 50.166 ng

RT: 6.669 min Scan# 778

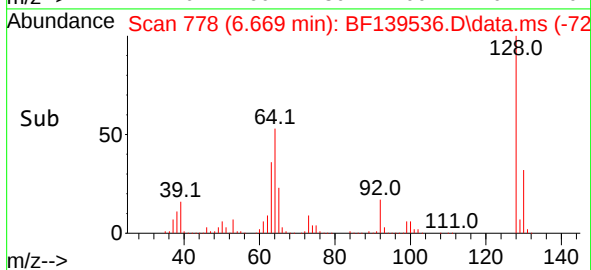
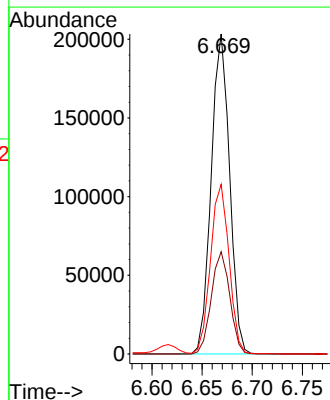
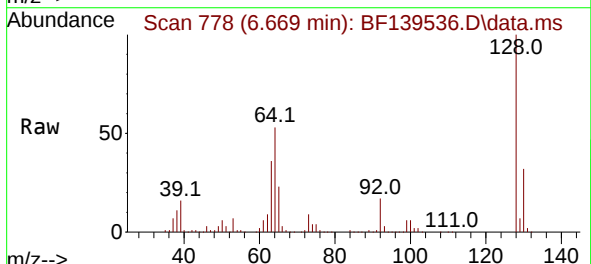
Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Tgt Ion:128 Resp: 259772

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	53.0	35.1	75.1





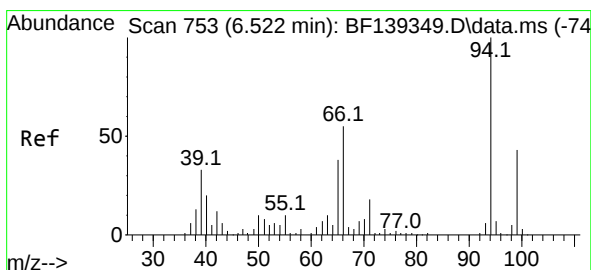
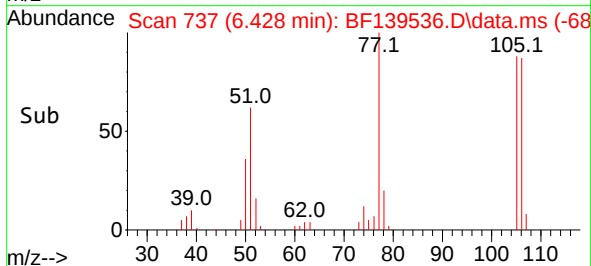
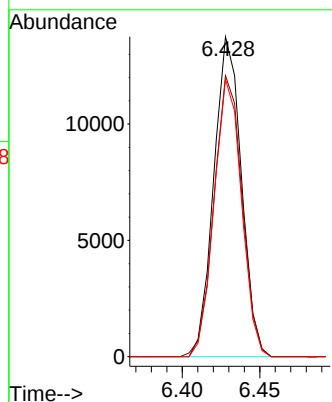
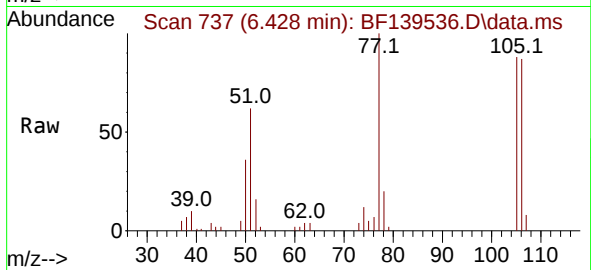
#9
Benzaldehyde
Concen: 4.450 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion: 77 Resp: 1697
Ion Ratio Lower Upper
77 100
105 87.8 71.0 111.0
106 86.7 64.9 104.9

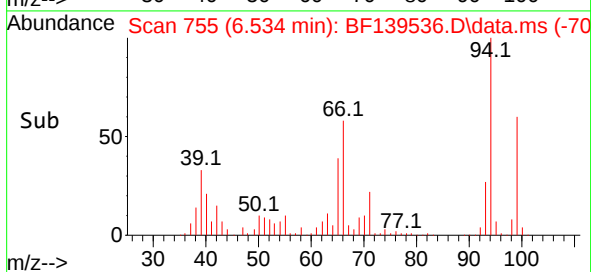
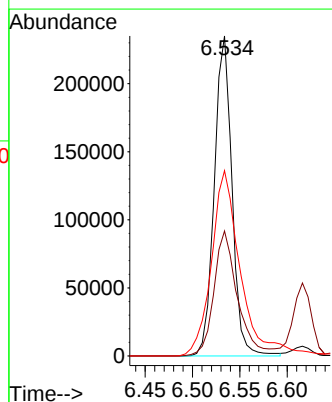
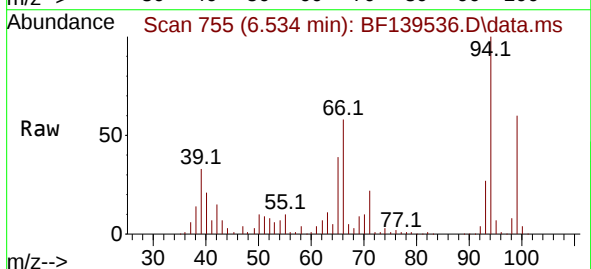
Manual Integrations
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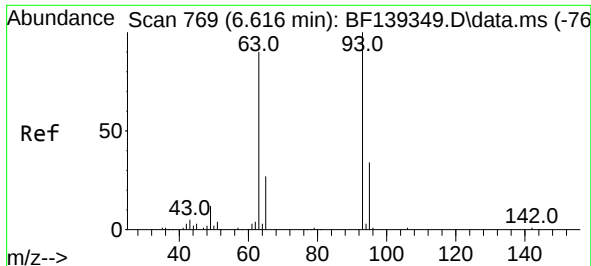
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#10
Phenol
Concen: 45.389 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 94 Resp: 305237
Ion Ratio Lower Upper
94 100
65 39.1 17.6 57.6
66 57.9 35.2 75.2





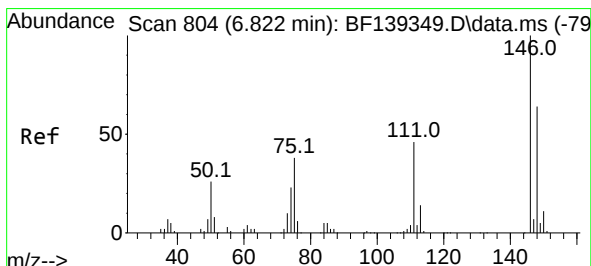
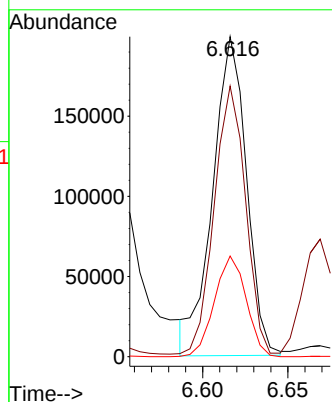
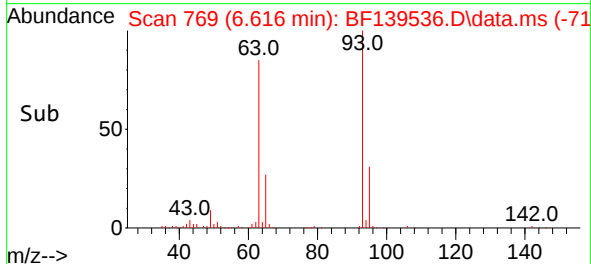
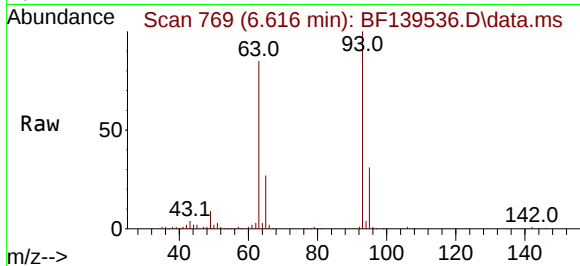
#11
bis(2-Chloroethyl)ether
Concen: 53.688 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion: 93 Resp: 274410
Ion Ratio Lower Upper
93 100
63 84.5 65.3 105.3
95 31.5 12.4 52.4

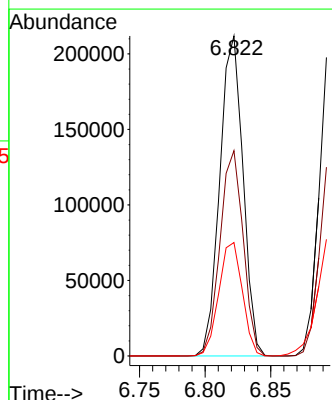
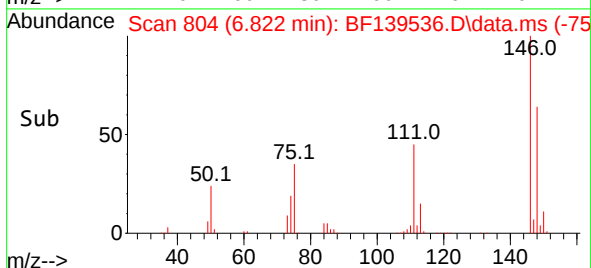
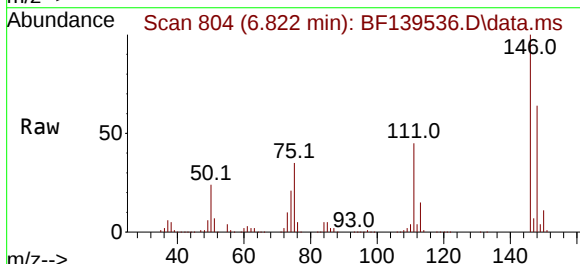
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#12
1,3-Dichlorobenzene
Concen: 44.262 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:146 Resp: 260664
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 35.5 30.6 46.0





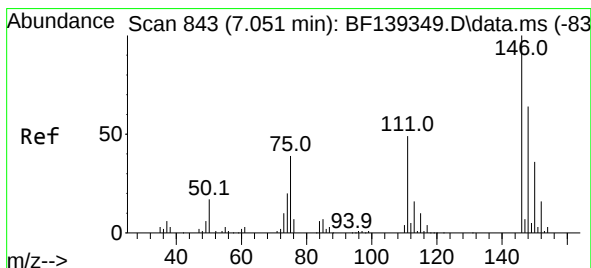
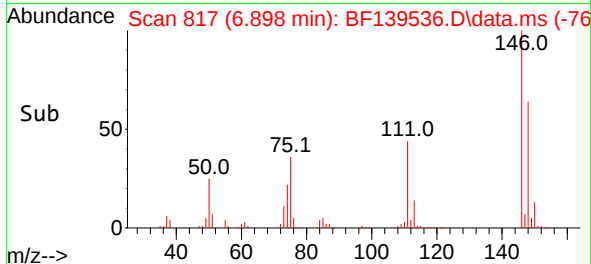
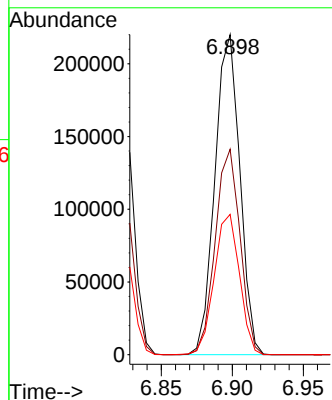
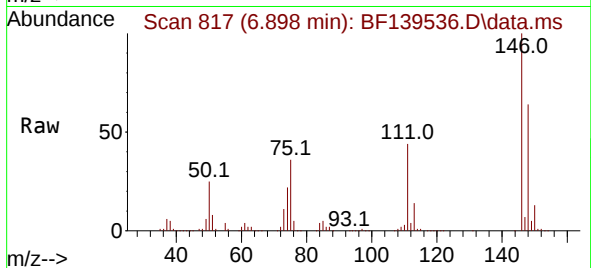
#13
1,4-Dichlorobenzene
Concen: 45.204 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:146 Resp: 26901
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.9 36.3 54.5

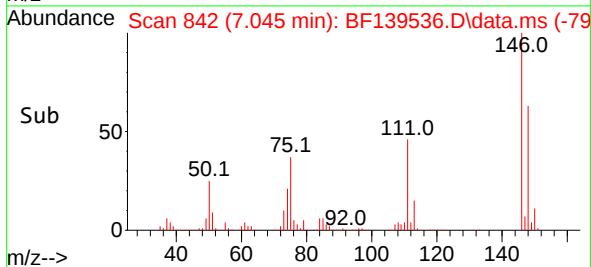
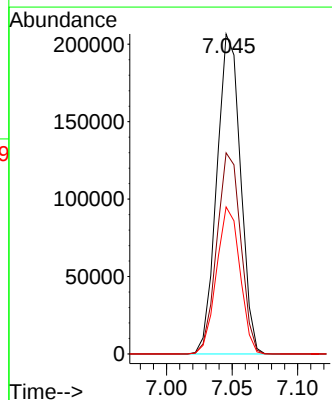
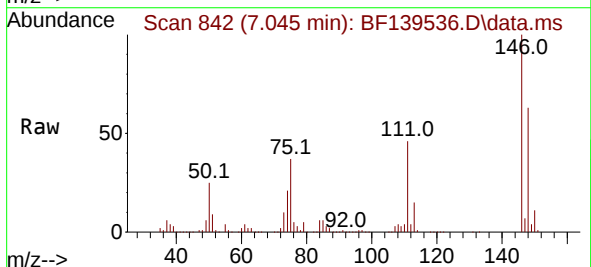
Manual Integrations
APPROVED

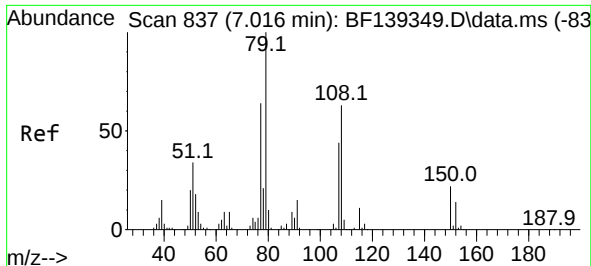
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#14
1,2-Dichlorobenzene
Concen: 46.120 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:146 Resp: 259349
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 45.9 38.9 58.3





#15
Benzyl Alcohol
Concen: 49.867 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

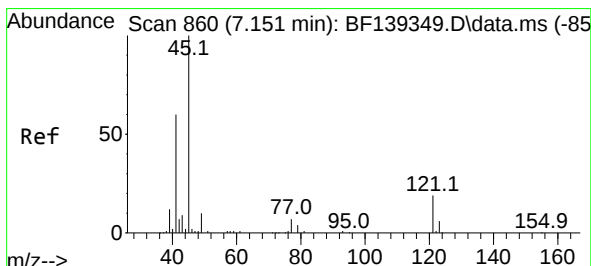
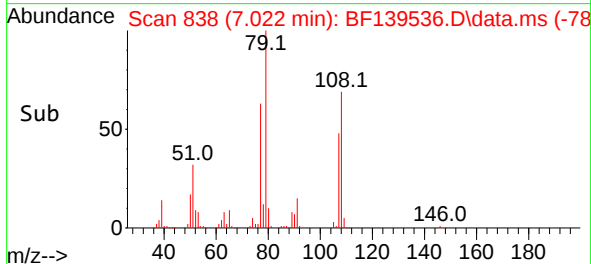
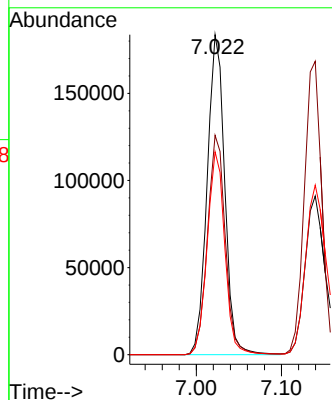
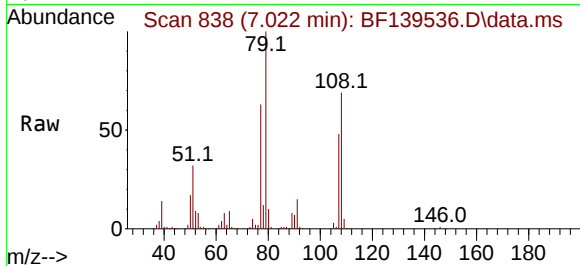
STOCK-PILEMS

Tgt Ion: 79 Resp: 26269
Ion Ratio Lower Upper
79 100
108 68.6 50.4 75.6
77 63.4 51.4 77.2

Manual Integrations

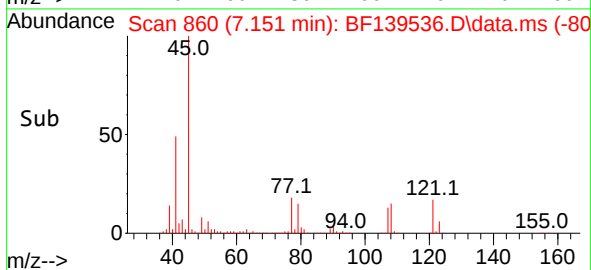
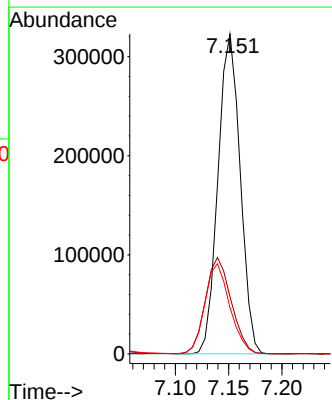
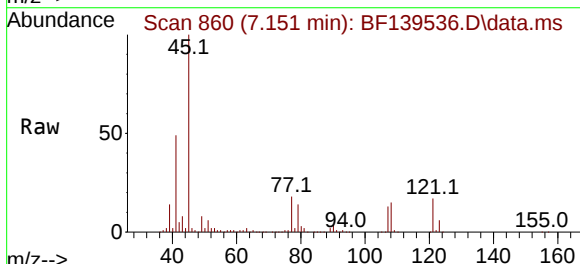
APPROVED

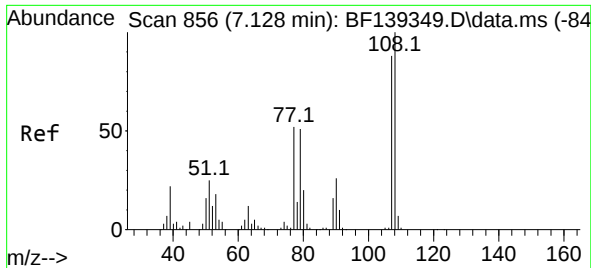
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.155 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 45 Resp: 465978
Ion Ratio Lower Upper
45 100
77 17.9 0.0 32.0
79 14.5 0.0 29.1





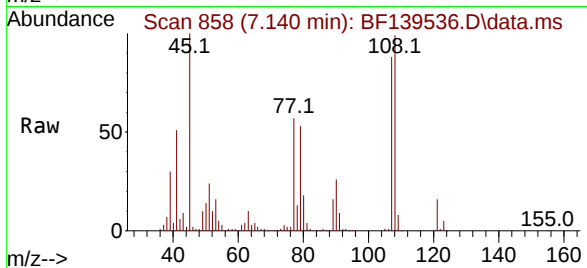
#17
2-Methylphenol
Concen: 51.531 ng
RT: 7.140 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

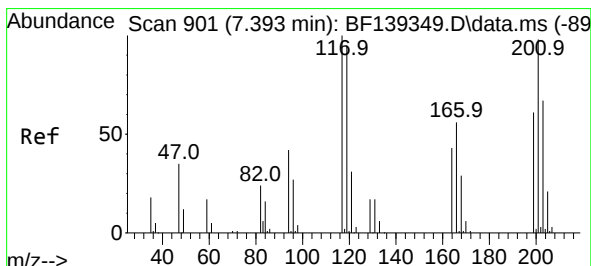
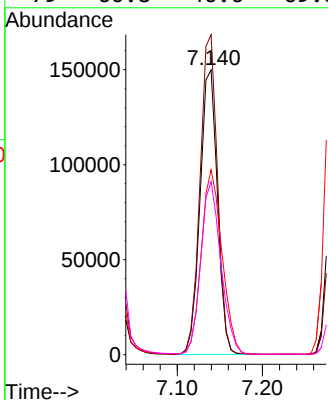
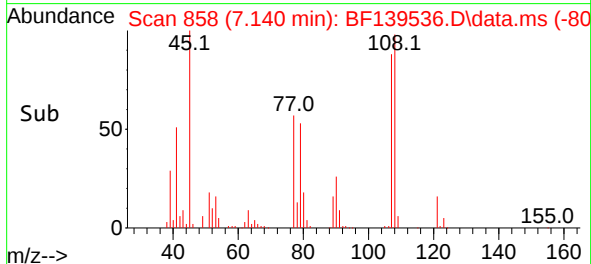


Tgt Ion:107 Resp: 21200
Ion Ratio Lower Upper
107 100
108 112.3 90.5 135.7
77 64.9 47.1 70.7
79 60.8 46.6 69.8

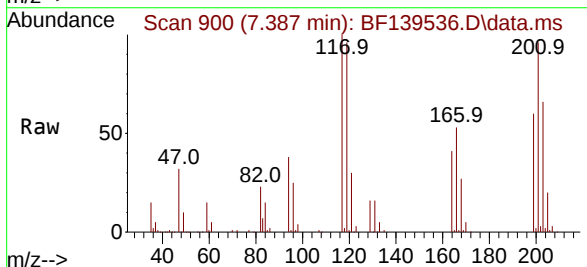
Manual Integrations

APPROVED

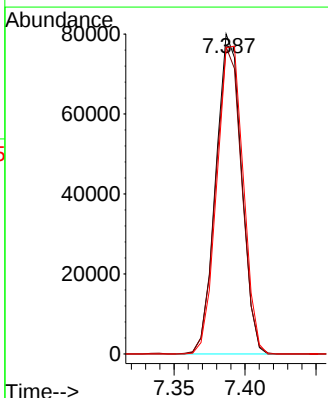
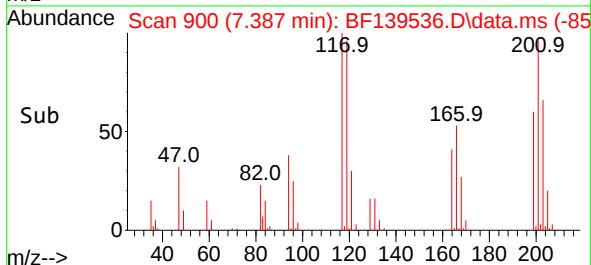
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

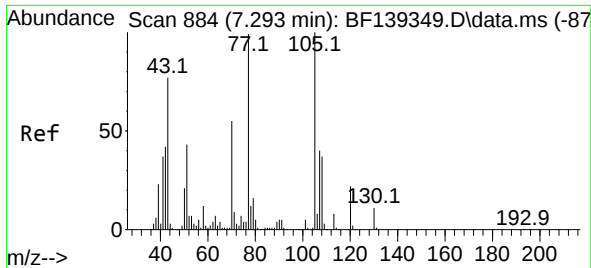


#18
Hexachloroethane
Concen: 44.366 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:117 Resp: 100566
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 95.7 78.6 118.0





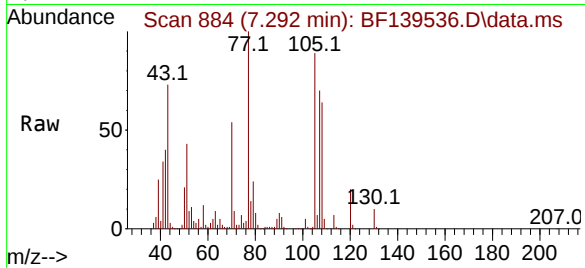
#19
n-Nitroso-di-n-propylamine
Concen: 53.064 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

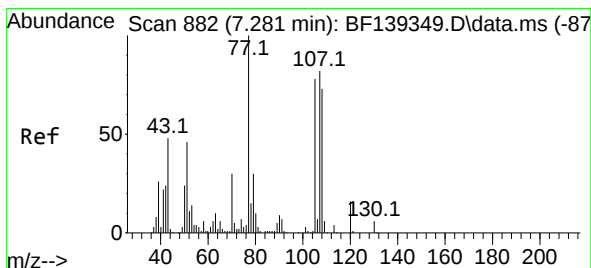
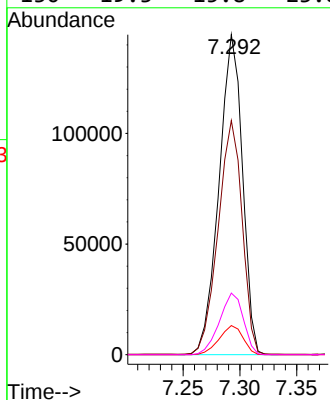
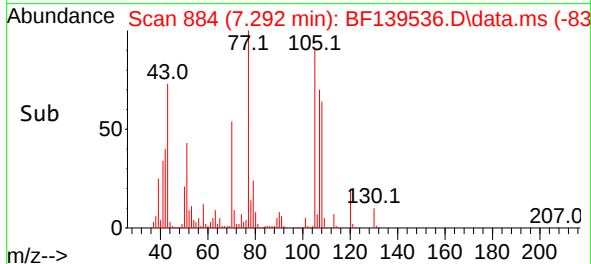


Tgt Ion: 70 Resp: 207628
Ion Ratio Lower Upper
70 100
42 73.1 61.2 91.8
101 9.1 7.5 11.3
130 19.3 15.8 23.8

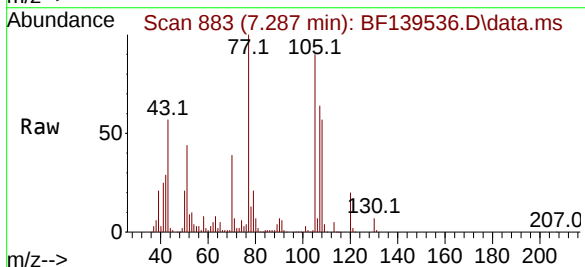
Manual Integrations

APPROVED

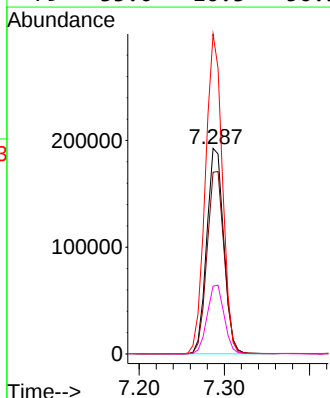
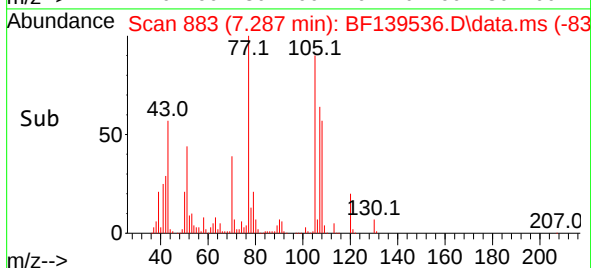
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

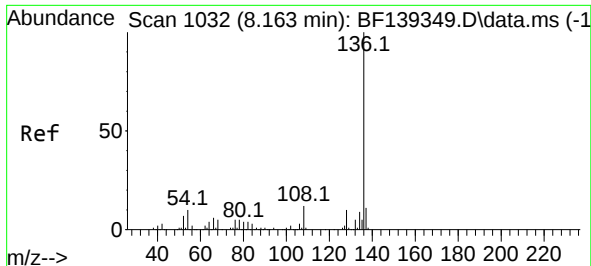


#20
3+4-Methylphenols
Concen: 47.590 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:107 Resp: 267127
Ion Ratio Lower Upper
107 100
108 88.4 68.6 108.6
77 155.6 101.6 141.6#
79 33.0 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

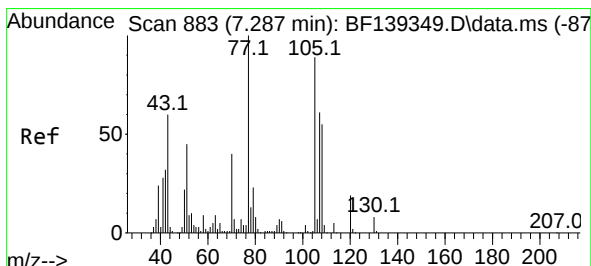
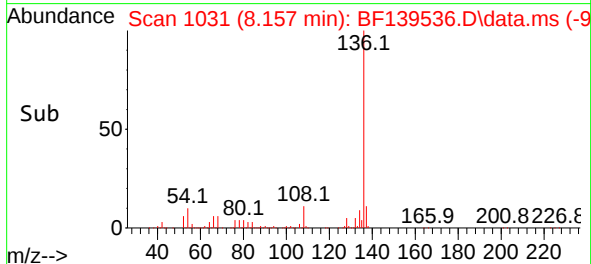
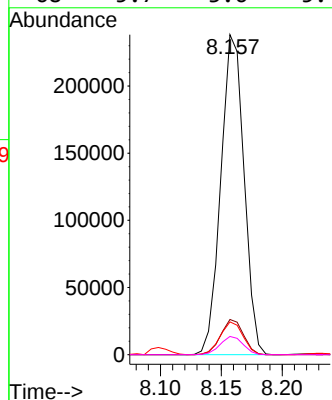
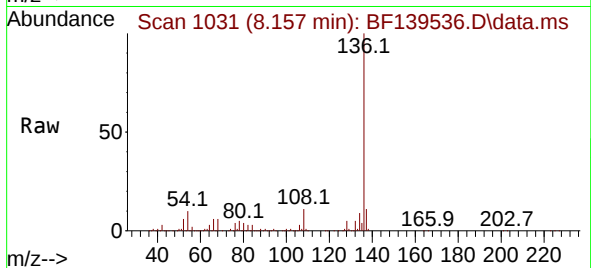
STOCK-PILEMS

Tgt Ion:136 Resp: 31578
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 7.8 11.8
68 5.7 3.6 5.4#

Manual Integrations

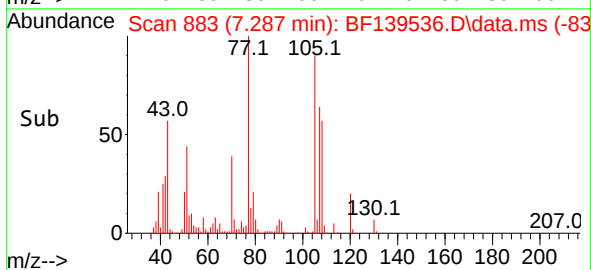
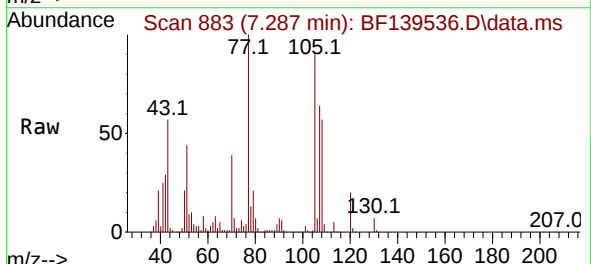
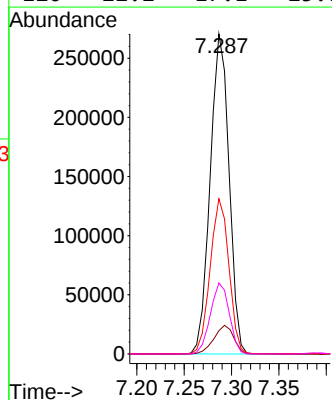
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#22
Acetophenone
Concen: 45.310 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:105 Resp: 374058
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 48.5 40.0 60.0
120 22.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 92.874 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion: 82 Resp: 62384

Ion Ratio Lower Upper

82 100

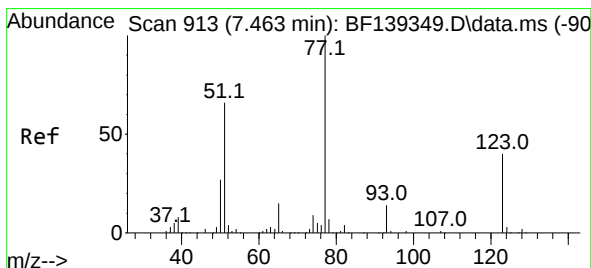
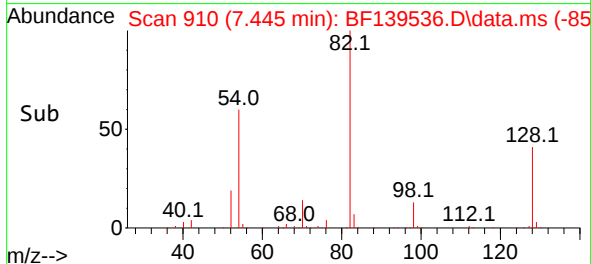
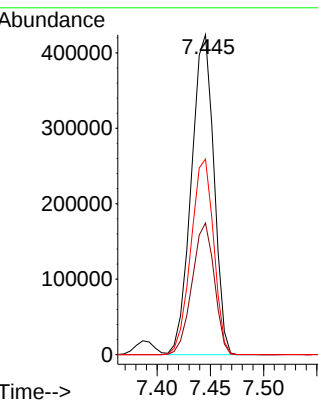
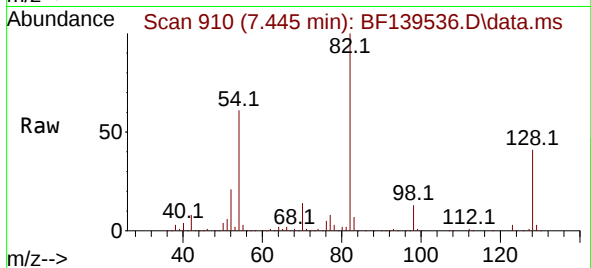
128 41.2 31.8 47.6

54 61.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#24

Nitrobenzene

Concen: 45.144 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

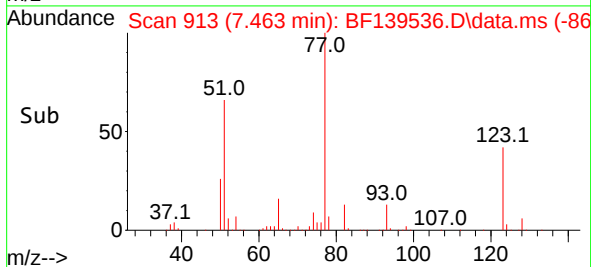
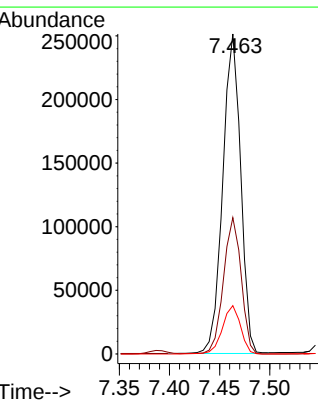
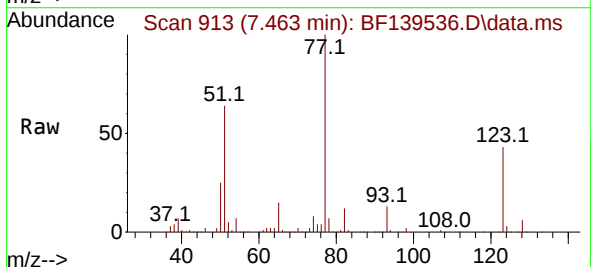
Tgt Ion: 77 Resp: 312093

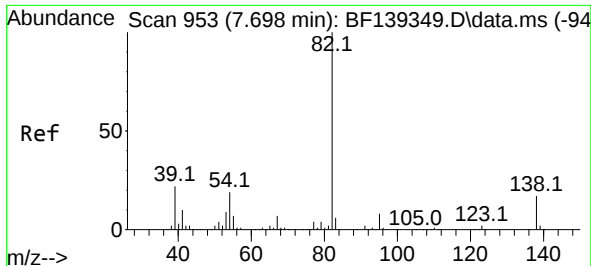
Ion Ratio Lower Upper

77 100

123 42.6 32.2 48.4

65 15.1 12.2 18.4





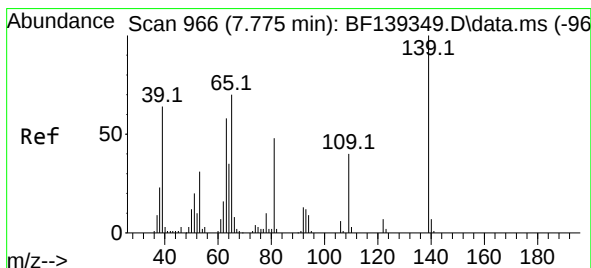
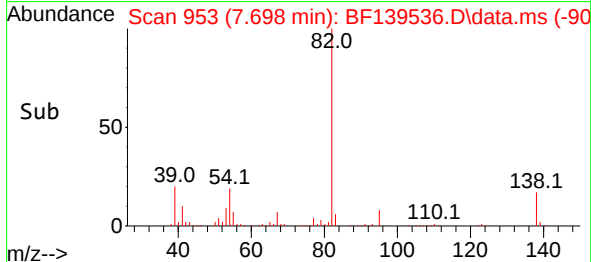
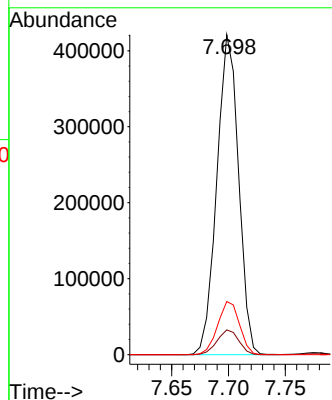
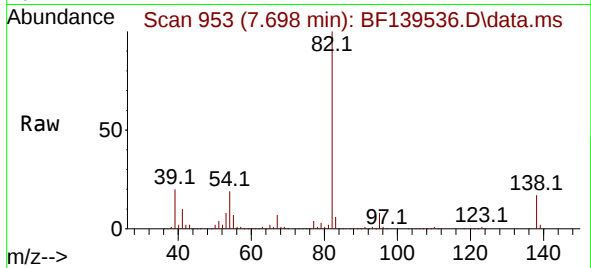
#25
Isophorone
Concen: 52.772 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion: 82 Resp: 56061
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.6 13.3 19.9

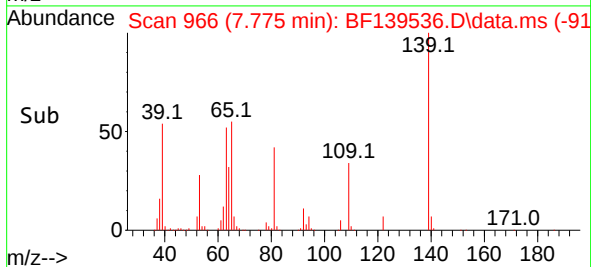
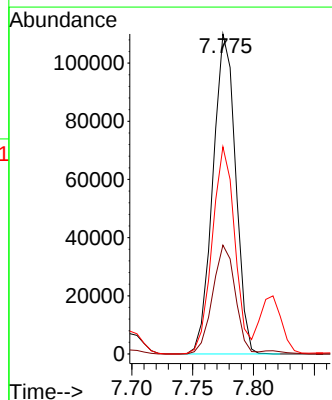
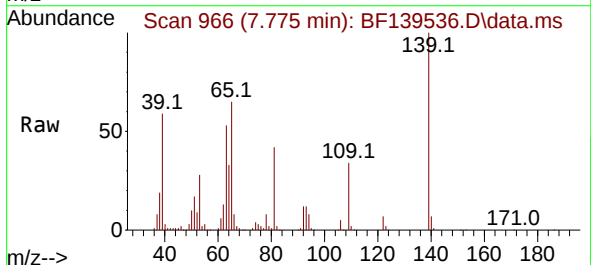
Manual Integrations
APPROVED

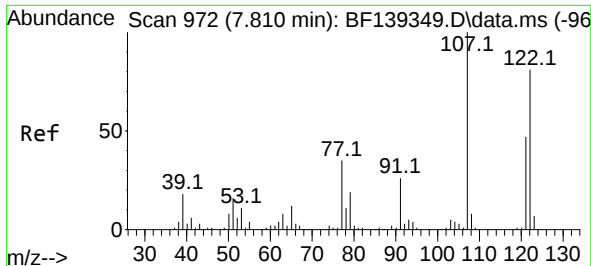
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#26
2-Nitrophenol
Concen: 52.898 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:139 Resp: 142475
Ion Ratio Lower Upper
139 100
109 34.0 32.2 48.2
65 64.7 55.8 83.8





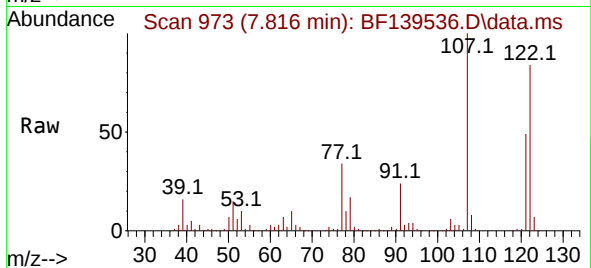
#27
2,4-Dimethylphenol
Concen: 62.077 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

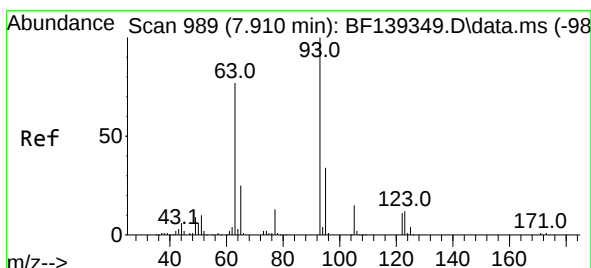
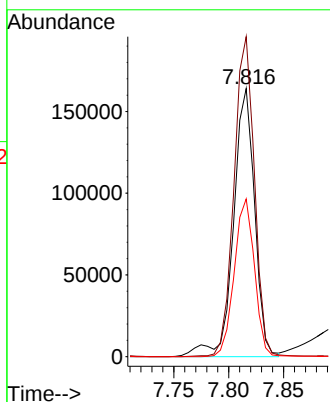
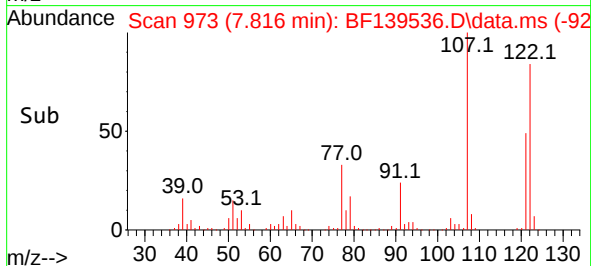


Tgt Ion:122 Resp: 220550
Ion Ratio Lower Upper
122 100
107 119.4 99.1 148.7
121 58.9 46.6 70.0

Manual Integrations

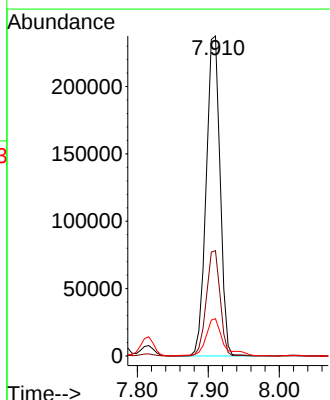
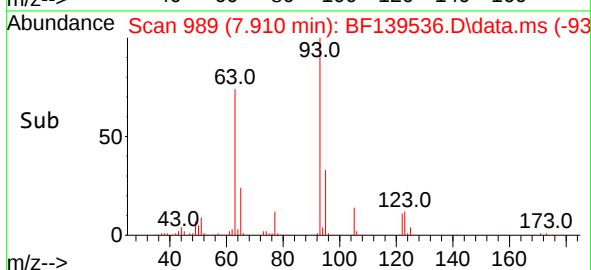
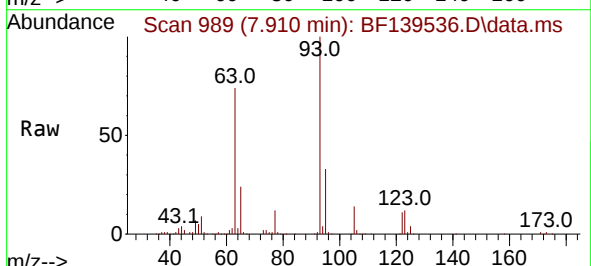
APPROVED

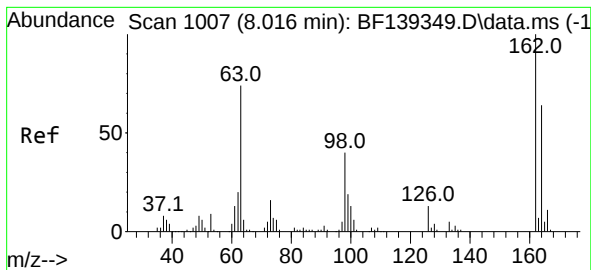
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.443 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion: 93 Resp: 323567
Ion Ratio Lower Upper
93 100
95 32.9 26.9 40.3
123 11.6 10.0 15.0





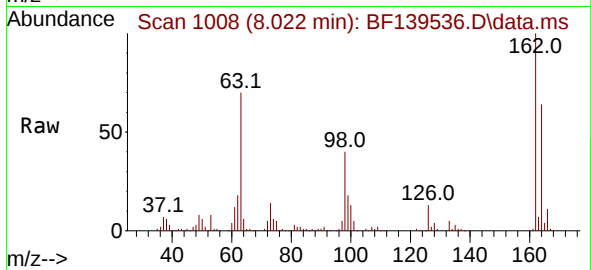
#29
2,4-Dichlorophenol
Concen: 50.267 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

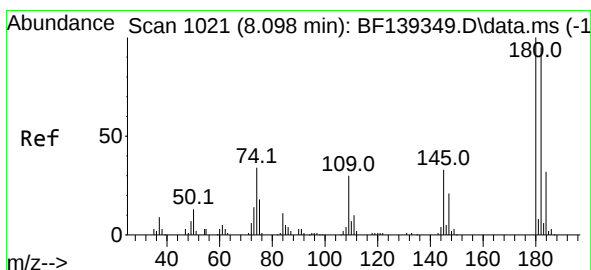
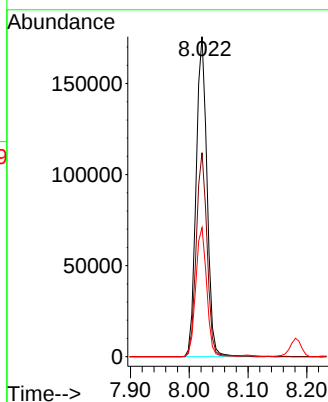
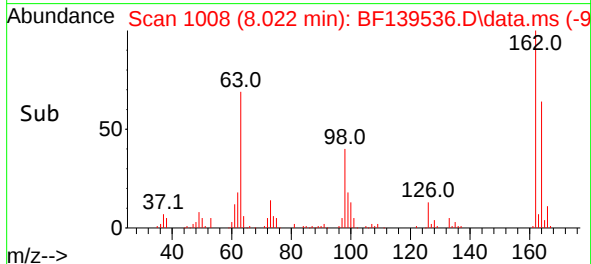


Tgt Ion:162 Resp: 22687
Ion Ratio Lower Upper
162 100
164 63.8 43.6 83.6
98 40.3 19.7 59.7

Manual Integrations

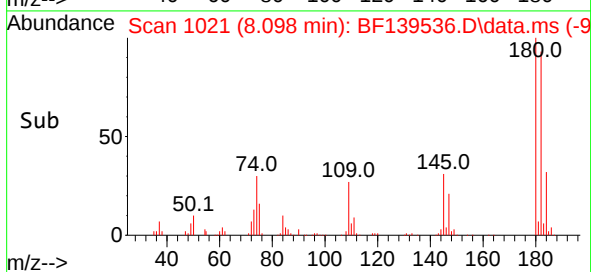
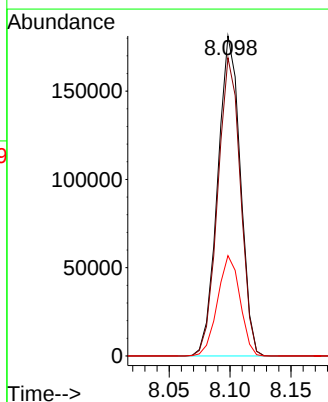
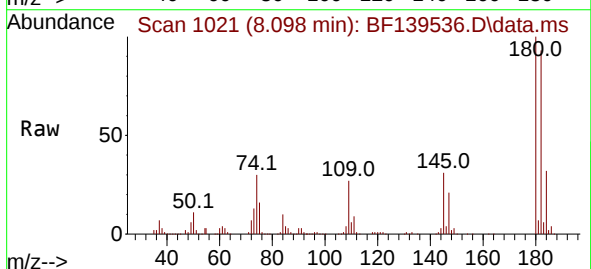
APPROVED

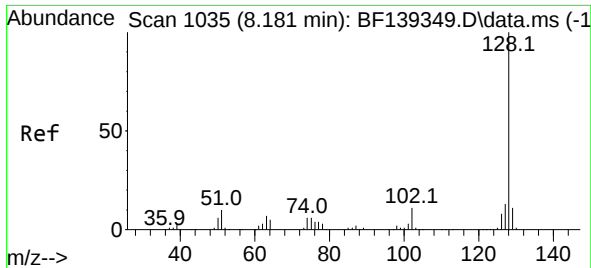
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.652 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:180 Resp: 234822
Ion Ratio Lower Upper
180 100
182 93.2 75.7 113.5
145 31.4 26.5 39.7





#31
Naphthalene
Concen: 47.620 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

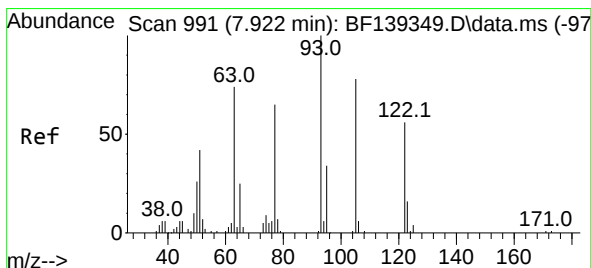
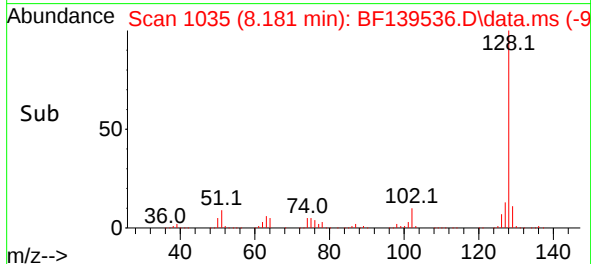
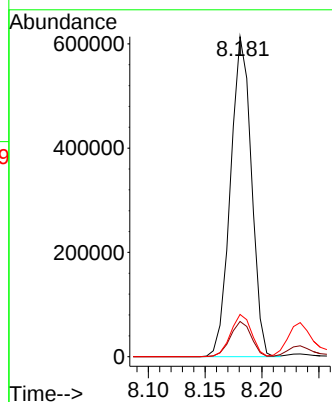
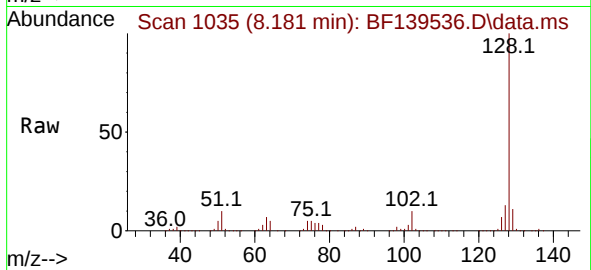
STOCK-PILEMS

Tgt Ion:128 Resp: 78504
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations

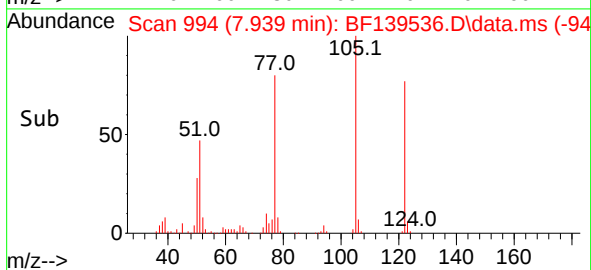
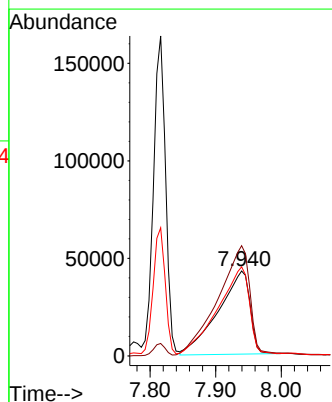
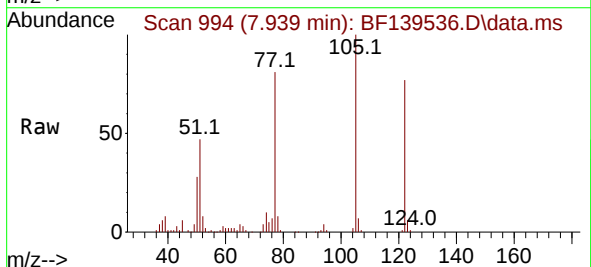
APPROVED

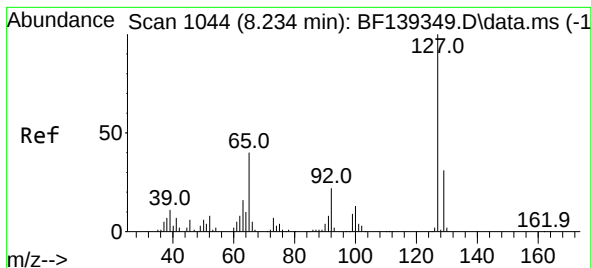
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#32
Benzoic acid
Concen: 43.133 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:122 Resp: 143410
Ion Ratio Lower Upper
122 100
105 129.6 117.1 157.1
77 104.8 95.4 135.4





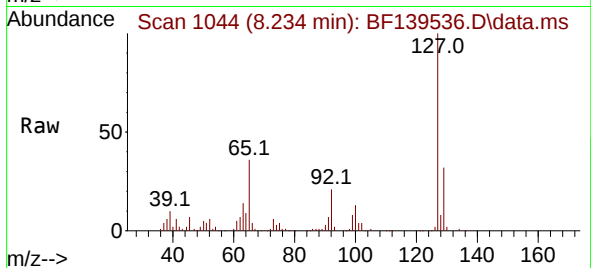
#33
4-Chloroaniline
Concen: 23.997 ng m
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

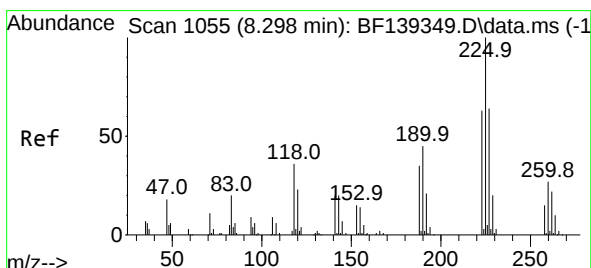
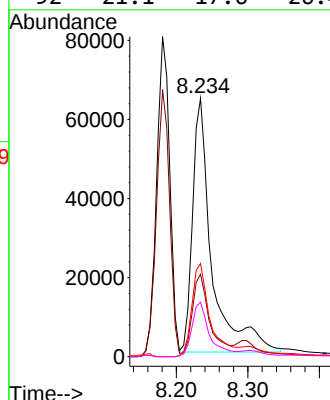
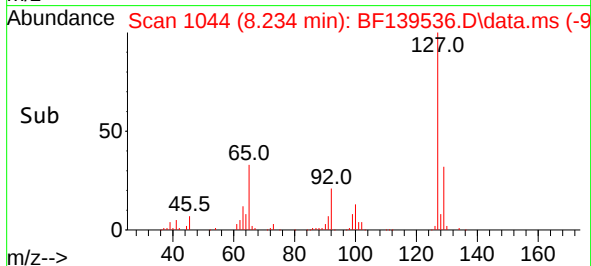


Tgt Ion:127 Resp: 121025
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 36.0 31.5 47.3
92 21.1 17.6 26.4

Manual Integrations

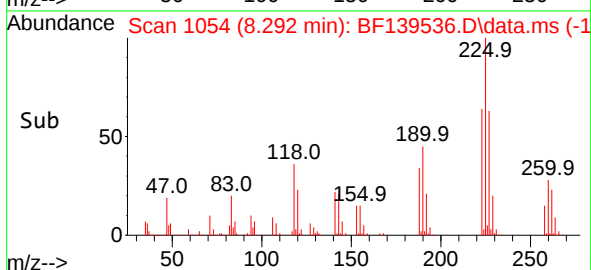
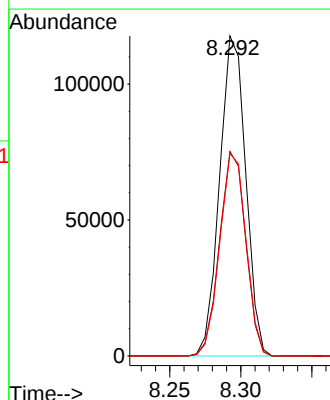
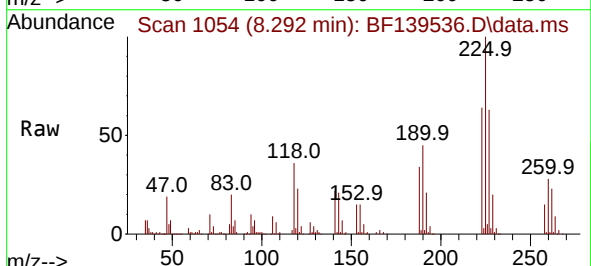
APPROVED

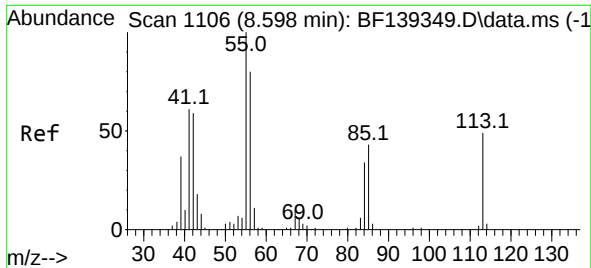
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#34
Hexachlorobutadiene
Concen: 42.055 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:225 Resp: 150258
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 63.3 51.0 76.6





#35
 Caprolactam
 Concen: 46.745 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

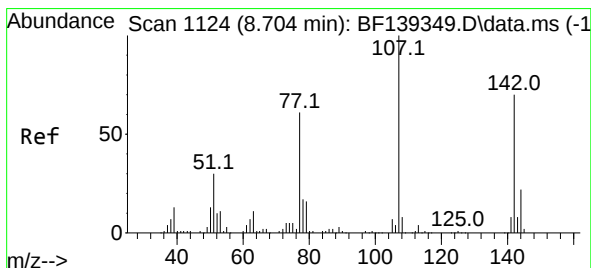
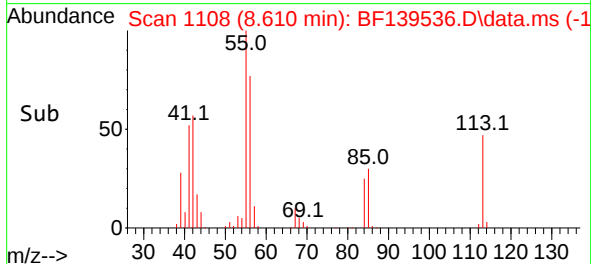
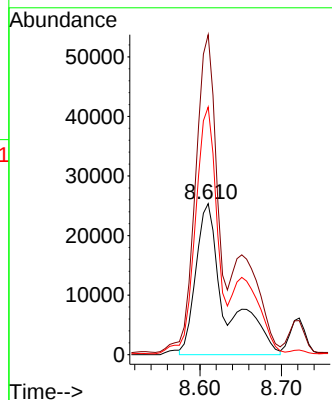
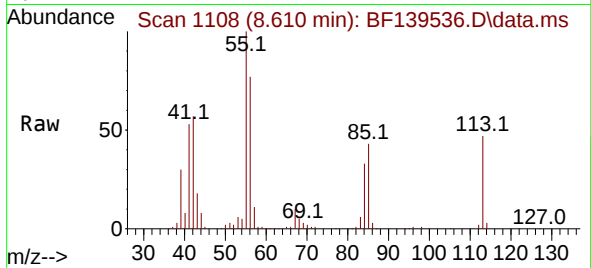
STOCK-PILEMS

Tgt Ion:113 Resp: 6490
 Ion Ratio Lower Upper
 113 100
 55 211.9 186.1 226.1
 56 164.1 144.9 184.9

Manual Integrations

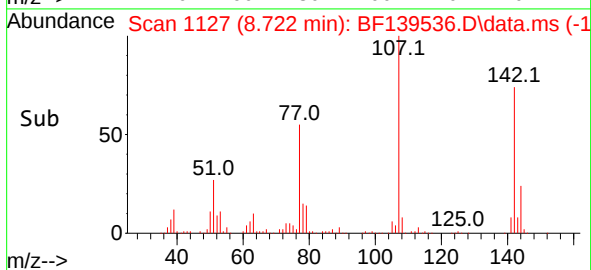
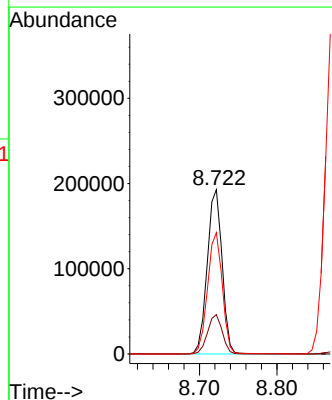
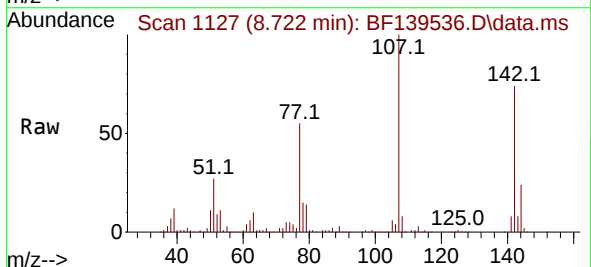
APPROVED

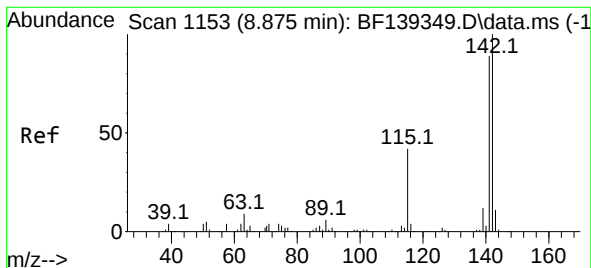
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024



#36
 4-Chloro-3-methylphenol
 Concen: 49.870 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Tgt Ion:107 Resp: 257243
 Ion Ratio Lower Upper
 107 100
 144 23.9 17.5 26.3
 142 73.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 49.560 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion:142 Resp: 518590

Ion Ratio Lower Upper

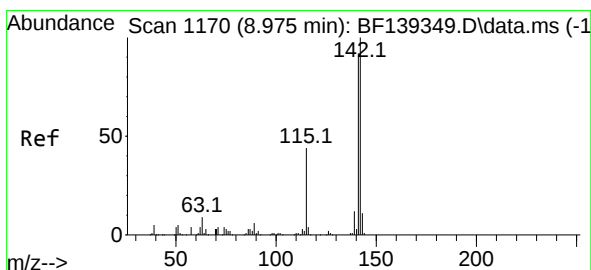
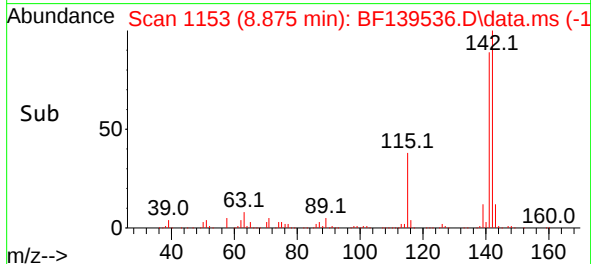
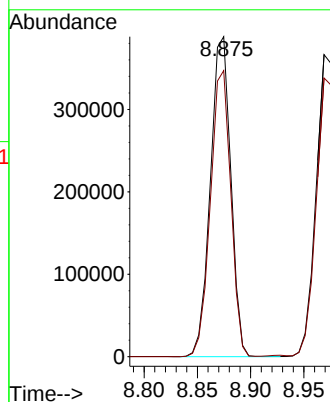
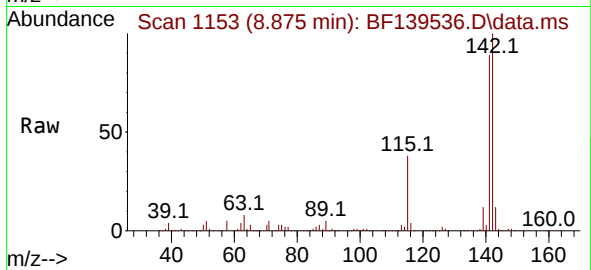
142 100

141 89.4 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#38

1-Methylnaphthalene

Concen: 47.419 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139536.D

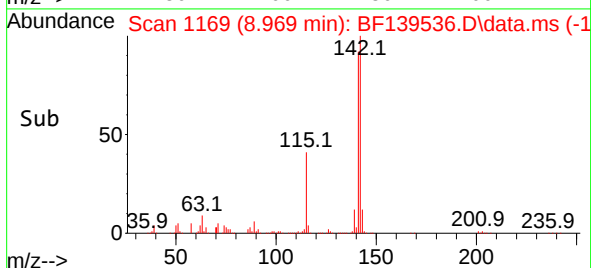
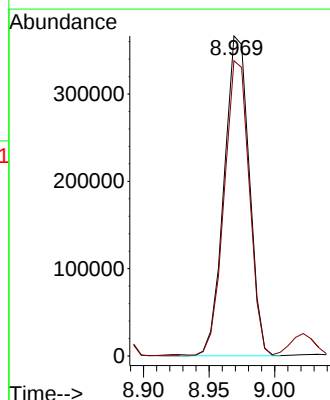
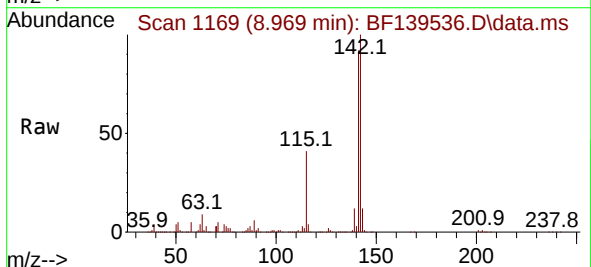
Acq: 25 Sep 2024 18:50

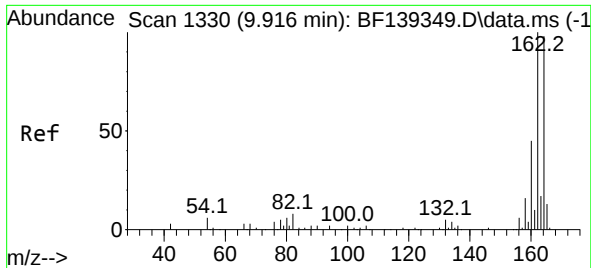
Tgt Ion:142 Resp: 487145

Ion Ratio Lower Upper

142 100

141 92.3 73.2 109.8





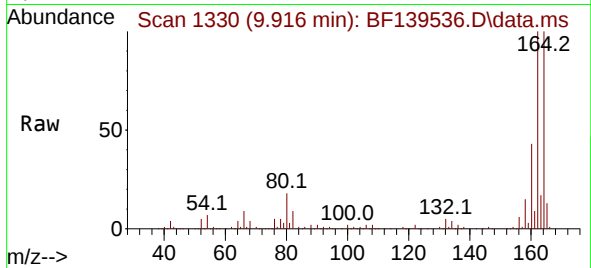
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

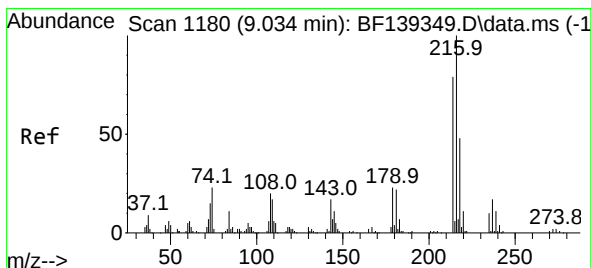
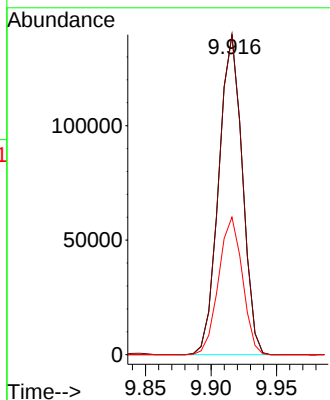
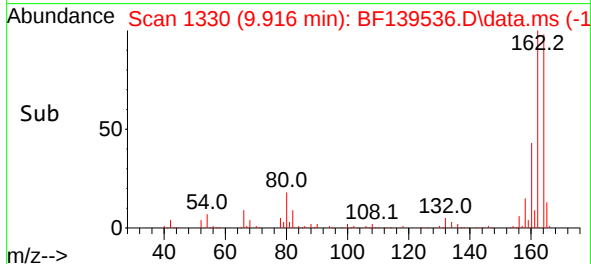


Tgt Ion:164 Resp: 174649
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 43.0 36.4 54.6

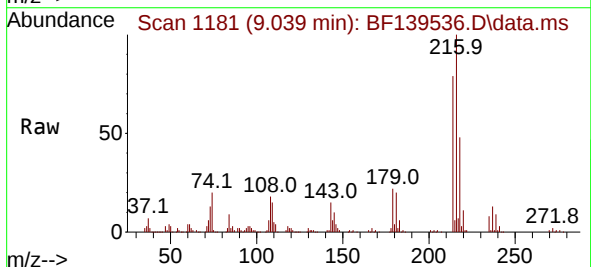
Manual Integrations

APPROVED

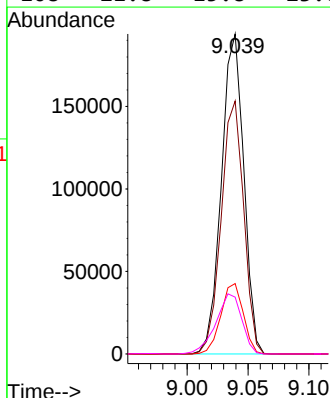
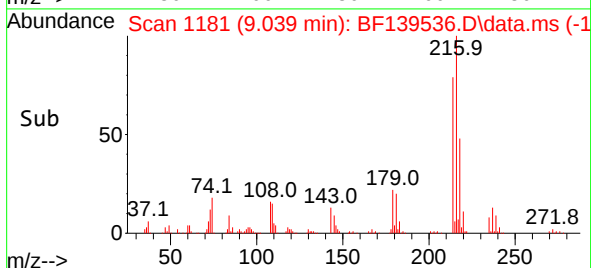
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

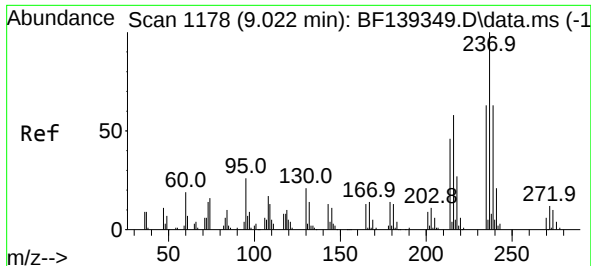


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.825 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



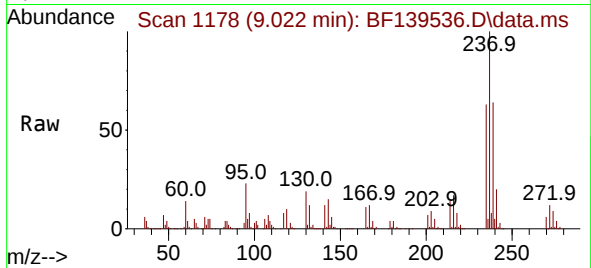
Tgt Ion:216 Resp: 247543
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 22.1 18.2 27.2
108 21.8 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 152.551 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

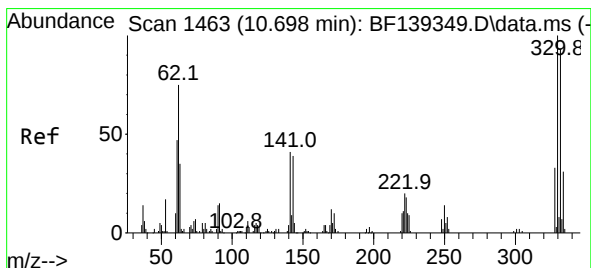
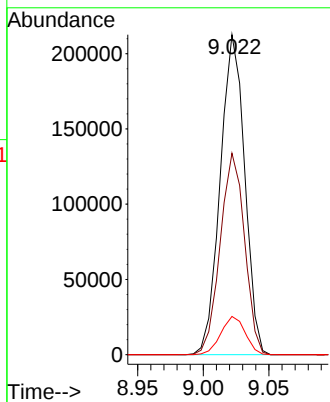
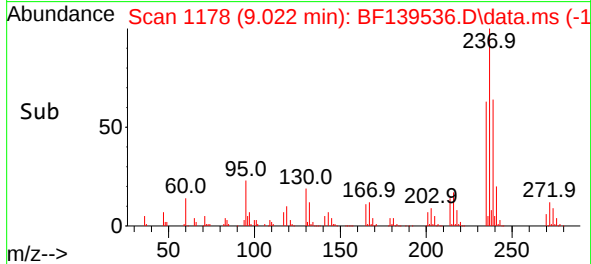
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



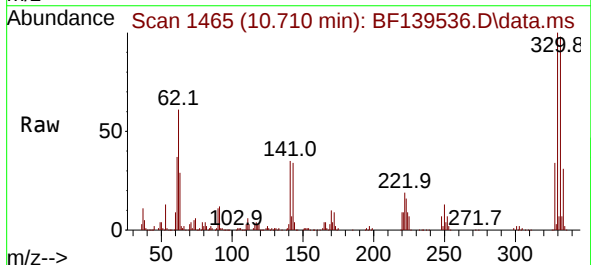
Tgt Ion:237 Resp: 275699
Ion Ratio Lower Upper
237 100
235 62.9 42.7 82.7
272 11.9 0.0 32.5

Manual Integrations
APPROVED

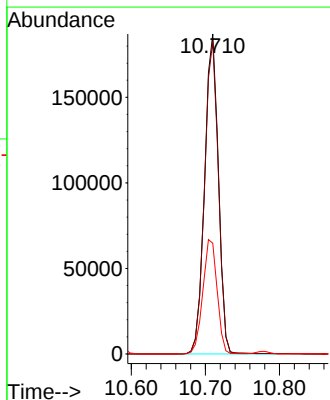
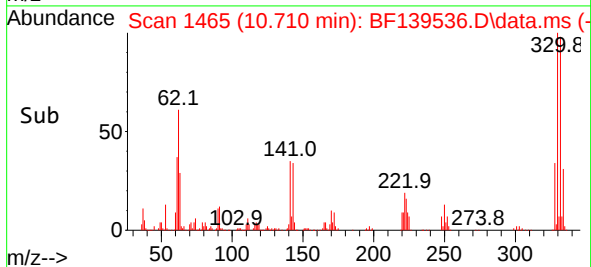
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

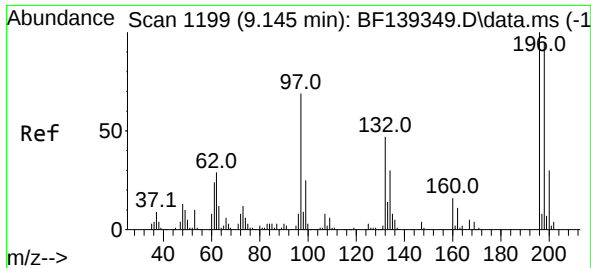


#42
2,4,6-Tribromophenol
Concen: 130.309 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:330 Resp: 242290
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 37.0 31.2 46.8





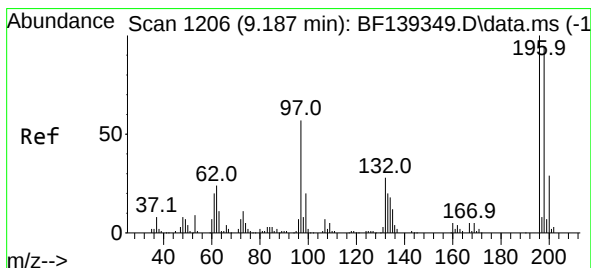
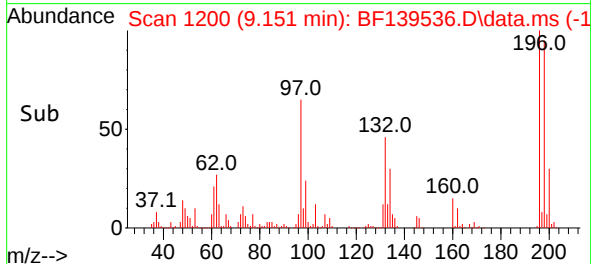
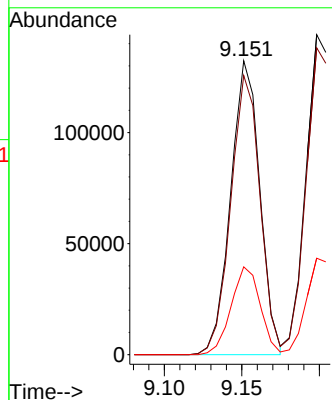
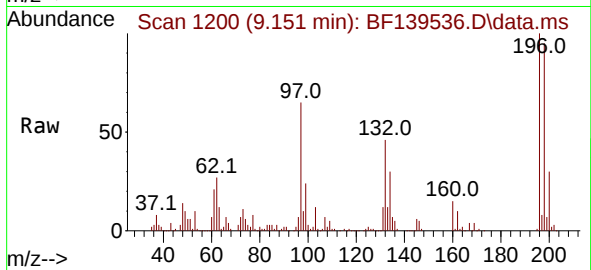
#43
2,4,6-Trichlorophenol
Concen: 51.435 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:196 Resp: 173208
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
200 29.9 24.1 36.1

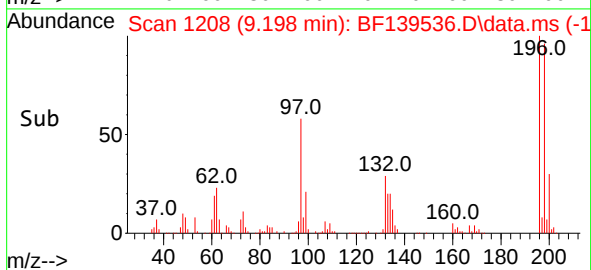
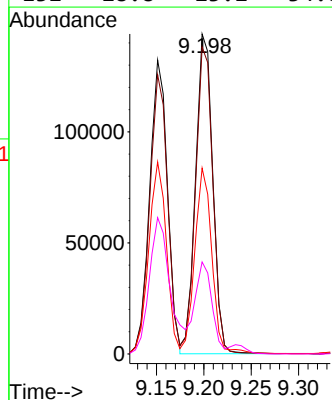
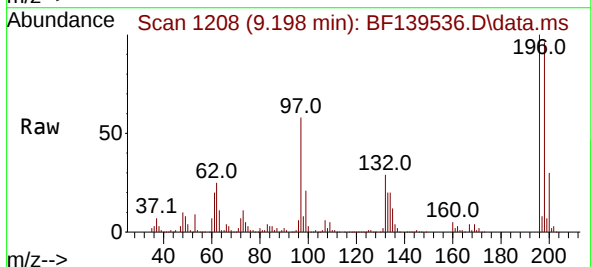
Manual Integrations
APPROVED

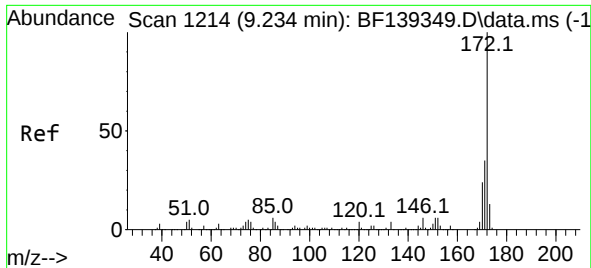
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#44
2,4,5-Trichlorophenol
Concen: 51.318 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:196 Resp: 182291
Ion Ratio Lower Upper
196 100
198 95.9 74.8 112.2
97 58.1 47.3 70.9
132 28.8 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 90.994 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

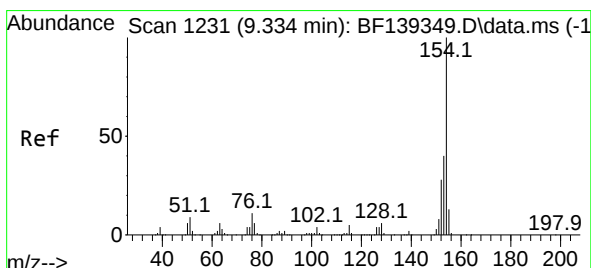
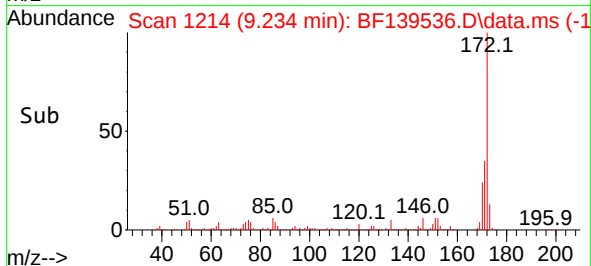
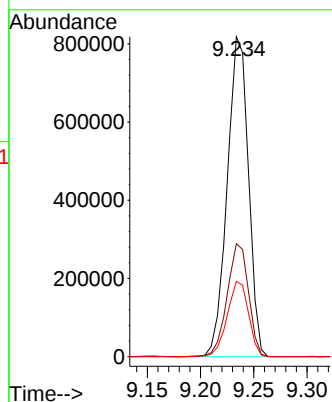
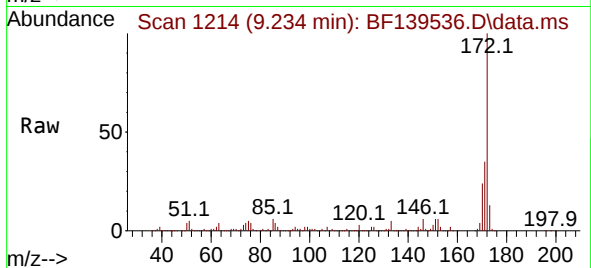
STOCK-PILEMS

Tgt Ion:172 Resp: 113310
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 19.0 28.6

Manual Integrations

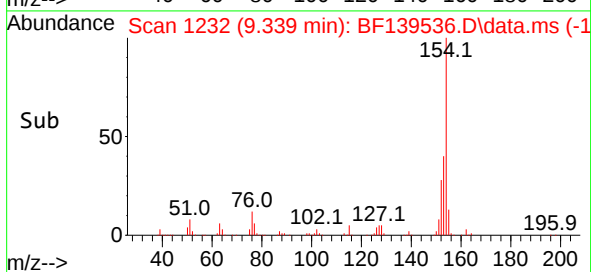
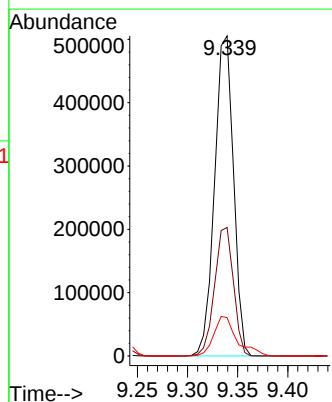
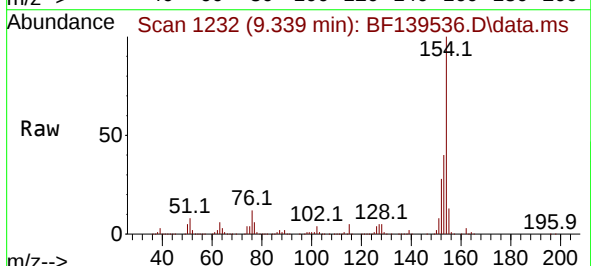
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:154 Resp: 662323
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 48.720 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139536.D

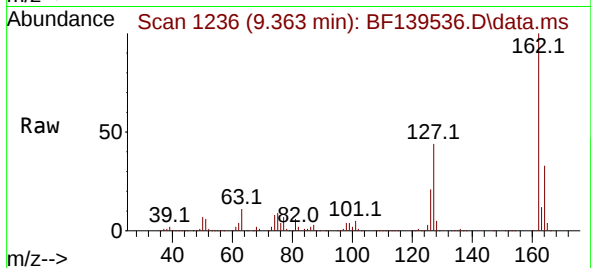
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS



Tgt Ion:162 Resp: 489449

Ion Ratio Lower Upper

162 100

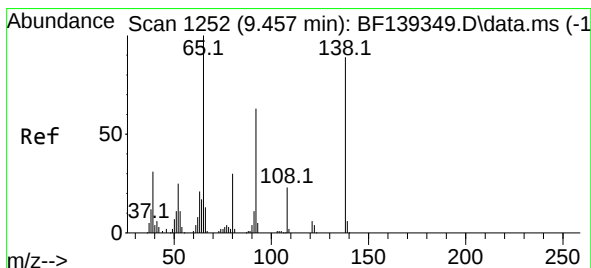
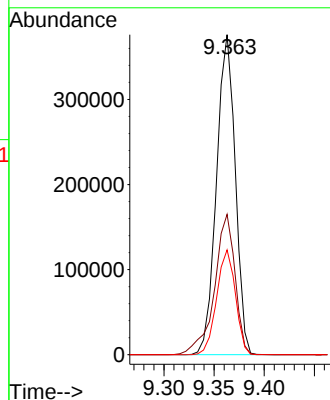
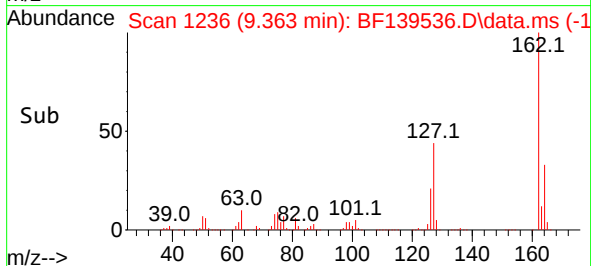
127 43.8 35.0 52.4

164 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#48

2-Nitroaniline

Concen: 51.792 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

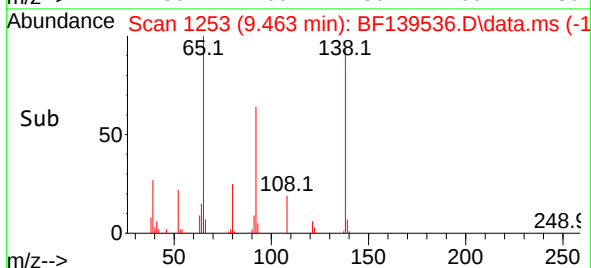
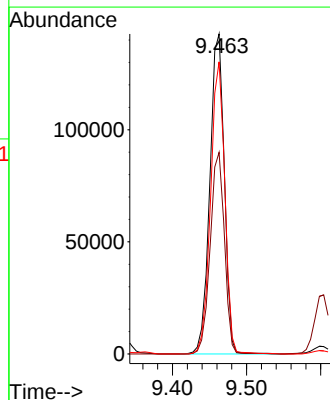
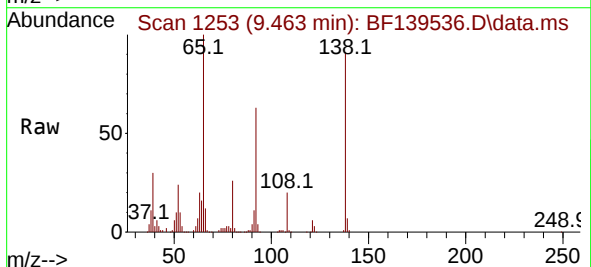
Tgt Ion: 65 Resp: 193529

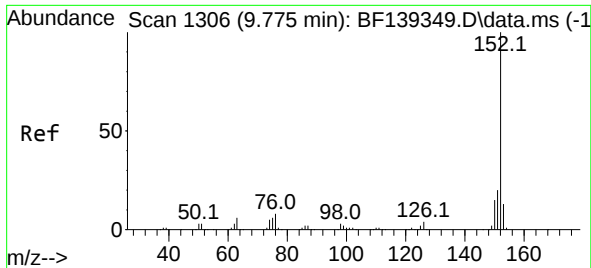
Ion Ratio Lower Upper

65 100

92 63.0 50.3 75.5

138 91.3 71.3 106.9





#49
Acenaphthylene
Concen: 53.874 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

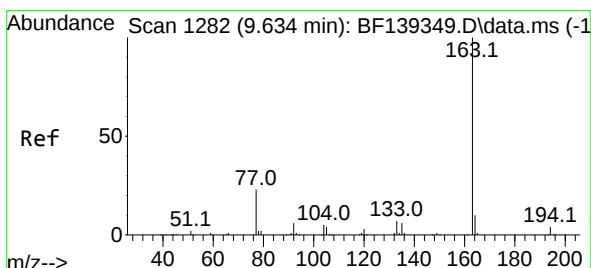
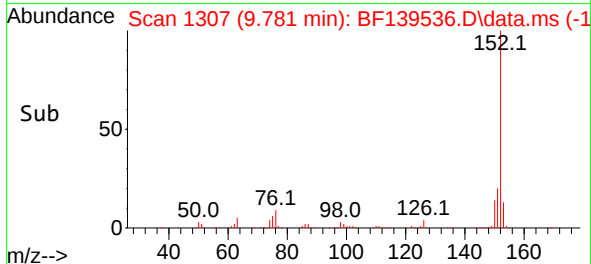
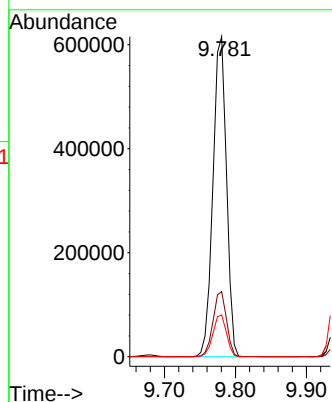
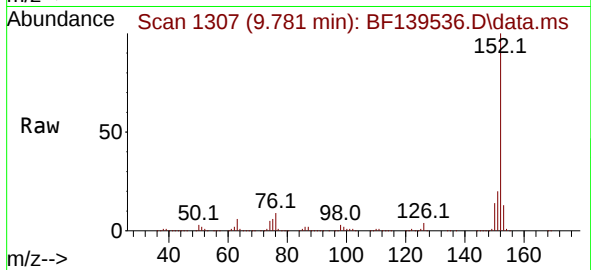
STOCK-PILEMS

Tgt Ion:152 Resp: 814710
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations

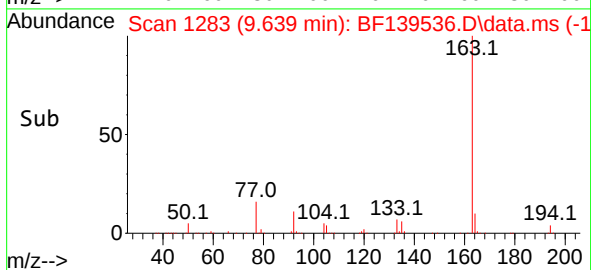
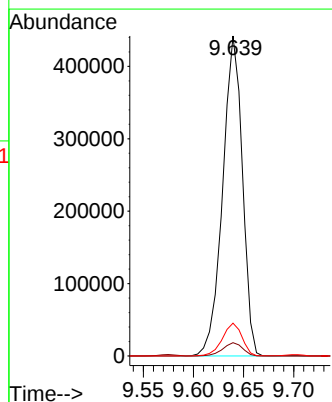
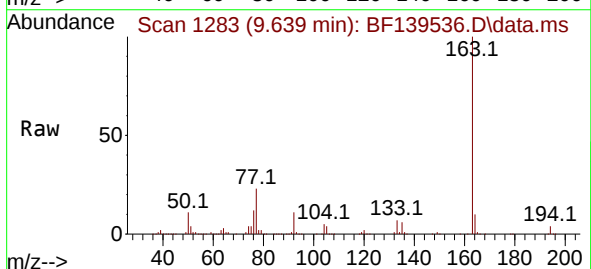
APPROVED

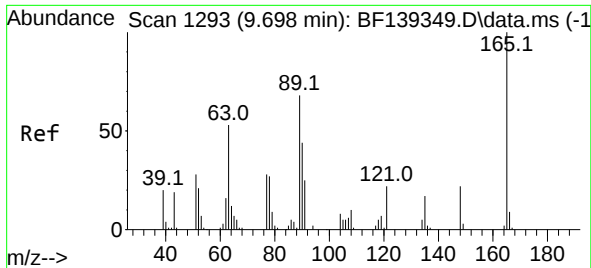
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#50
Dimethylphthalate
Concen: 52.729 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:163 Resp: 604436
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.182 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

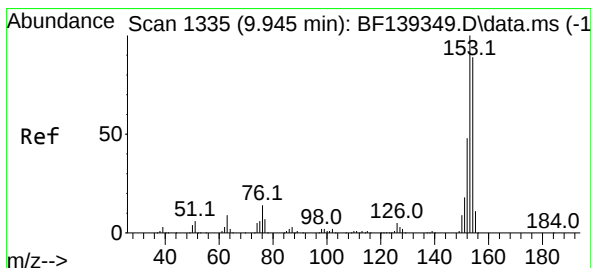
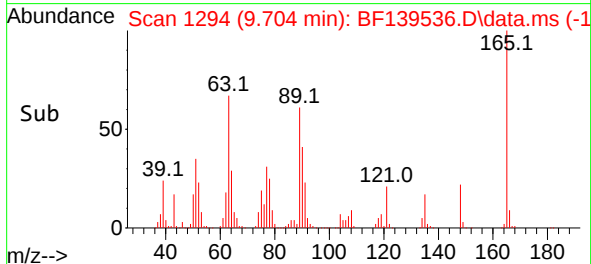
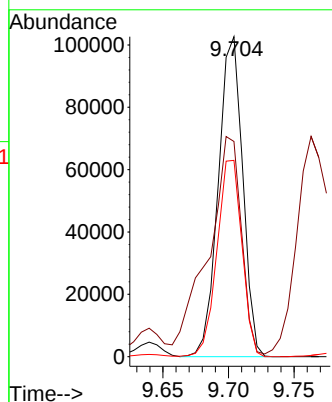
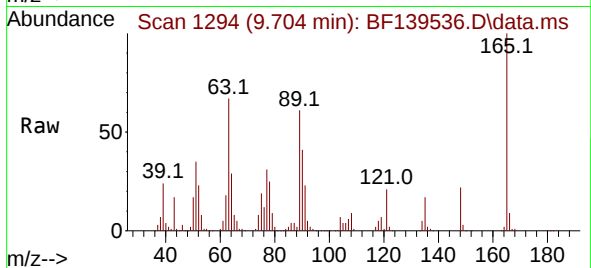
STOCK-PILEMS

Tgt Ion:165 Resp: 13251
Ion Ratio Lower Upper
165 100
63 67.2 60.9 91.3
89 61.3 54.7 82.1

Manual Integrations

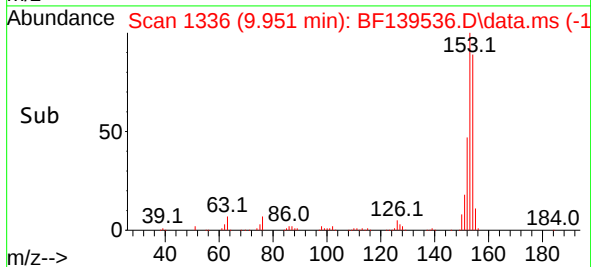
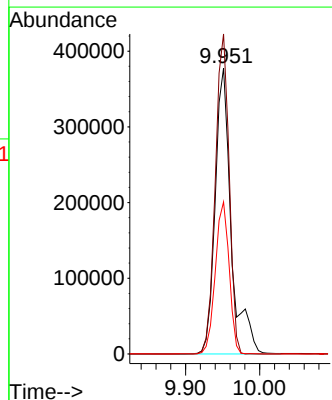
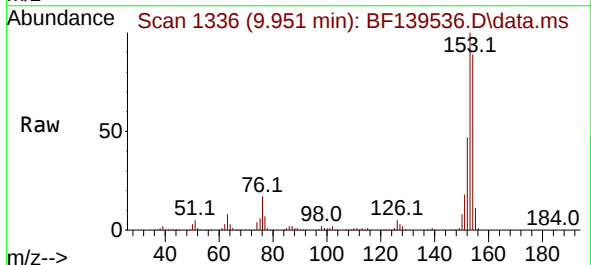
APPROVED

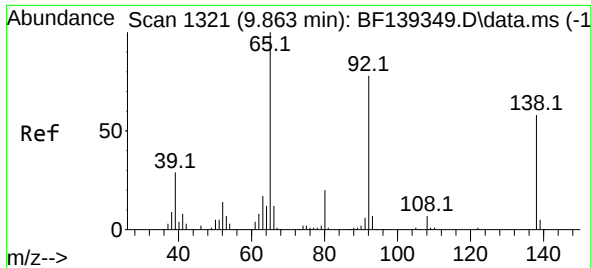
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#52
Acenaphthene
Concen: 53.712 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:154 Resp: 566904
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.2 42.6 64.0





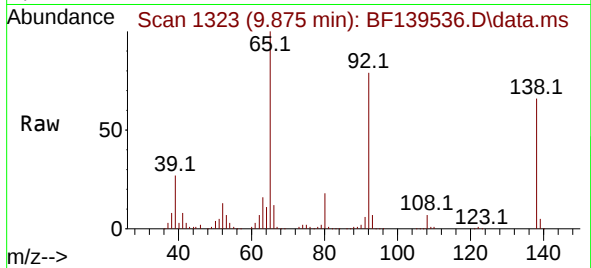
#53
3-Nitroaniline
Concen: 42.266 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

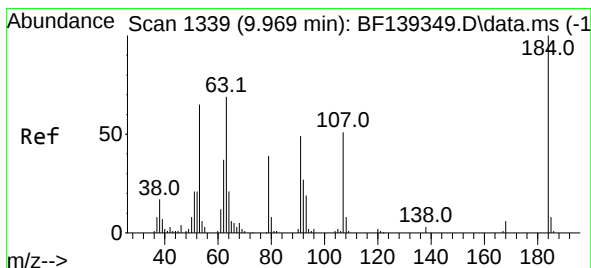
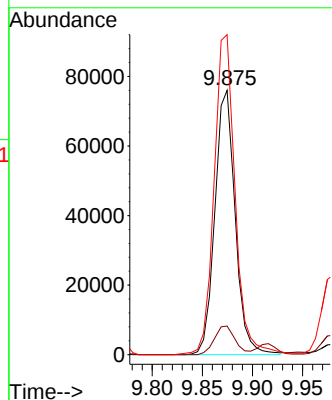
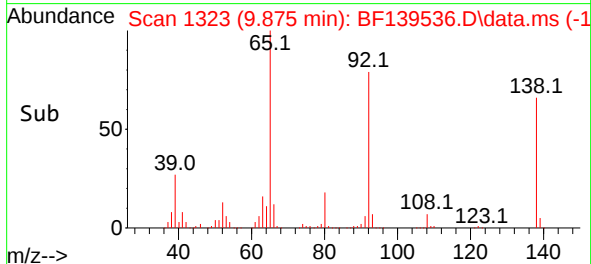


Tgt Ion:138 Resp: 107264
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 121.0 107.4 161.2

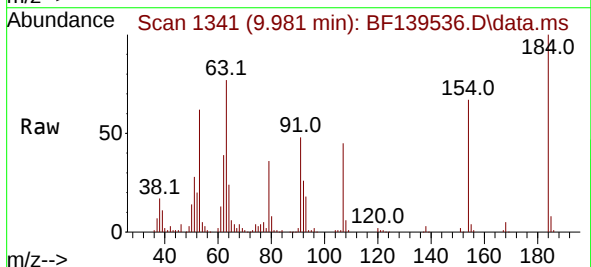
Manual Integrations

APPROVED

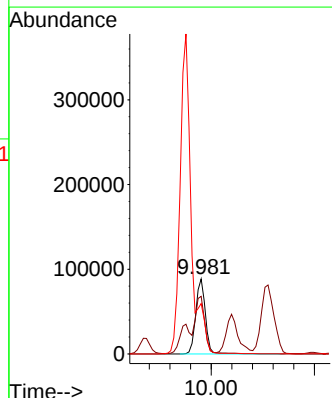
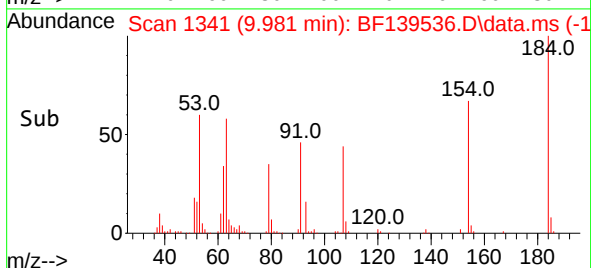
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

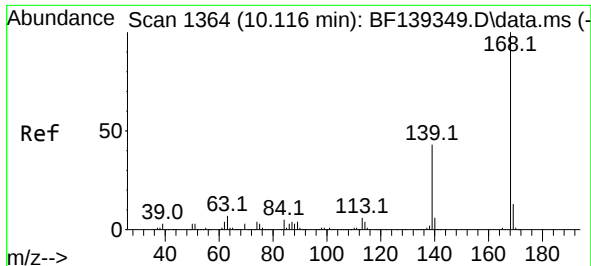


#54
2,4-Dinitrophenol
Concen: 81.628 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:184 Resp: 115504
Ion Ratio Lower Upper
184 100
63 76.8 69.3 103.9
154 67.1 67.5 101.3#





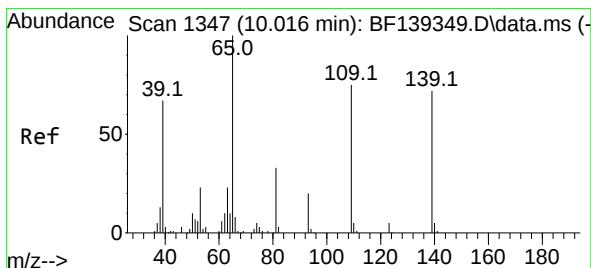
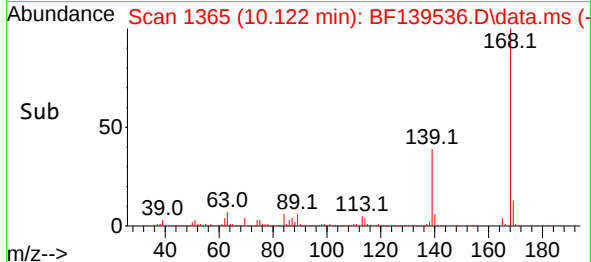
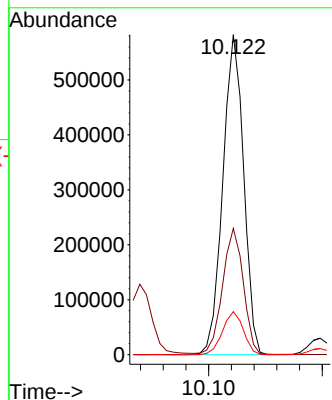
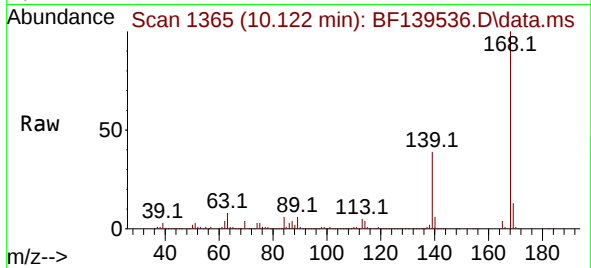
#55
Dibenzenofuran
Concen: 50.350 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:168 Resp: 74069
Ion Ratio Lower Upper
168 100
139 39.5 34.1 51.1
169 13.5 10.5 15.7

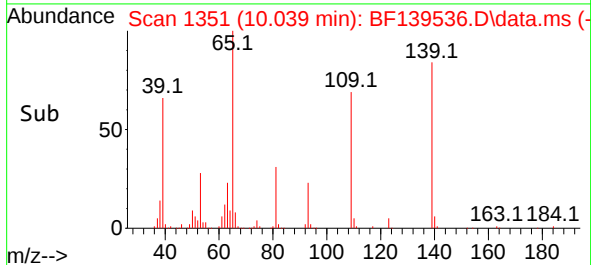
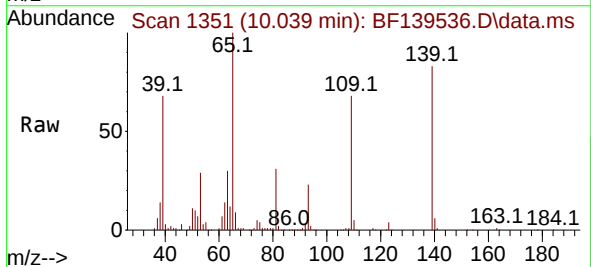
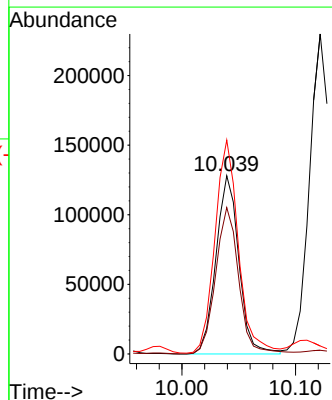
Manual Integrations
APPROVED

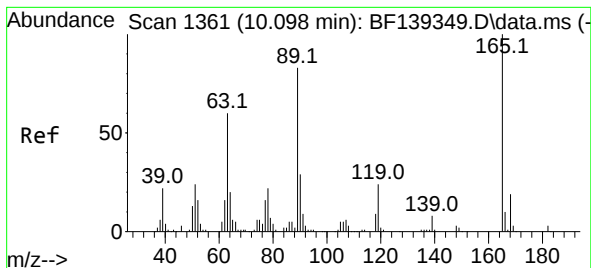
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#56
4-Nitrophenol
Concen: 85.507 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:139 Resp: 179559
Ion Ratio Lower Upper
139 100
109 82.1 84.1 124.1#
65 120.0 120.0 160.0





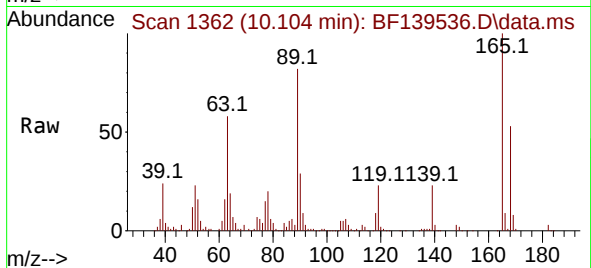
#57
2,4-Dinitrotoluene
Concen: 52.180 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

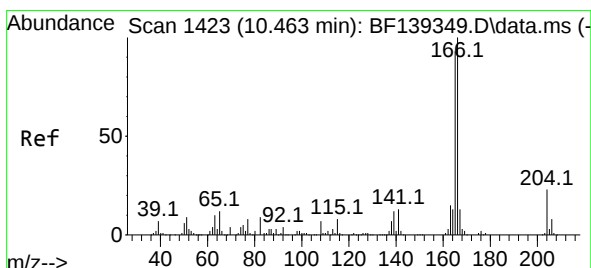
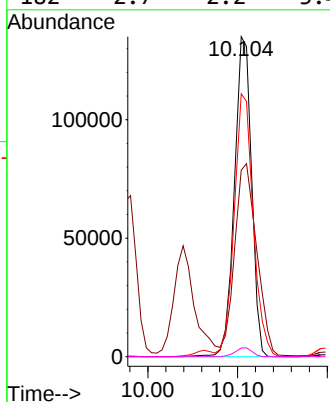
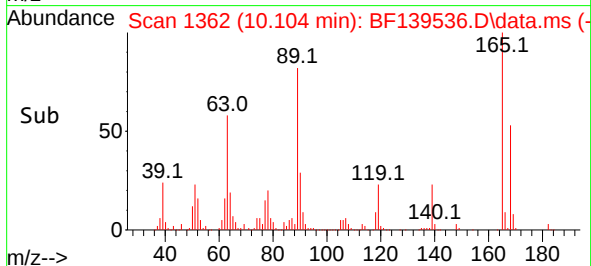


Tgt Ion:165 Resp: 17889
Ion Ratio Lower Upper
165 100
63 58.3 47.8 71.6
89 82.2 66.7 100.1
182 2.7 2.2 3.4

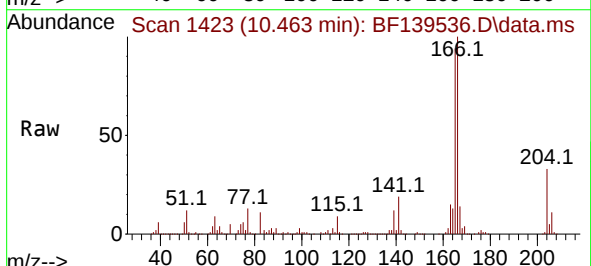
Manual Integrations

APPROVED

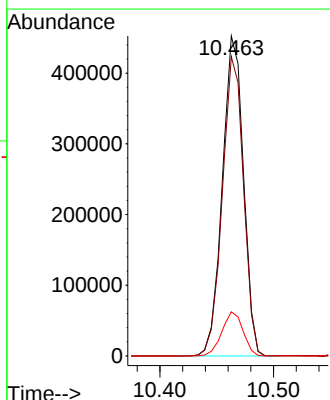
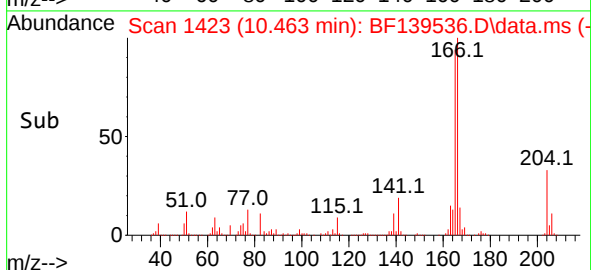
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#58
Fluorene
Concen: 48.723 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



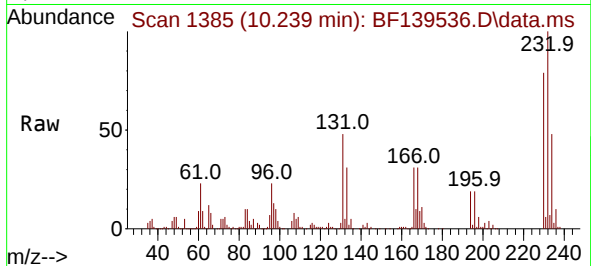
Tgt Ion:166 Resp: 584809
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.623 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

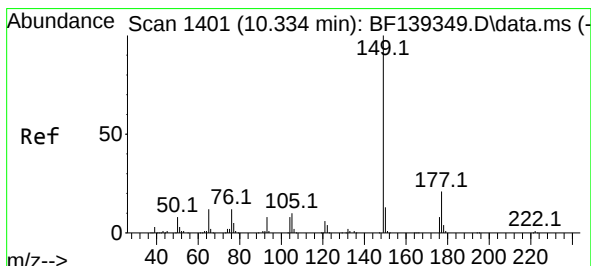
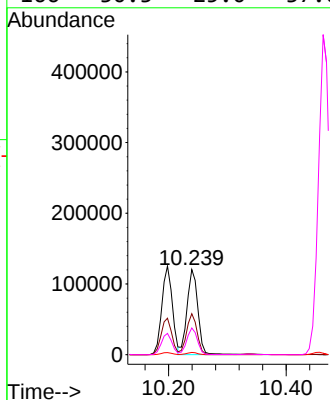
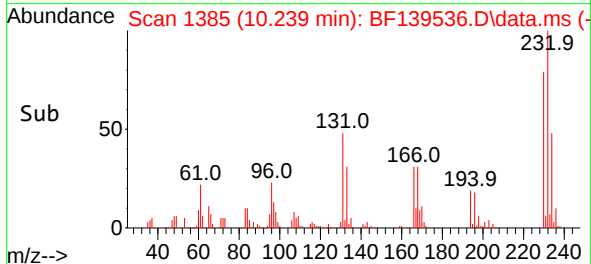
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



Tgt Ion:232 Resp: 154630
Ion Ratio Lower Upper
232 100
131 47.3 40.7 61.1
130 2.6 2.2 3.2
166 30.3 25.0 37.6

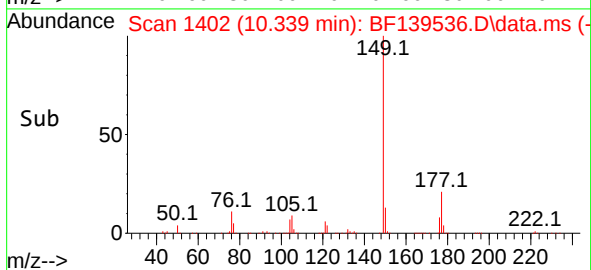
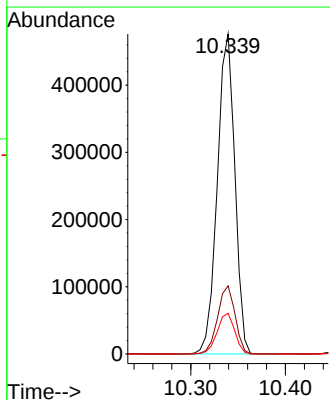
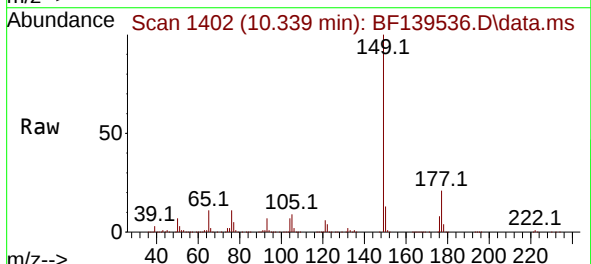
Manual Integrations
APPROVED

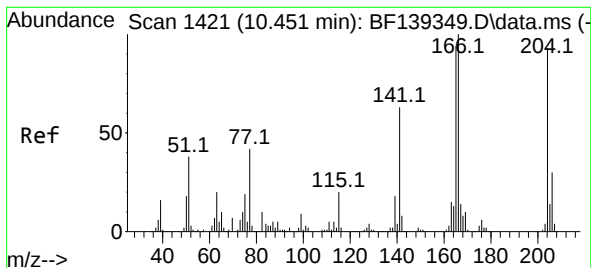
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#60
Diethylphthalate
Concen: 51.876 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

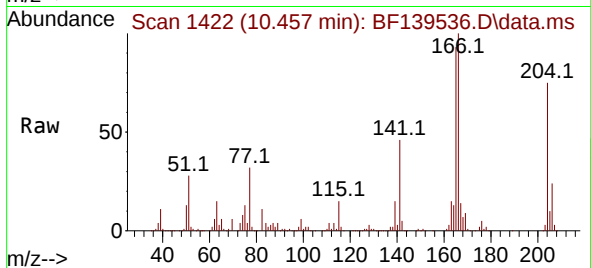
Tgt Ion:149 Resp: 613661
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 48.947 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

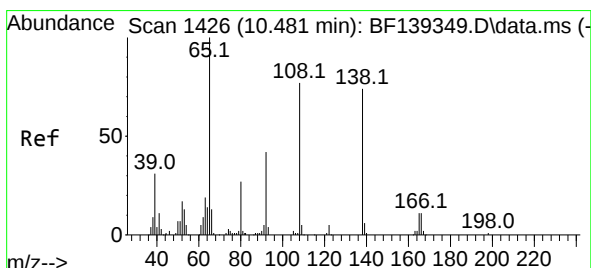
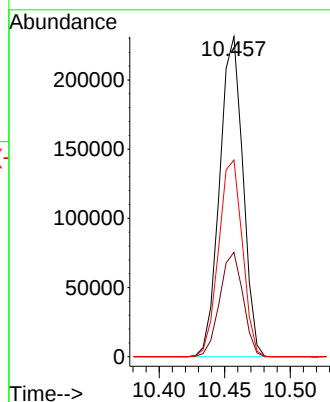
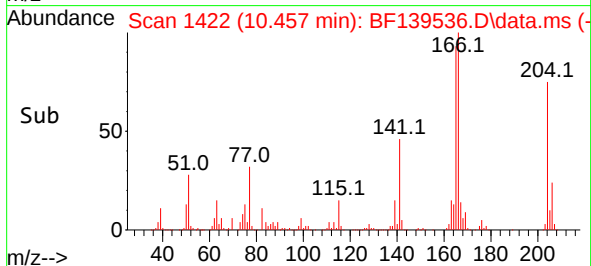
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



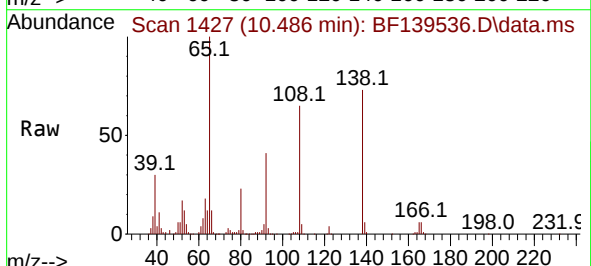
Tgt Ion:204 Resp: 285519
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 61.4 53.9 80.9

Manual Integrations
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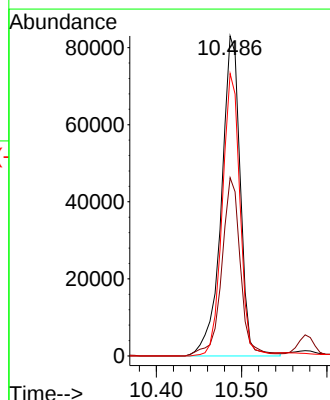
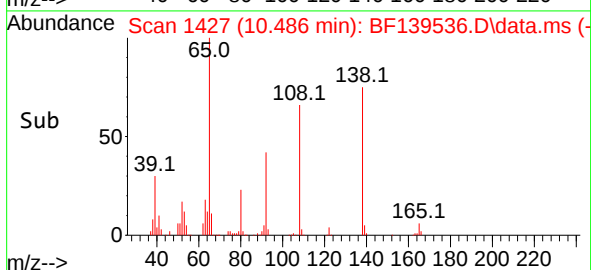
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

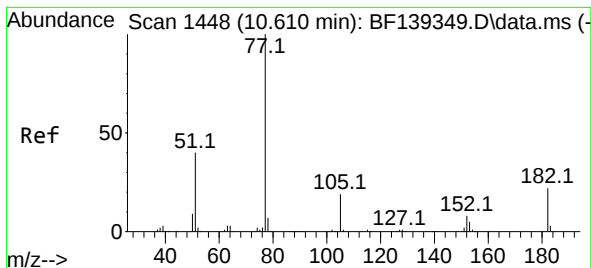


#62
4-Nitroaniline
Concen: 46.301 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:138 Resp: 128242
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 88.2 84.4 124.4





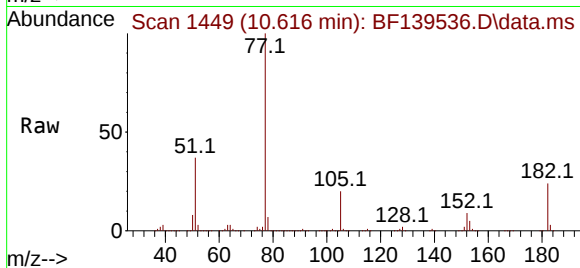
#63
Azobenzene
Concen: 52.296 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

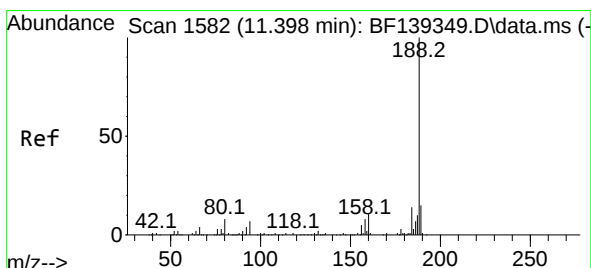
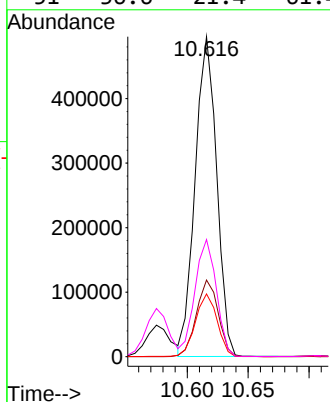
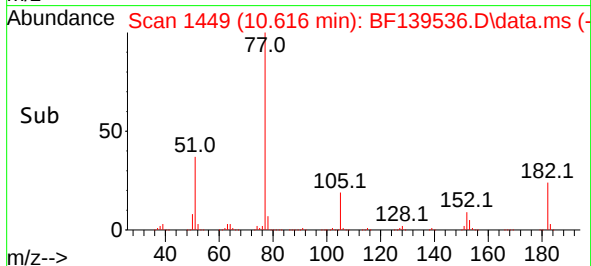


Tgt Ion: 77 Resp: 608449
Ion Ratio Lower Upper
77 100
182 23.9 1.8 41.8
105 19.6 0.0 38.6
51 36.6 21.4 61.4

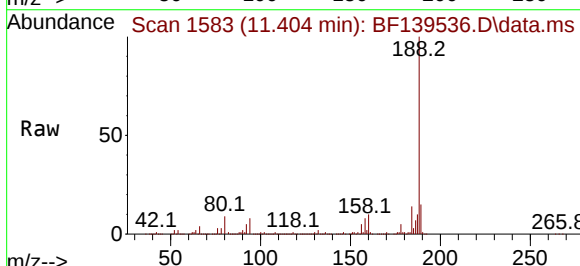
Manual Integrations

APPROVED

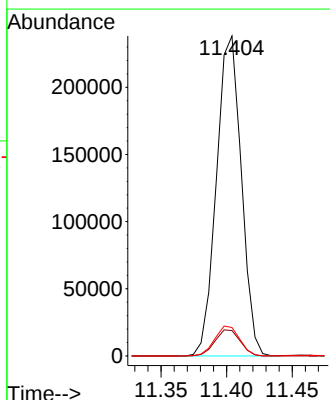
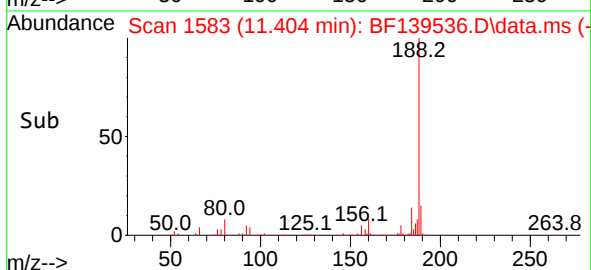
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

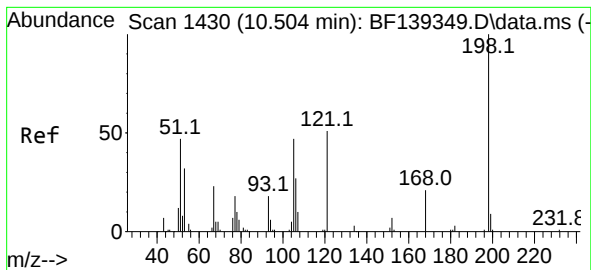


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



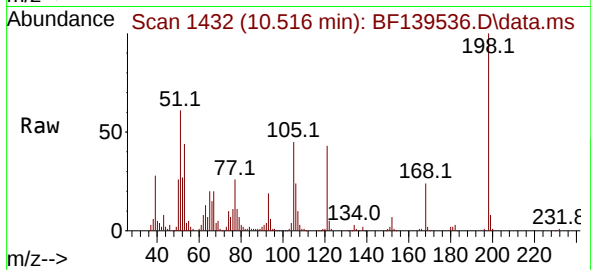
Tgt Ion:188 Resp: 314578
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.9 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.886 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

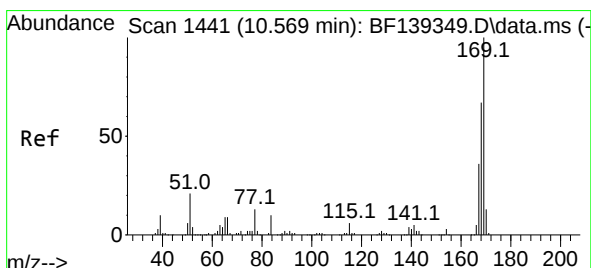
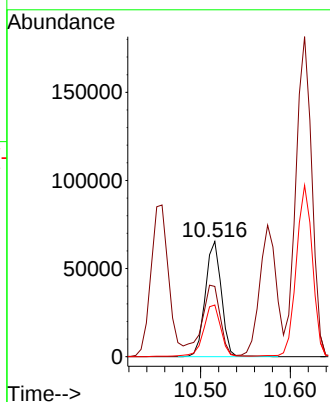
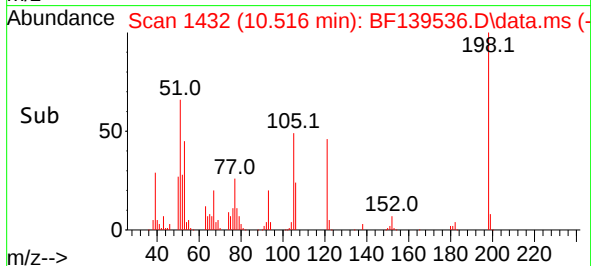
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



Tgt Ion:198 Resp: 81160
Ion Ratio Lower Upper
198 100
51 60.9 50.4 90.4
105 44.9 28.3 68.3

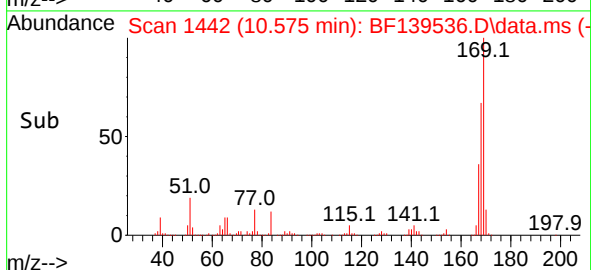
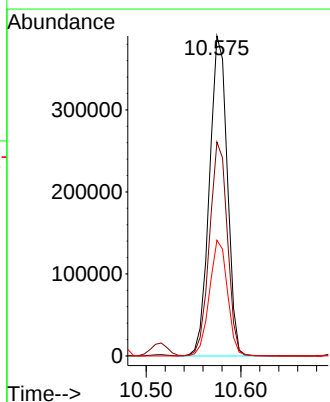
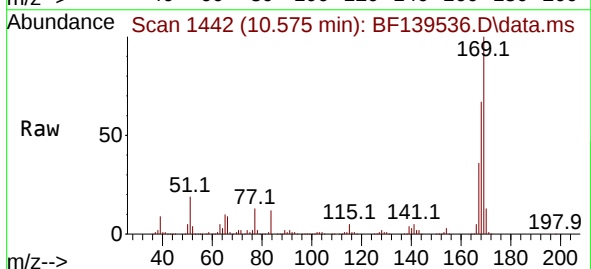
Manual Integrations
APPROVED

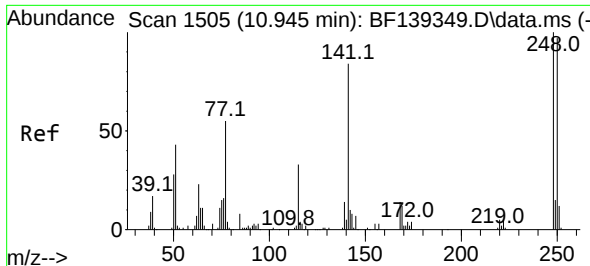
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#66
n-Nitrosodiphenylamine
Concen: 55.313 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:169 Resp: 508728
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.1 28.7 43.1





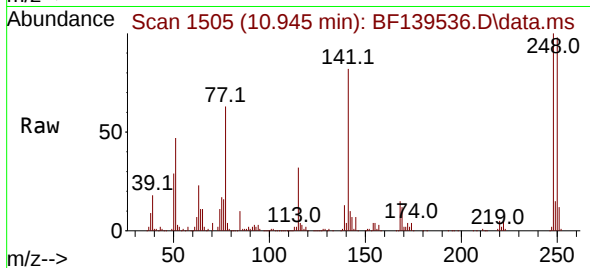
#67
4-Bromophenyl-phenylether
Concen: 54.089 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

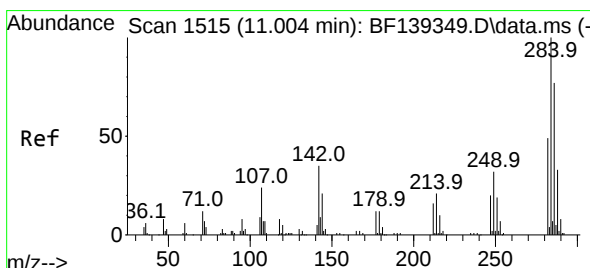
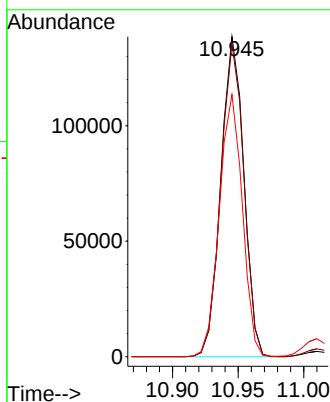
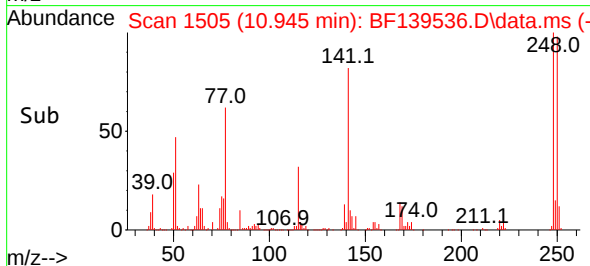


Tgt Ion:248 Resp: 16861
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 81.9 66.9 100.3

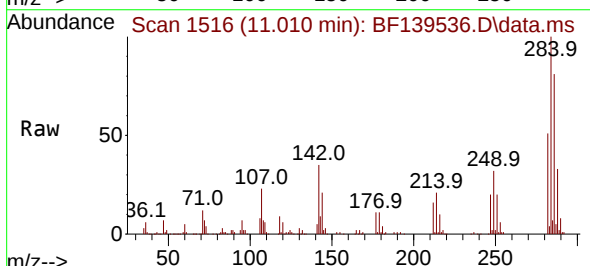
Manual Integrations

APPROVED

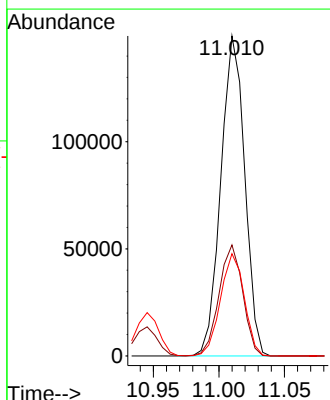
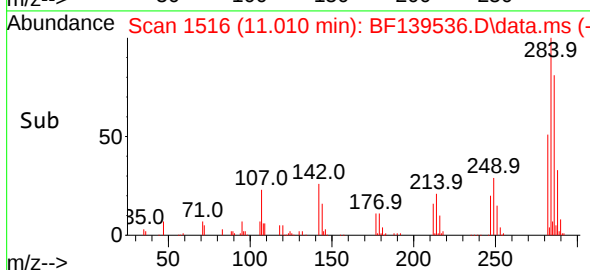
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#68
Hexachlorobenzene
Concen: 51.673 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:284 Resp: 189052
Ion Ratio Lower Upper
284 100
142 34.7 28.0 42.0
249 31.9 25.3 37.9





#69

Atrazine

Concen: 73.162 ng

RT: 11.104 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion:200 Resp: 16019

Ion Ratio Lower Upper

200 100

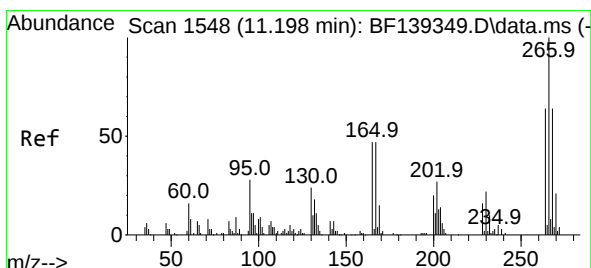
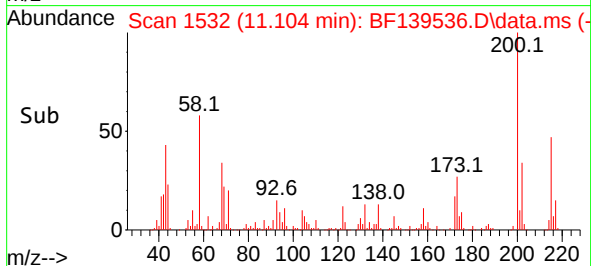
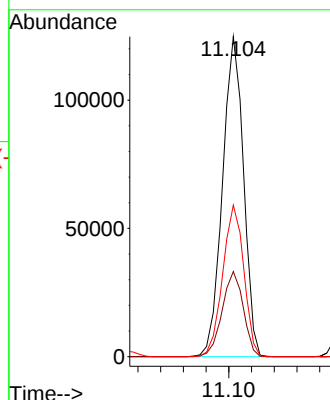
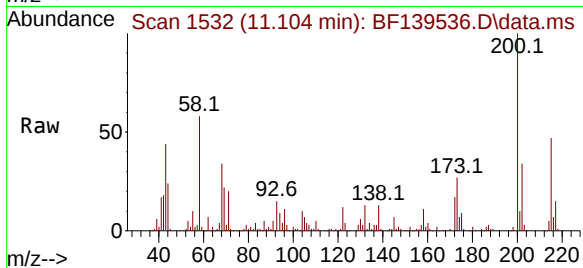
173 26.6 6.1 46.1

215 47.3 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#70

Pentachlorophenol

Concen: 90.619 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

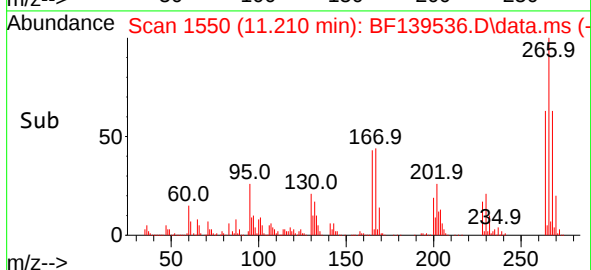
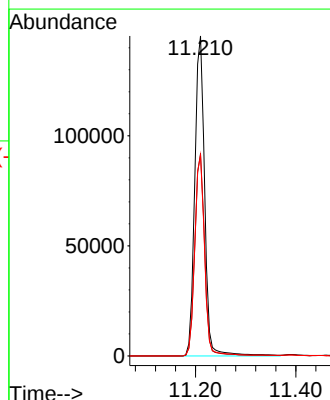
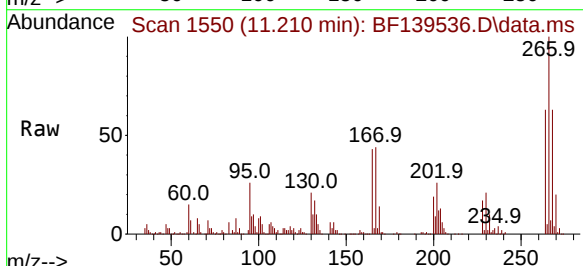
Tgt Ion:266 Resp: 198939

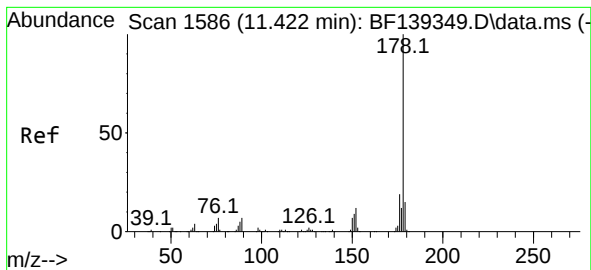
Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

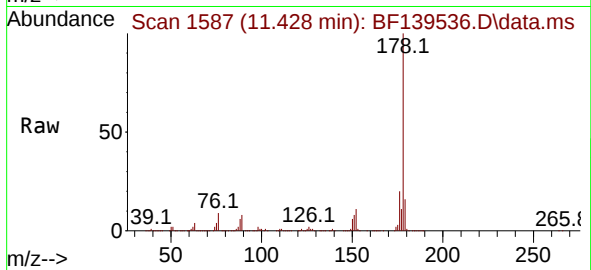
264 62.8 51.4 77.0





#71
Phenanthrene
Concen: 52.924 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

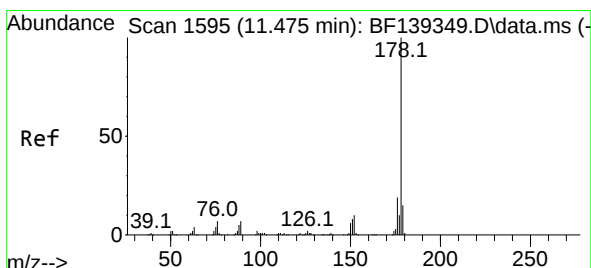
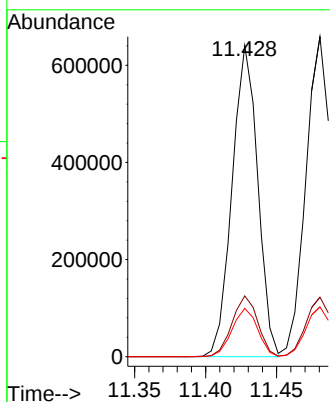
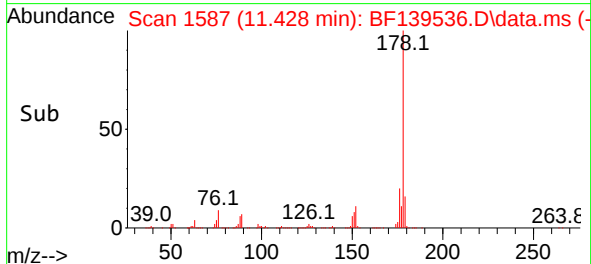
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



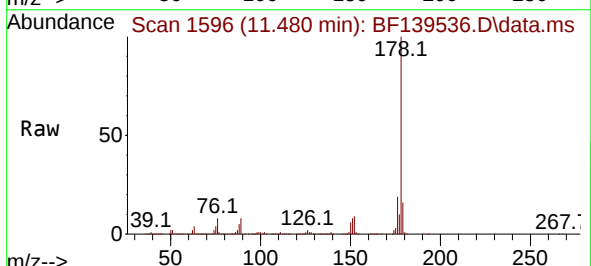
Tgt Ion:178 Resp: 80322
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.5 12.2 18.4

Manual Integrations
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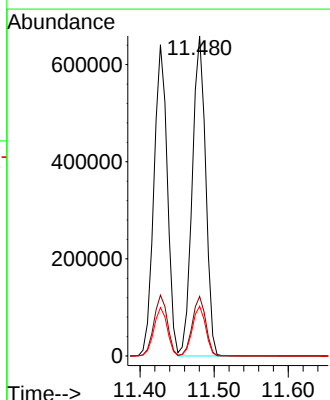
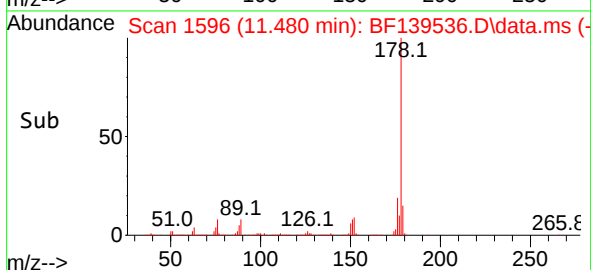
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

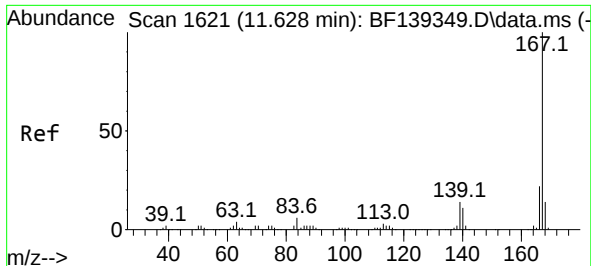


#72
Anthracene
Concen: 55.674 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:178 Resp: 826145
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.5 12.0 18.0





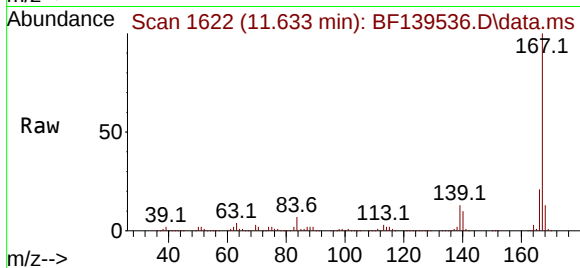
#73
 Carbazole
 Concen: 50.058 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

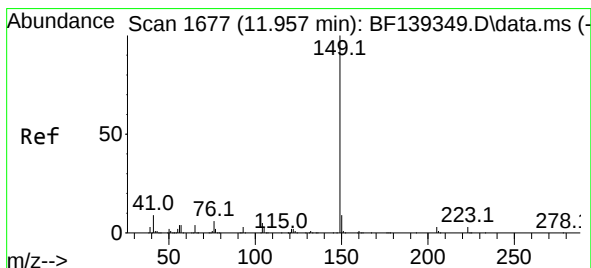
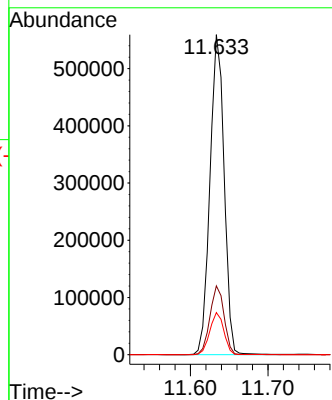
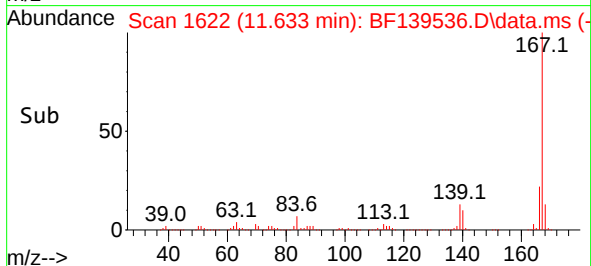


Tgt Ion:167 Resp: 710938
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.2 10.9 16.3

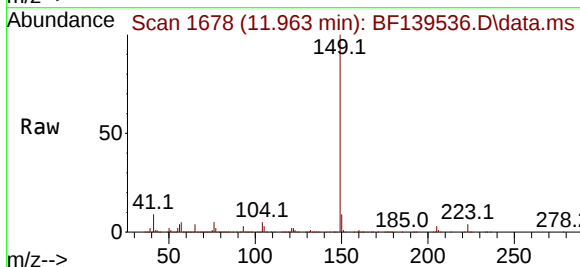
Manual Integrations

APPROVED

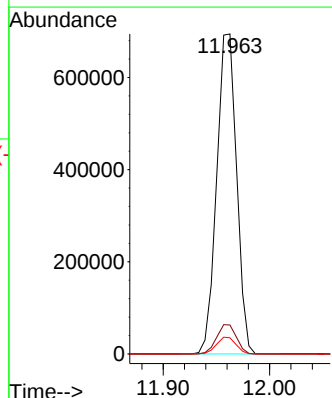
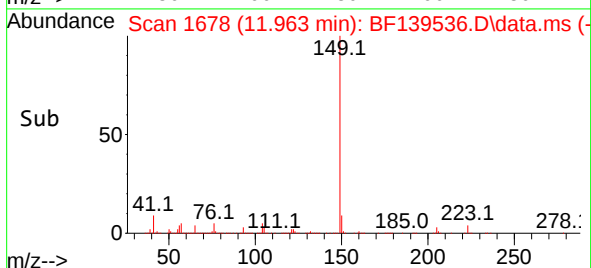
Reviewed By :Jagrut Upadhyay 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

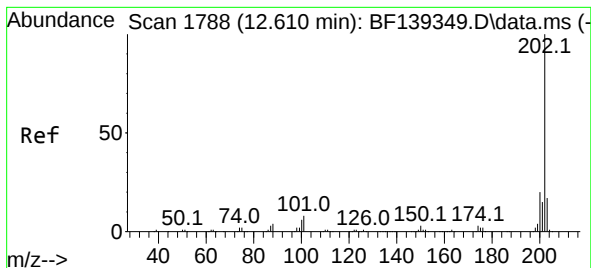


#74
 Di-n-butylphthalate
 Concen: 56.945 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF139536.D
 Acq: 25 Sep 2024 18:50



Tgt Ion:149 Resp: 900920
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 47.033 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139536.D

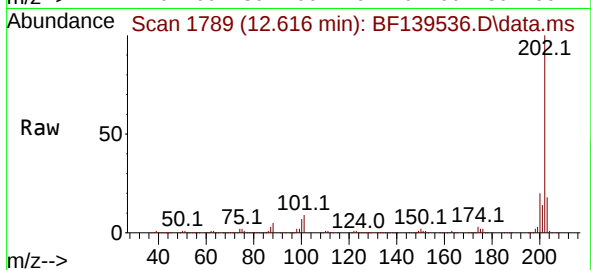
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS



Tgt Ion:202 Resp: 76230

Ion Ratio Lower Upper

202 100

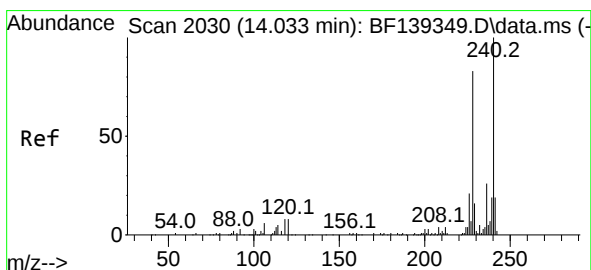
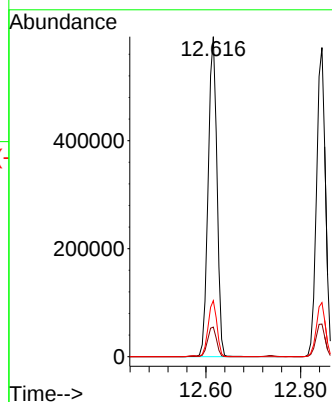
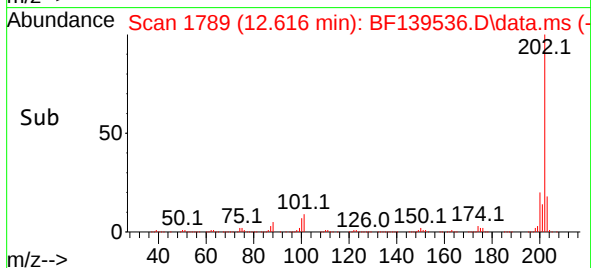
101 9.3 0.0 27.7

203 17.5 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

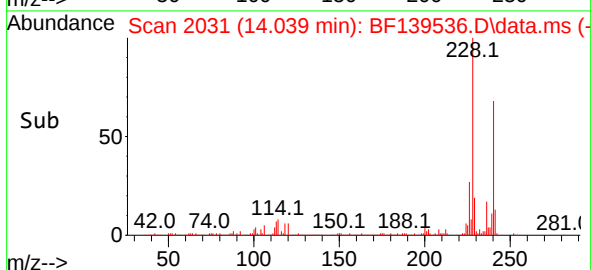
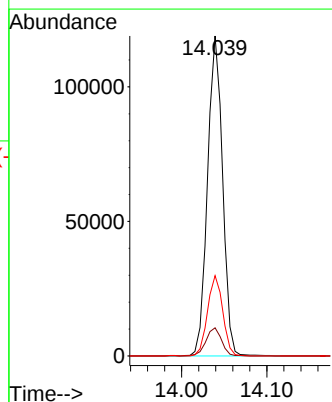
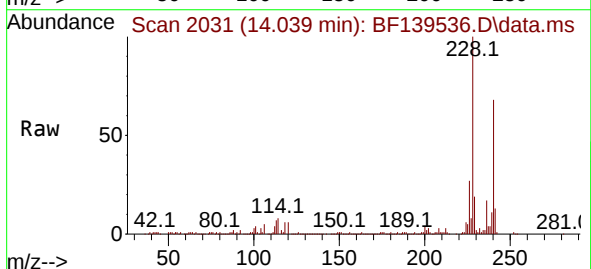
Tgt Ion:240 Resp: 146193

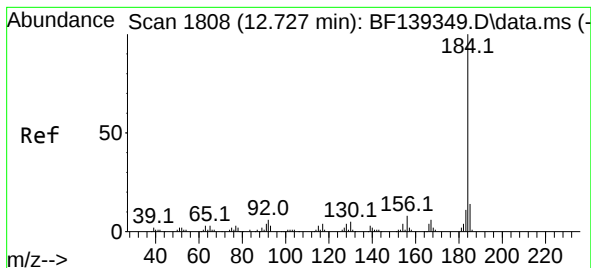
Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 25.1 20.9 31.3





#77

Benzidine

Concen: 173.759 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139536.D

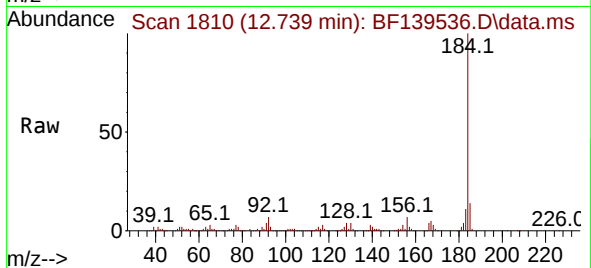
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS



Tgt Ion:184 Resp: 36394

Ion Ratio Lower Upper

184 100

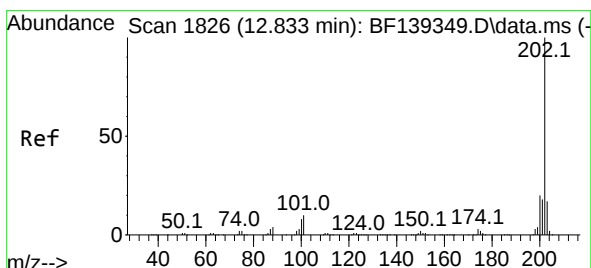
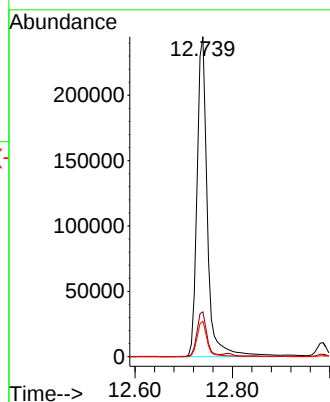
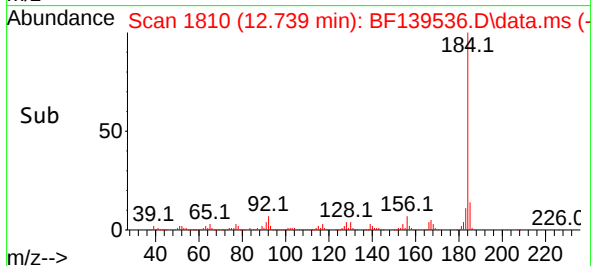
185 14.0 11.5 17.3

183 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#78

Pyrene

Concen: 59.128 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

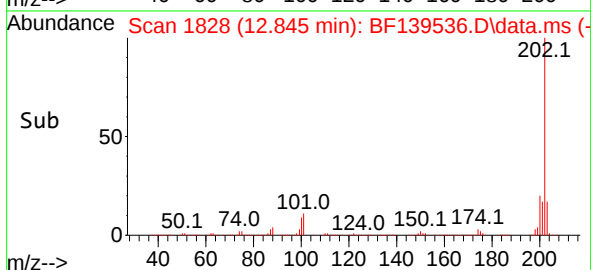
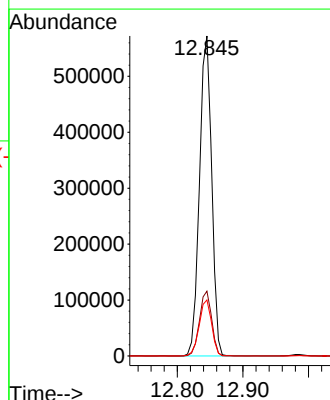
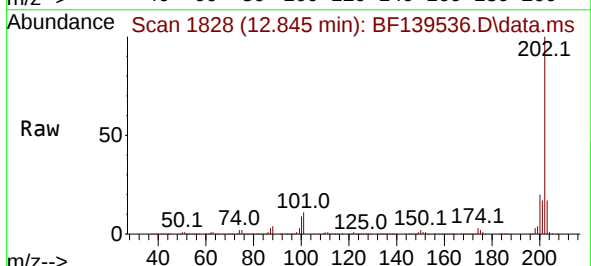
Tgt Ion:202 Resp: 742213

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 109.802 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

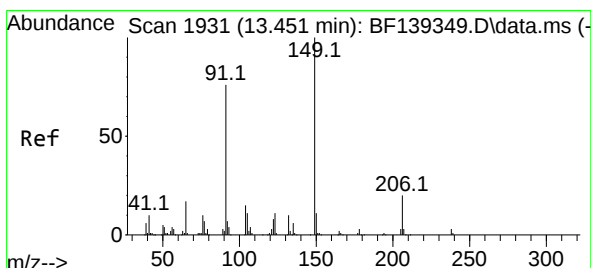
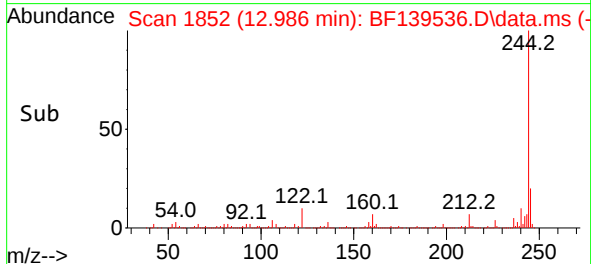
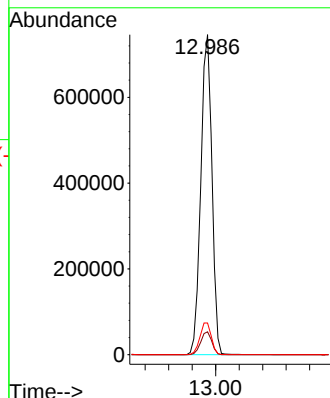
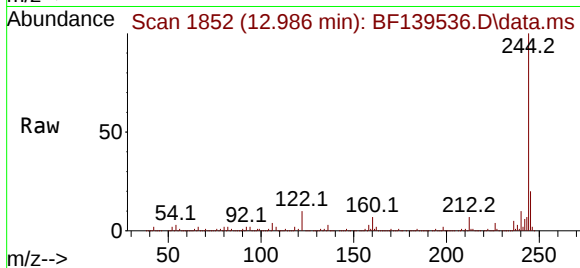
STOCK-PILEMS

Tgt Ion:	244	Resp:	97796
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	9.9	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#80

Butylbenzylphthalate

Concen: 60.585 ng

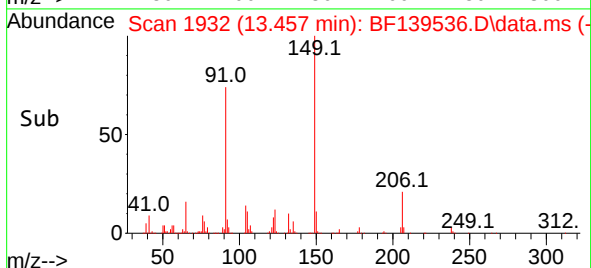
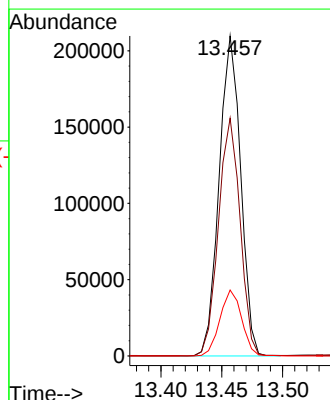
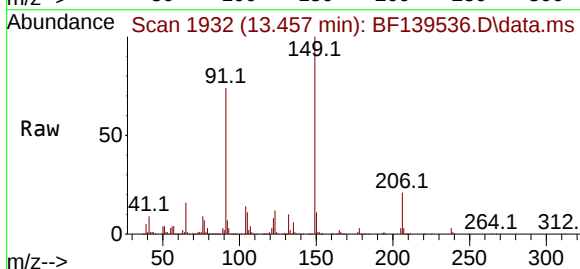
RT: 13.457 min Scan# 1932

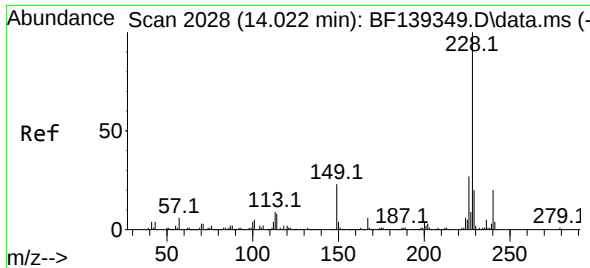
Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Tgt Ion:	149	Resp:	258860
Ion Ratio	Lower	Upper	
149	100		
91	74.3	60.9	91.3
206	20.6	15.8	23.8





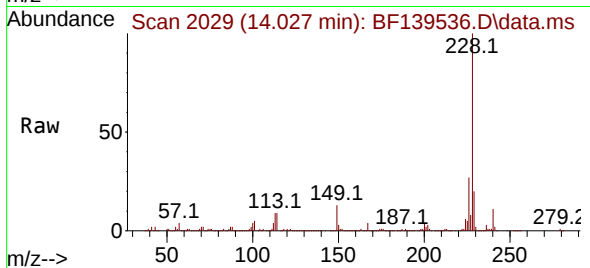
#81
Benzo(a)anthracene
Concen: 53.531 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

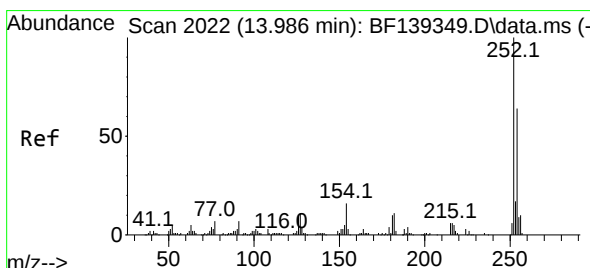
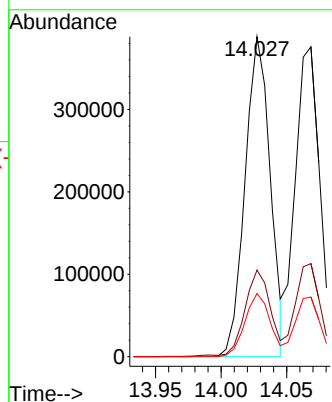
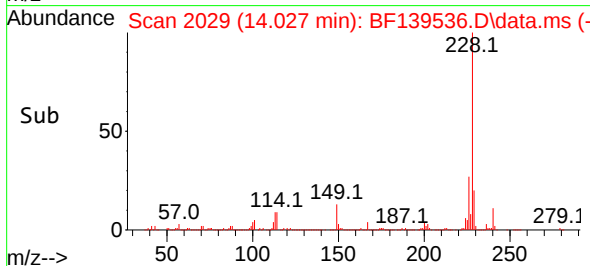


Tgt Ion:228 Resp: 518385
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.8 15.7 23.5

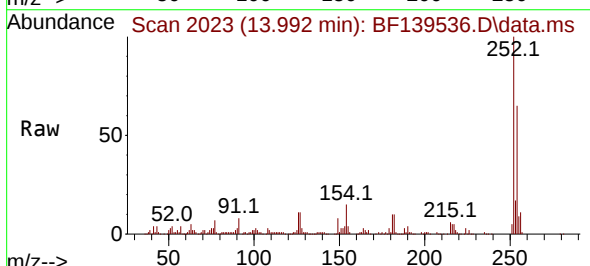
Manual Integrations

APPROVED

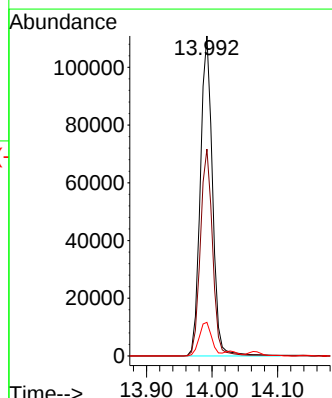
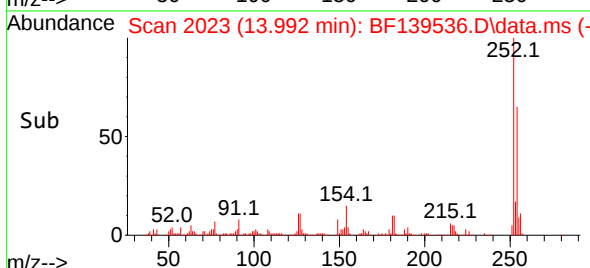
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

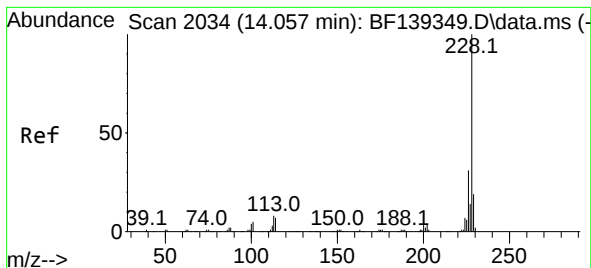


#82
3,3'-Dichlorobenzidine
Concen: 50.549 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:252 Resp: 143352
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.5 7.7 11.5





#83

Chrysene

Concen: 55.085 ng

RT: 14.069 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion:228 Resp: 490760

Ion Ratio Lower Upper

228 100

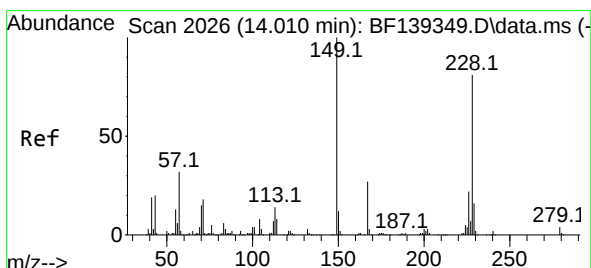
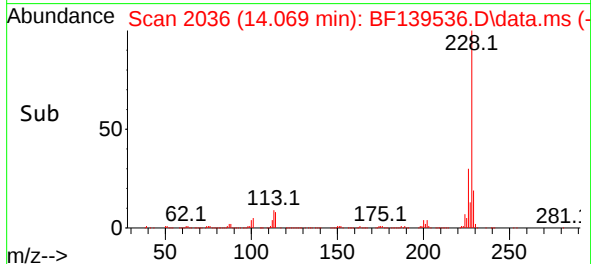
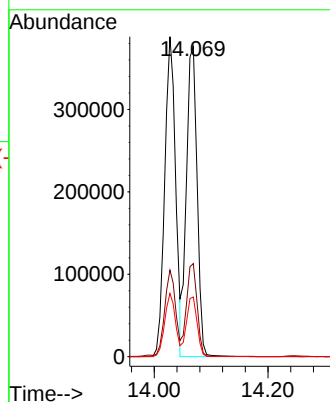
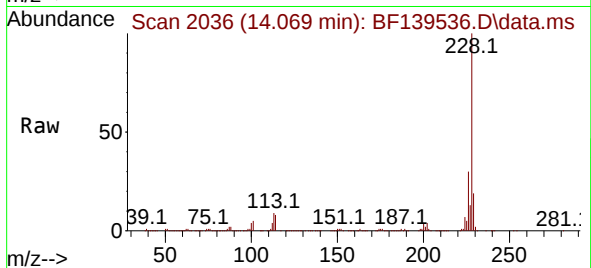
226 30.0 24.1 36.1

229 19.3 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.988 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

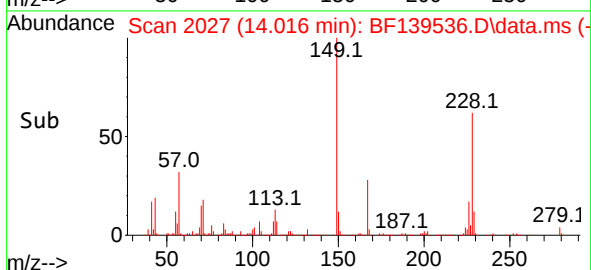
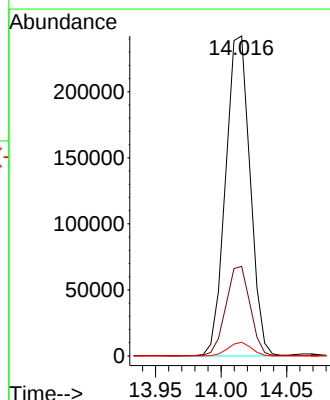
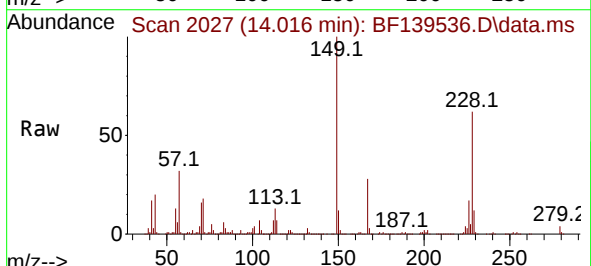
Tgt Ion:149 Resp: 315187

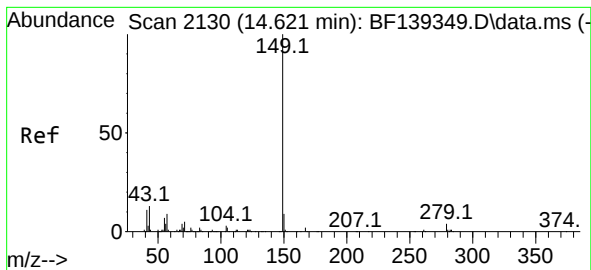
Ion Ratio Lower Upper

149 100

167 28.0 21.6 32.4

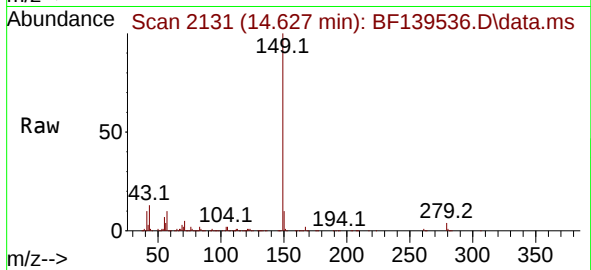
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 62.433 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

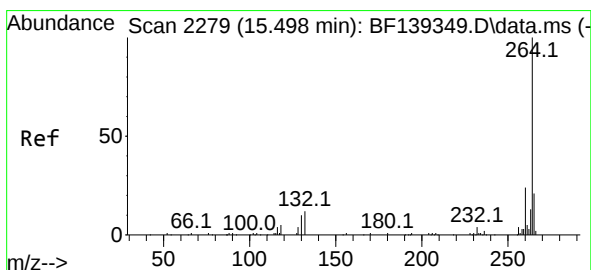
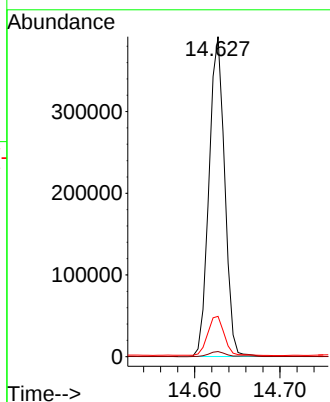
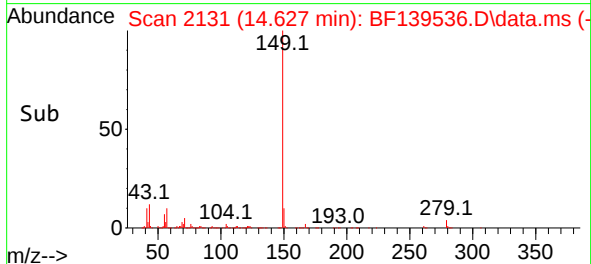
Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS



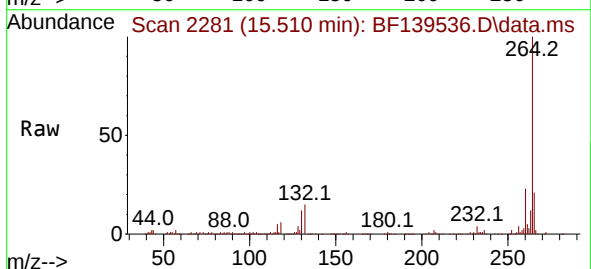
Tgt Ion:149 Resp: 49976
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 13.0 10.6 16.0

Manual Integrations
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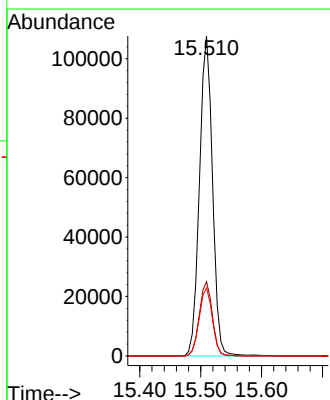
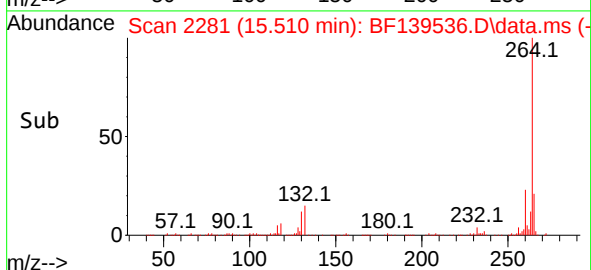
Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

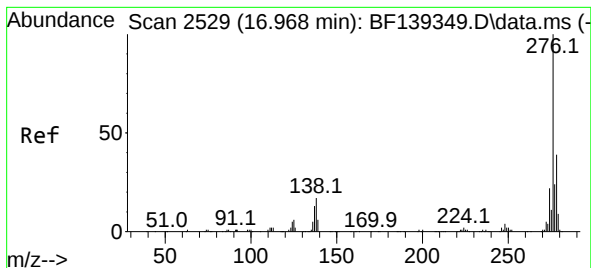


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50



Tgt Ion:264 Resp: 159732
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.435 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139536.D

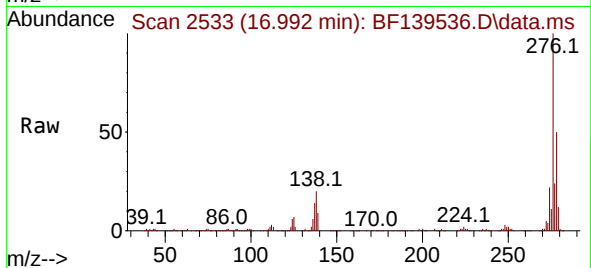
Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS



Tgt Ion:276 Resp: 47903

Ion Ratio Lower Upper

276 100

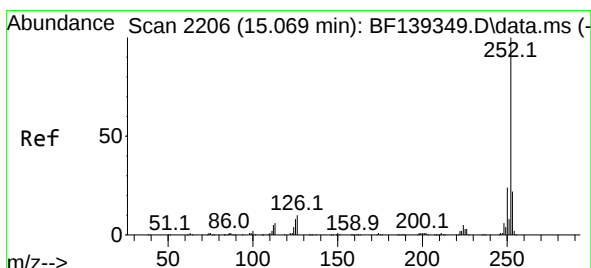
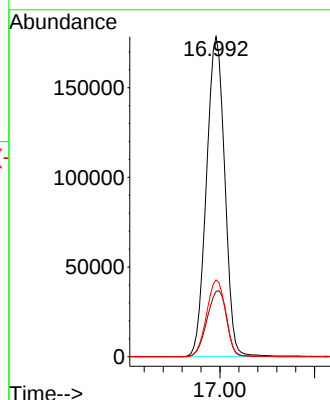
138 22.4 15.4 23.2

277 24.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#88

Benzo(b)fluoranthene

Concen: 56.241 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

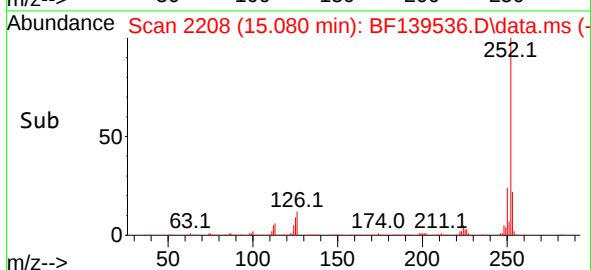
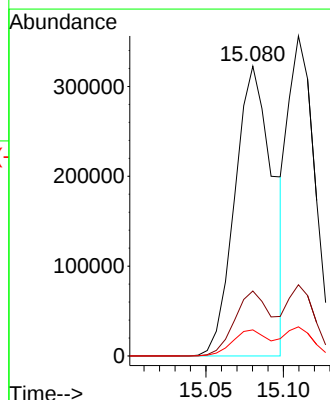
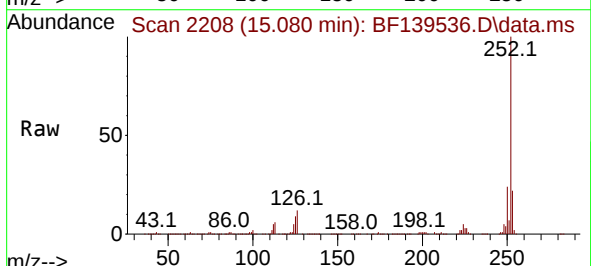
Tgt Ion:252 Resp: 554047

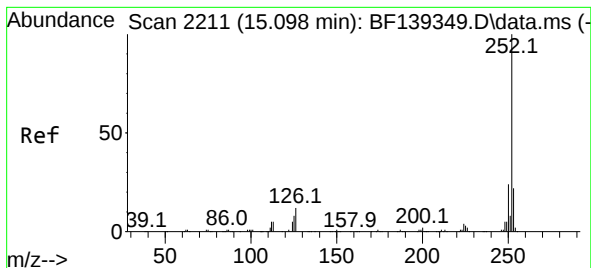
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.0 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 47.097 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

Instrument :

BNA_F

ClientSampleId :

STOCK-PILEMS

Tgt Ion:252 Resp: 427789

Ion Ratio Lower Upper

252 100

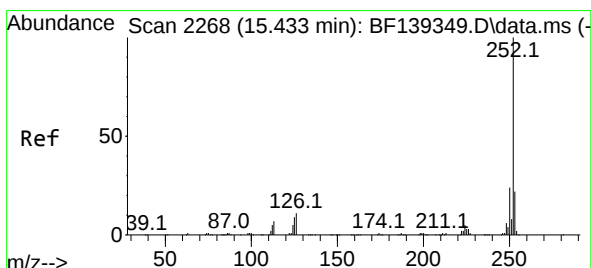
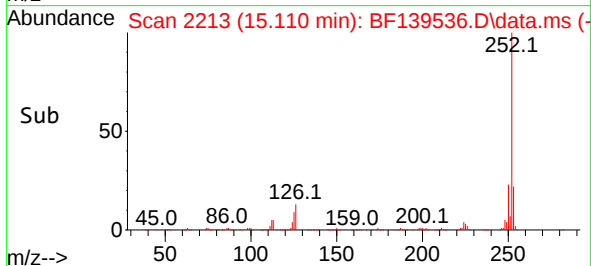
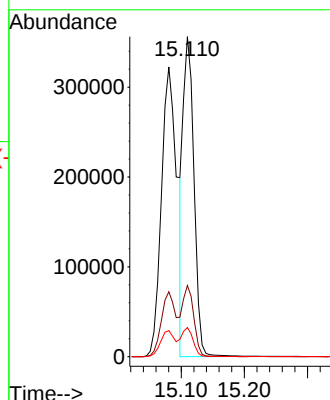
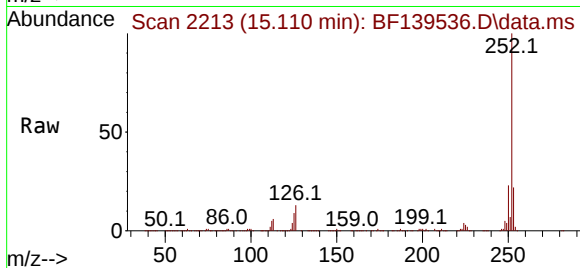
253 22.2 17.3 25.9

125 9.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#90

Benzo(a)pyrene

Concen: 58.488 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139536.D

Acq: 25 Sep 2024 18:50

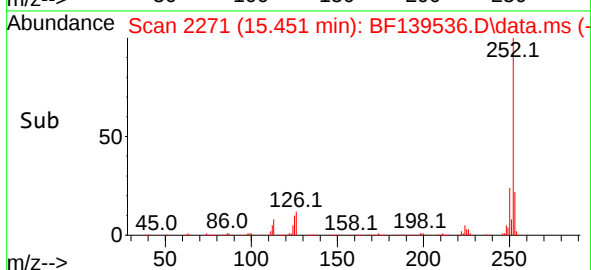
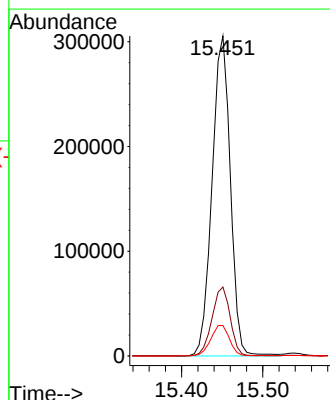
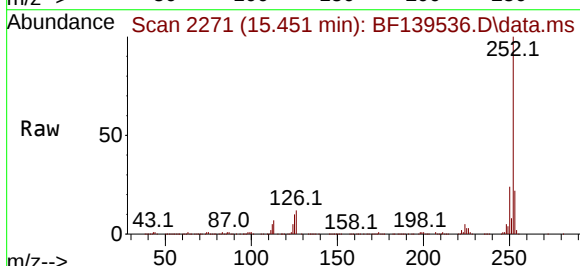
Tgt Ion:252 Resp: 477853

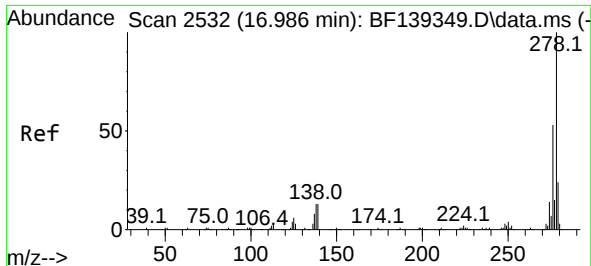
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.5 6.8 10.2





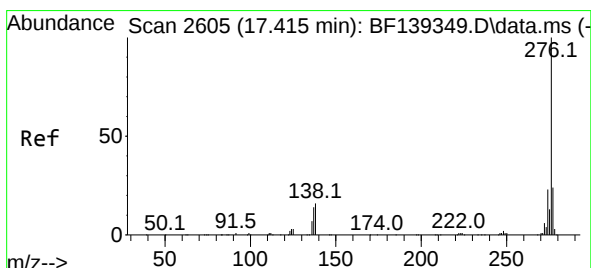
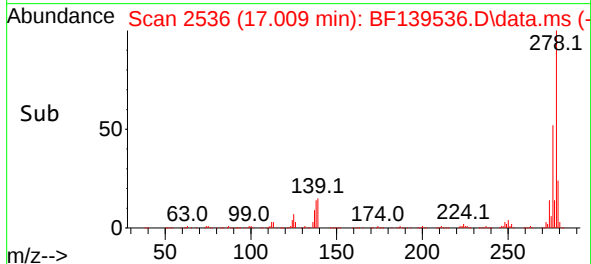
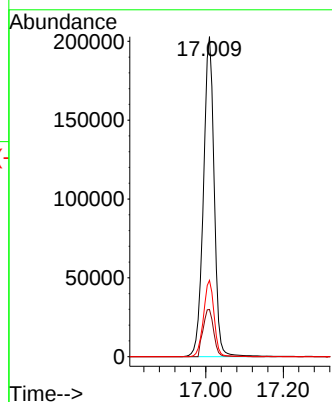
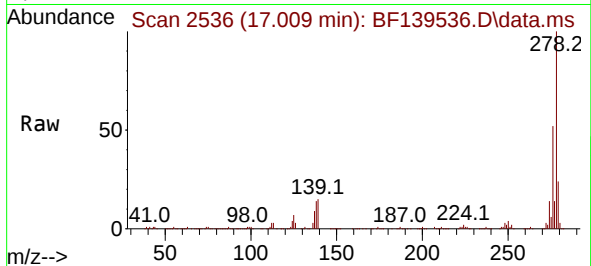
#91
Dibenzo(a,h)anthracene
Concen: 49.769 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Instrument :
BNA_F
ClientSampleId :
STOCK-PILEMS

Tgt Ion:278 Resp: 39061
Ion Ratio Lower Upper
278 100
139 14.7 10.2 15.2
279 23.9 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2024
Supervised By :mohammad ahmed 09/27/2024



#92
Benzo(g,h,i)perylene
Concen: 43.228 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139536.D
Acq: 25 Sep 2024 18:50

Tgt Ion:276 Resp: 335926
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 19.6 13.0 19.6#

