

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139549.D
 Acq On : 26 Sep 2024 15:59
 Operator : RC/JU
 Sample : PB163697BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163697BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 16:26:50 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	82403	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	310214	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	175082	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	312559	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	154736	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	160763	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	641742	127.047	ng	0.02
7) Phenol-d6	6.516	99	833944	125.782	ng	0.01
23) Nitrobenzene-d5	7.445	82	559824	84.839	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215732	115.739	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	1014625	81.278	ng	0.00
79) Terphenyl-d14	12.986	244	903367	95.826	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	84432	41.663	ng	97
3) Pyridine	3.487	79	225847	50.546	ng	94
4) n-Nitrosodimethylamine	3.446	42	161465	41.693	ng	# 79
6) Aniline	6.540	93	278718	55.705	ng	# 65
8) 2-Chlorophenol	6.663	128	256134	49.260	ng	98
9) Benzaldehyde	6.428	77	35830	9.354	ng	95
10) Phenol	6.528	94	324027	47.985	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	249755	48.663	ng	98
12) 1,3-Dichlorobenzene	6.822	146	267451	45.228	ng	98
13) 1,4-Dichlorobenzene	6.898	146	272706	45.636	ng	99
14) 1,2-Dichlorobenzene	7.045	146	261019	46.227	ng	98
15) Benzyl Alcohol	7.022	79	240566	45.479	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	443352	56.052	ng	92
17) 2-Methylphenol	7.134	107	201776	48.843	ng	98
18) Hexachloroethane	7.387	117	101380	44.542	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	191335	48.699	ng	96
20) 3+4-Methylphenols	7.287	107	255579	45.346	ng	# 88
22) Acetophenone	7.287	105	349681	43.118	ng	98
24) Nitrobenzene	7.463	77	292127	43.014	ng	97
25) Isophorone	7.698	82	500332	47.943	ng	99
26) 2-Nitrophenol	7.775	139	133117	50.310	ng	92
27) 2,4-Dimethylphenol	7.816	122	203136m	58.202	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	295832	49.739	ng	98
29) 2,4-Dichlorophenol	8.022	162	207440	46.785	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	221943	42.960	ng	99
31) Naphthalene	8.181	128	742118	45.824	ng	100
32) Benzoic acid	7.939	122	148381	45.429	ng	90
33) 4-Chloroaniline	8.234	127	106416	21.479	ng	96
34) Hexachlorobutadiene	8.298	225	146193	41.652	ng	99
35) Caprolactam	8.604	113	69351m	50.847	ng	
36) 4-Chloro-3-methylphenol	8.722	107	231033	45.593	ng	95
37) 2-Methylnaphthalene	8.875	142	479052	46.603	ng	99
38) 1-Methylnaphthalene	8.975	142	445531	44.147	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	224325	43.232	ng	98
41) Hexachlorocyclopentadiene	9.022	237	273395	150.902	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	153545	45.483	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139549.D
 Acq On : 26 Sep 2024 15:59
 Operator : RC/JU
 Sample : PB163697BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163697BS

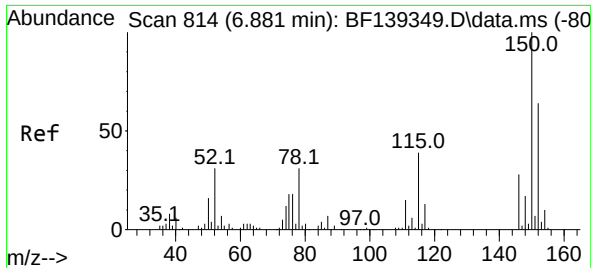
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 16:26:50 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)
44) 2,4,5-Trichlorophenol	9.198	196	162712	45.693	ng	98
46) 1,1'-Biphenyl	9.339	154	592124	43.960	ng	99
47) 2-Chloronaphthalene	9.363	162	446322	44.317	ng	98
48) 2-Nitroaniline	9.463	65	172481	46.045	ng	97
49) Acenaphthylene	9.780	152	745040	49.145	ng	100
50) Dimethylphthalate	9.639	163	528748	46.013	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116499	45.763	ng	90
52) Acenaphthene	9.951	154	527807m	49.884	ng	
53) 3-Nitroaniline	9.869	138	84716	33.299	ng	91
54) 2,4-Dinitrophenol	9.980	184	138512	97.646	ng	# 85
55) Dibenzofuran	10.122	168	668513	45.331	ng	96
56) 4-Nitrophenol	10.039	139	179656	85.341	ng	# 80
57) 2,4-Dinitrotoluene	10.110	165	158096	46.000	ng	98
58) Fluorene	10.463	166	529882	44.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	136301	46.271	ng	95
60) Diethylphthalate	10.339	149	535446	45.152	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	251158	42.950	ng	96
62) 4-Nitroaniline	10.486	138	119924	43.190	ng	87
63) Azobenzene	10.616	77	538649	46.182	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	86234	52.274	ng	91
66) n-Nitrosodiphenylamine	10.575	169	454983	49.789	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	150938	48.731	ng	97
68) Hexachlorobenzene	11.010	284	168012	46.218	ng	100
69) Atrazine	11.104	200	142652	65.572	ng	99
70) Pentachlorophenol	11.210	266	185054	84.839	ng	100
71) Phenanthrene	11.427	178	727689	48.256	ng	99
72) Anthracene	11.480	178	749848	50.859	ng	100
73) Carbazole	11.633	167	649314	46.014	ng	99
74) Di-n-butylphthalate	11.963	149	758752	48.268	ng	99
75) Fluoranthene	12.616	202	701366	43.553	ng	98
77) Benzidine	12.739	184	195807	88.324	ng	100
78) Pyrene	12.845	202	707749	53.270	ng	100
80) Butylbenzylphthalate	13.457	149	239444	52.947	ng	99
81) Benzo(a)anthracene	14.027	228	518058	50.544	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	114967	38.302	ng	99
83) Chrysene	14.068	228	445463	47.240	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	290221	50.447	ng	99
85) Di-n-octyl phthalate	14.627	149	442796	52.263	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	513811	53.749	ng	# 96
88) Benzo(b)fluoranthene	15.080	252	473746	47.782	ng	99
89) Benzo(k)fluoranthene	15.110	252	407028	44.524	ng	# 98
90) Benzo(a)pyrene	15.451	252	435855	53.005	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	422014	53.425	ng	98
92) Benzo(g,h,i)perylene	17.445	276	389824	49.842	ng	# 96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139549.D
 Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

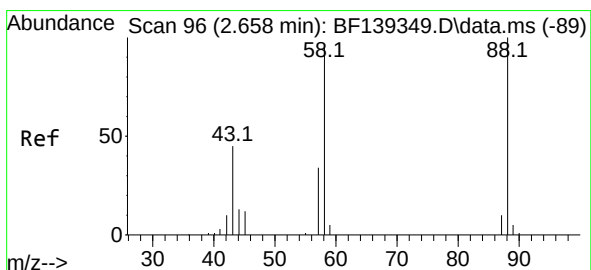
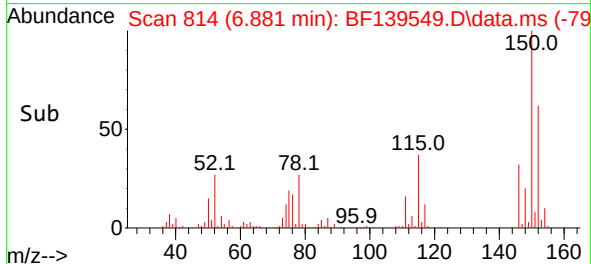
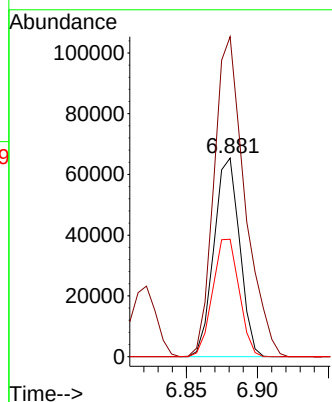
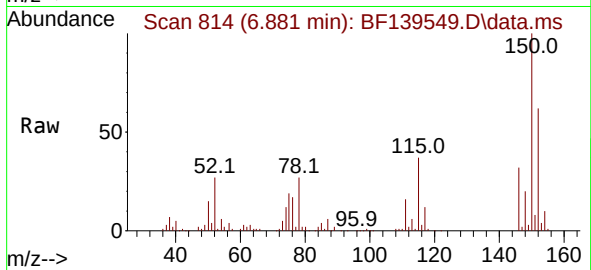
ClientSampleId :

PB163697BS

Tgt Ion:152 Resp: 82400
 Ion Ratio Lower Upper
 152 100
 150 161.2 124.1 186.1
 115 59.1 48.1 72.1

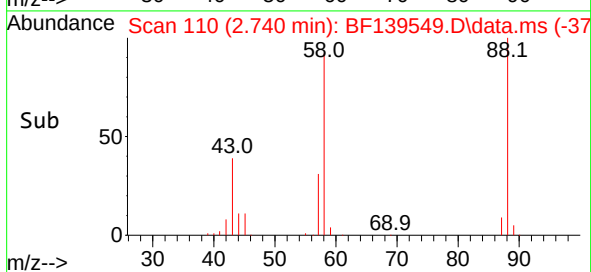
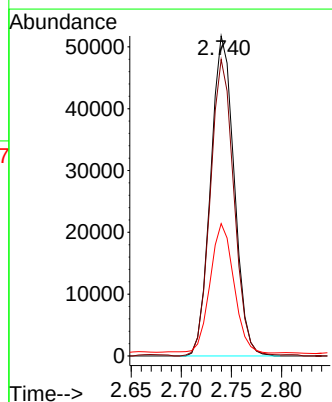
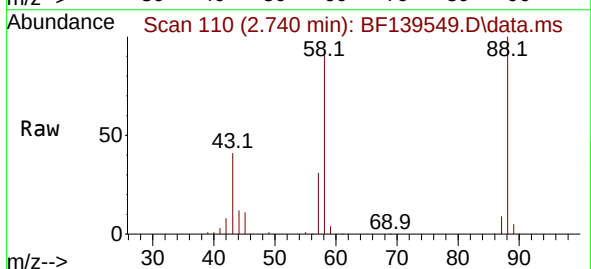
Manual Integrations
 APPROVED

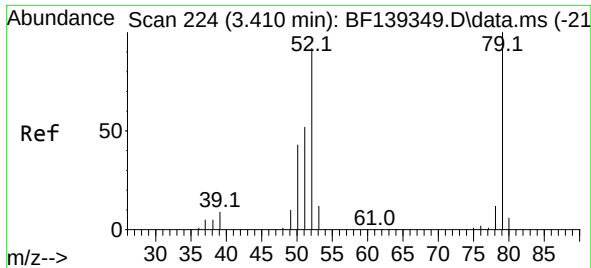
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#2
 1,4-Dioxane
 Concen: 41.663 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.082 min
 Lab File: BF139549.D
 Acq: 26 Sep 2024 15:59

Tgt Ion: 88 Resp: 84432
 Ion Ratio Lower Upper
 88 100
 58 92.8 74.8 112.2
 43 41.0 36.4 54.6





#3

Pyridine

Concen: 50.546 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion: 79 Resp: 22584

Ion Ratio Lower Upper

79 100

52 87.9 73.8 110.8

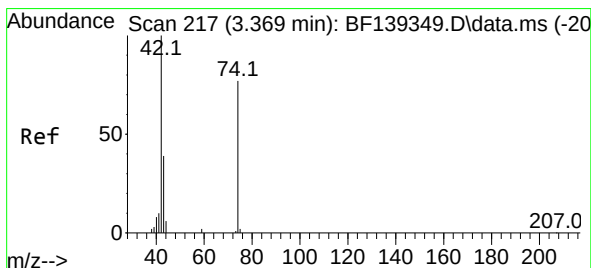
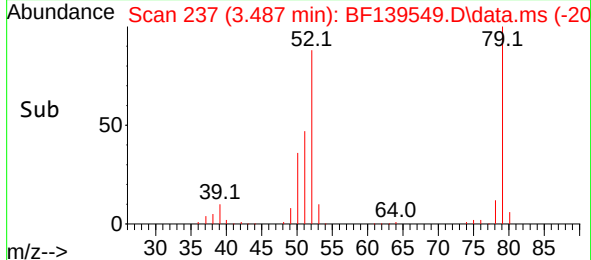
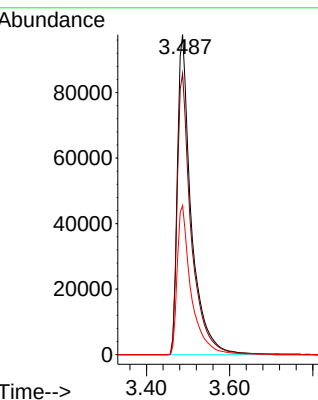
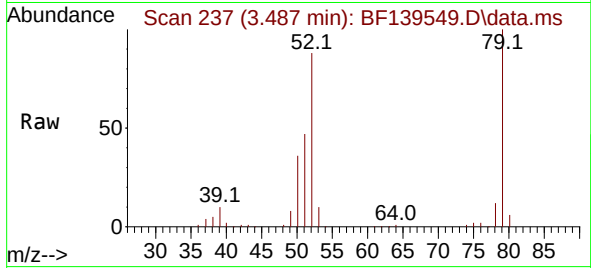
51 46.6 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#4

n-Nitrosodimethylamine

Concen: 41.693 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

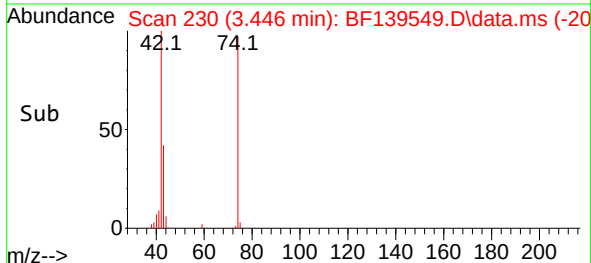
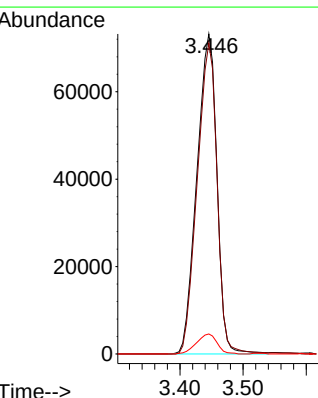
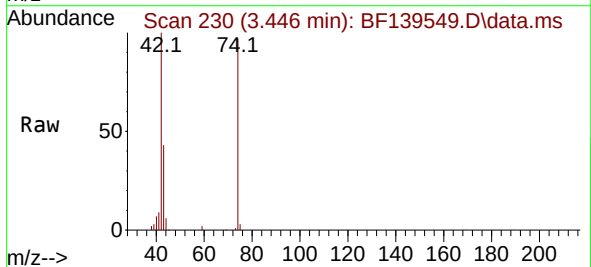
Tgt Ion: 42 Resp: 161465

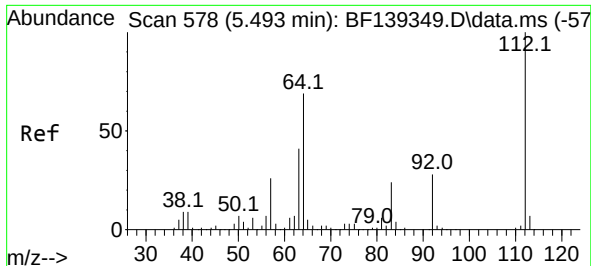
Ion Ratio Lower Upper

42 100

74 97.1 61.8 92.8

44 6.2 4.8 7.2





#5
2-Fluorophenol
Concen: 127.047 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

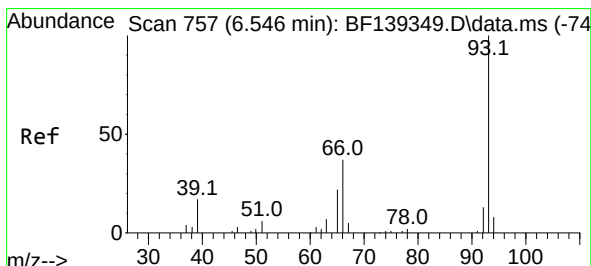
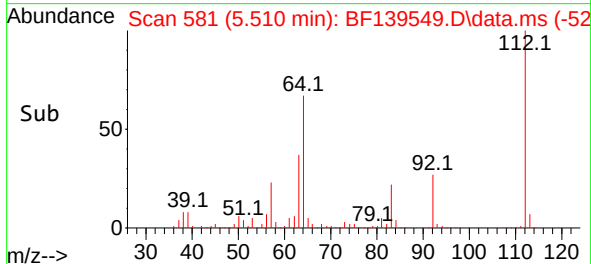
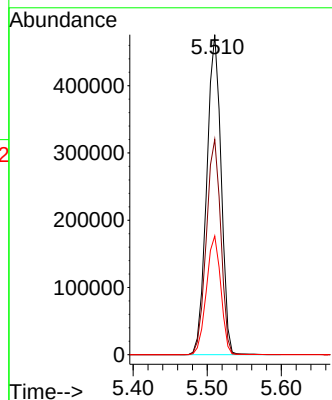
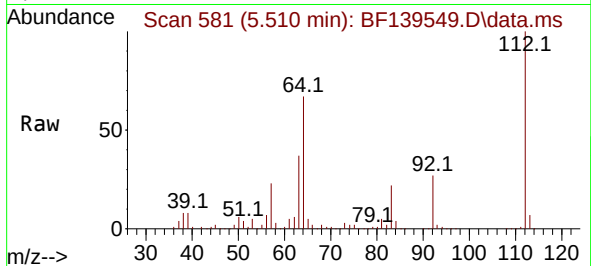
ClientSampleId :

PB163697BS

Tgt Ion:112 Resp: 64174
Ion Ratio Lower Upper
112 100
64 67.2 54.8 82.2
63 37.1 33.0 49.4

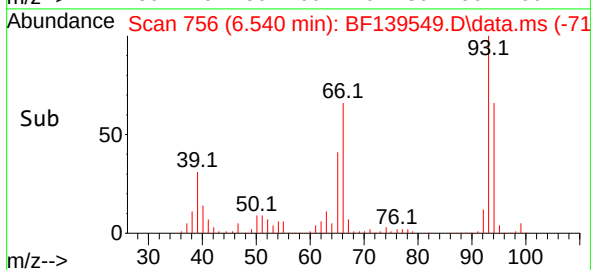
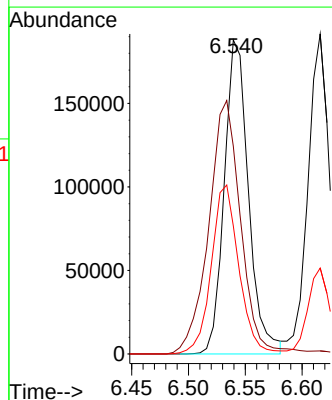
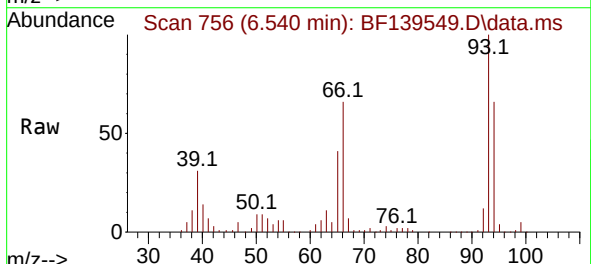
Manual Integrations
APPROVED

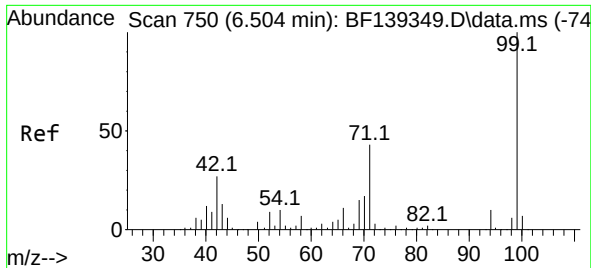
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#6
Aniline
Concen: 55.705 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

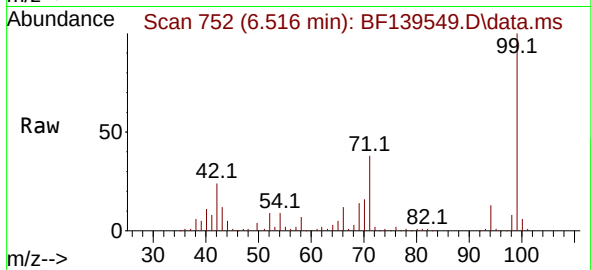
Tgt Ion: 93 Resp: 278718
Ion Ratio Lower Upper
93 100
66 66.1 35.4 53.0#
65 40.8 18.2 27.4#





#7
Phenol-d6
Concen: 125.782 ng
RT: 6.516 min Scan# 750
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

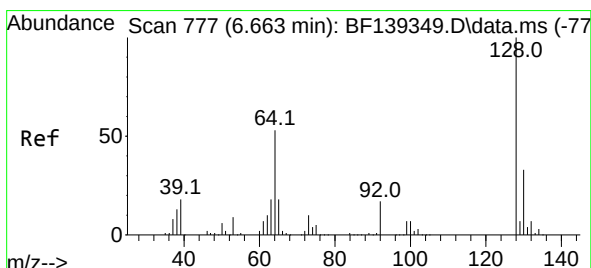
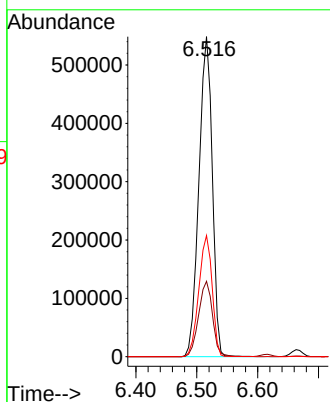
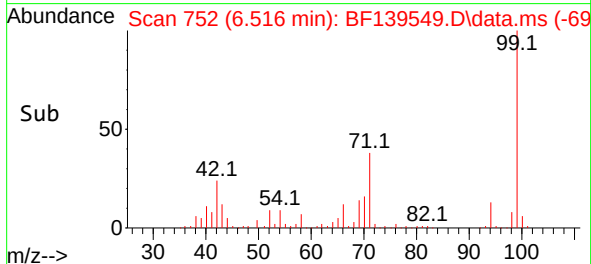
Instrument :
BNA_F
ClientSampleId :
PB163697BS



Tgt Ion: 99 Resp: 833944
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 37.8 34.6 52.0

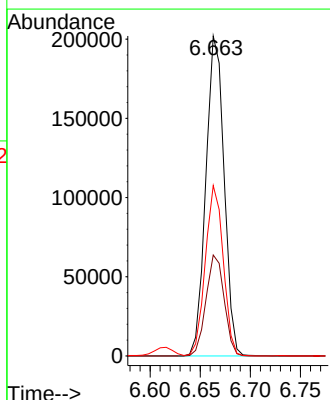
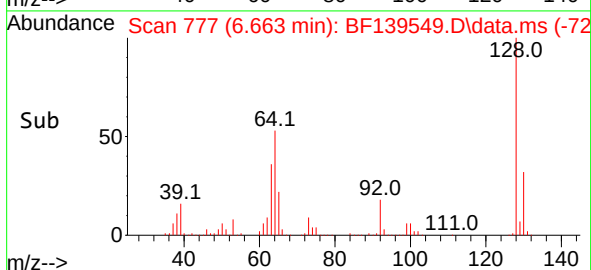
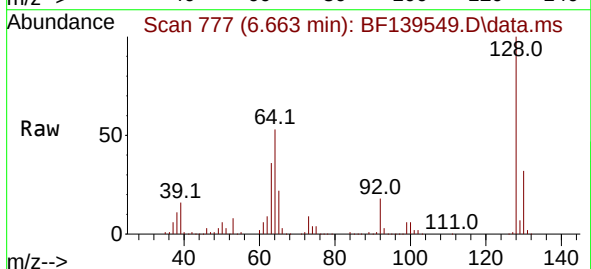
Manual Integrations
APPROVED

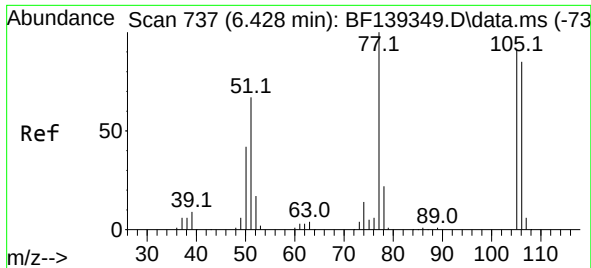
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#8
2-Chlorophenol
Concen: 49.260 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:128 Resp: 256134
Ion Ratio Lower Upper
128 100
130 31.5 12.8 52.8
64 53.3 35.1 75.1





#9

Benzaldehyde

Concen: 9.354 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

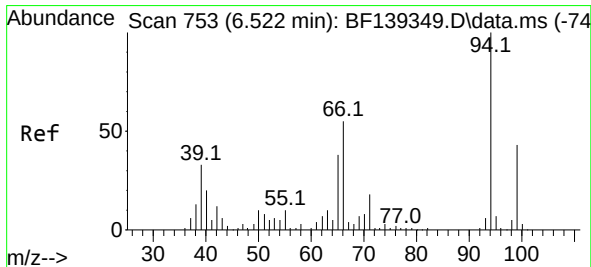
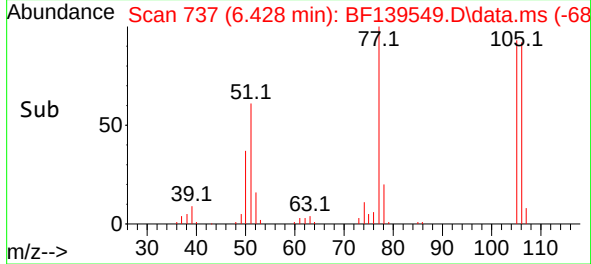
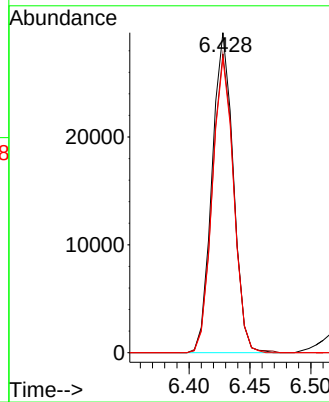
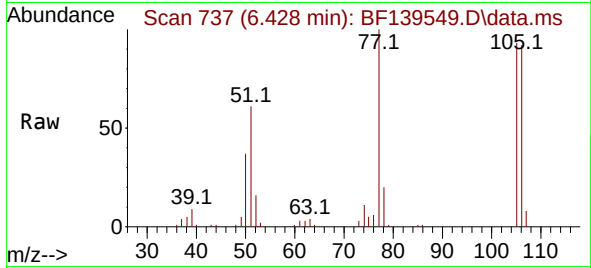
Tgt Ion: 77	Resp: 35830
Ion Ratio	Lower Upper
77 100	
105 93.4	71.0 111.0
106 92.0	64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#10

Phenol

Concen: 47.985 ng

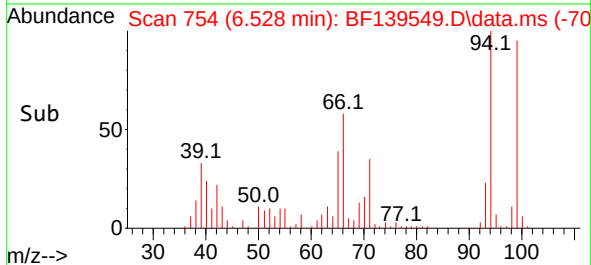
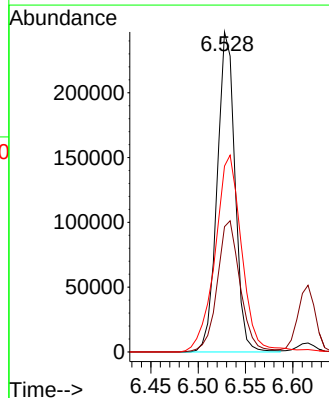
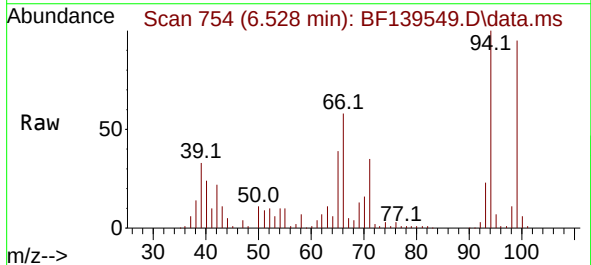
RT: 6.528 min Scan# 754

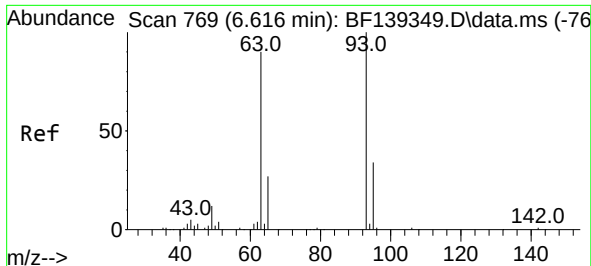
Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion: 94	Resp: 324027
Ion Ratio	Lower Upper
94 100	
65 39.1	17.6 57.6
66 58.1	35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 48.663 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

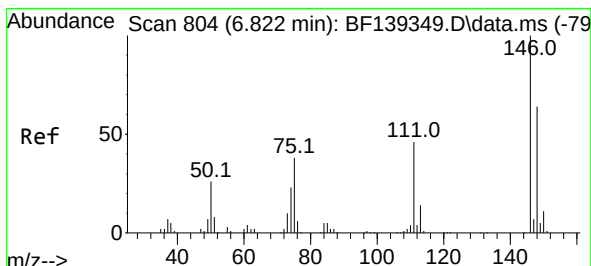
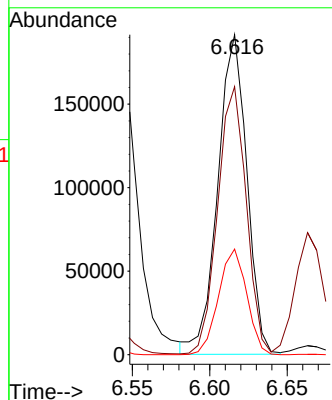
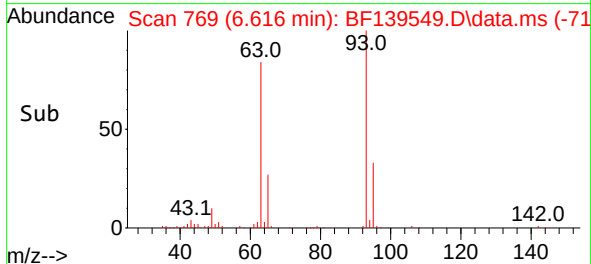
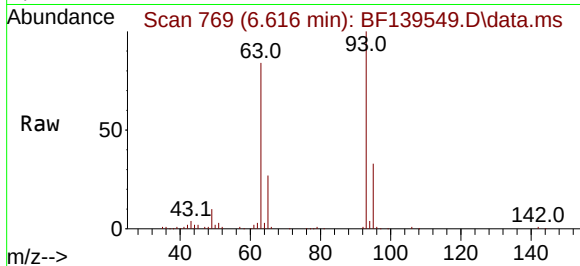
ClientSampleId :

PB163697BS

Tgt Ion: 93 Resp: 24975
Ion Ratio Lower Upper
93 100
63 83.7 65.3 105.3
95 33.0 12.4 52.4

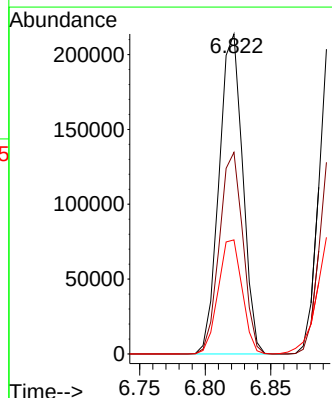
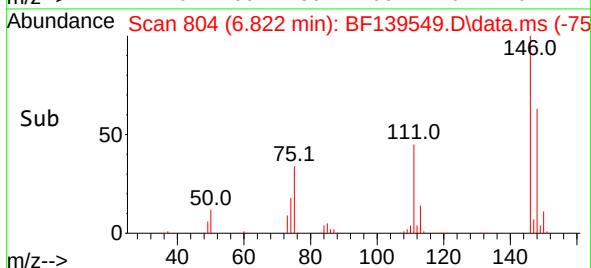
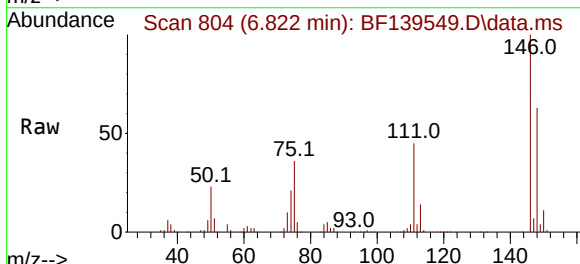
Manual Integrations
APPROVED

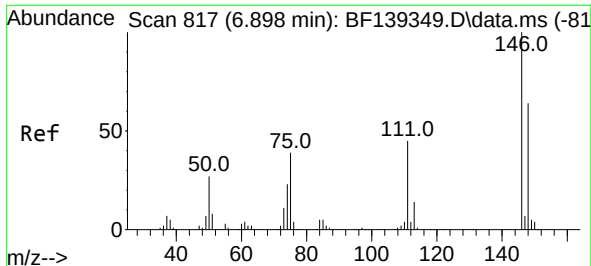
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#12
1,3-Dichlorobenzene
Concen: 45.228 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:146 Resp: 267451
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 35.7 30.6 46.0





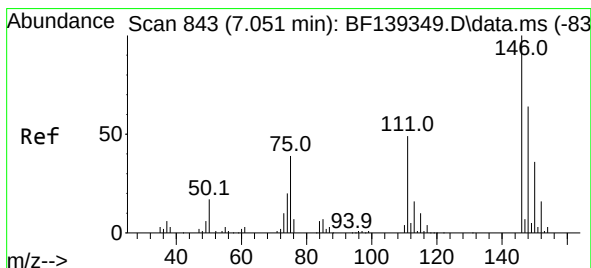
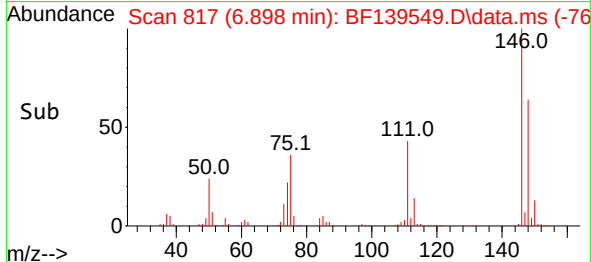
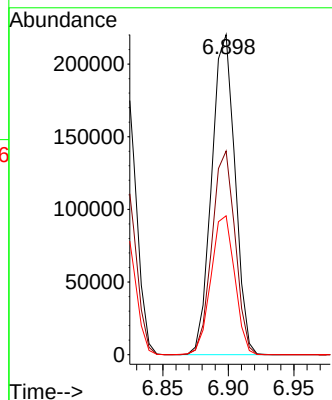
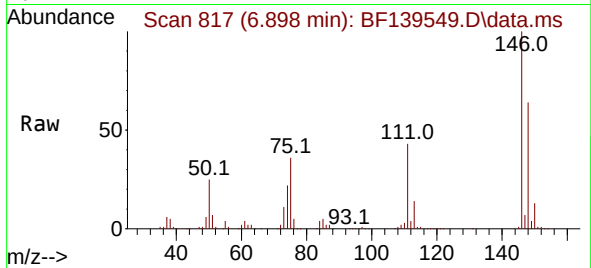
#13
1,4-Dichlorobenzene
Concen: 45.636 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :
BNA_F
ClientSampleId :
PB163697BS

Tgt Ion:146 Resp: 272700
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 43.4 36.3 54.5

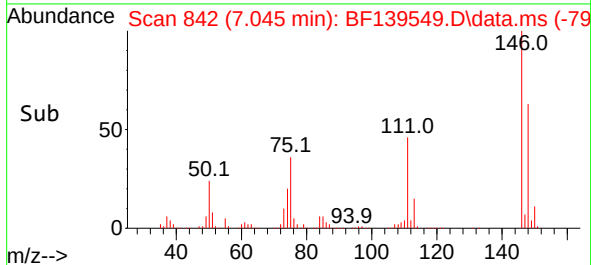
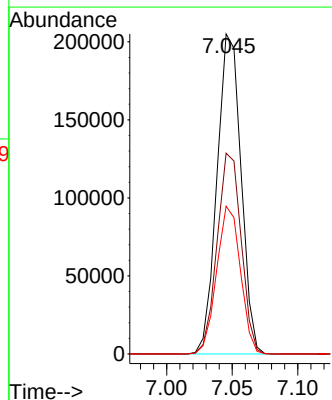
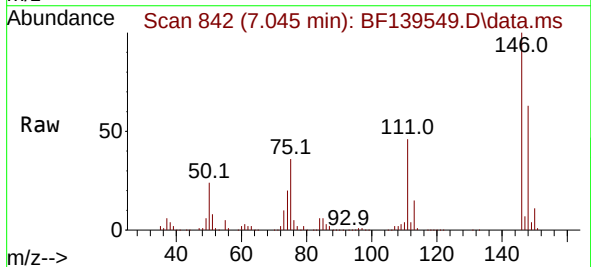
Manual Integrations
APPROVED

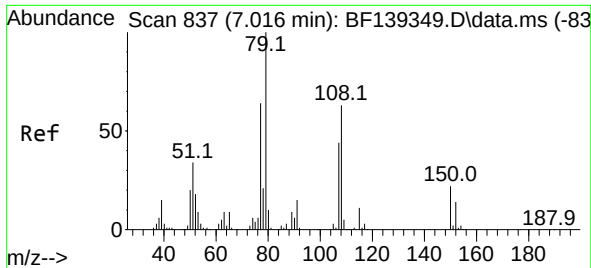
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#14
1,2-Dichlorobenzene
Concen: 46.227 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:146 Resp: 261019
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 46.2 38.9 58.3





#15
Benzyl Alcohol
Concen: 45.479 ng
RT: 7.022 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

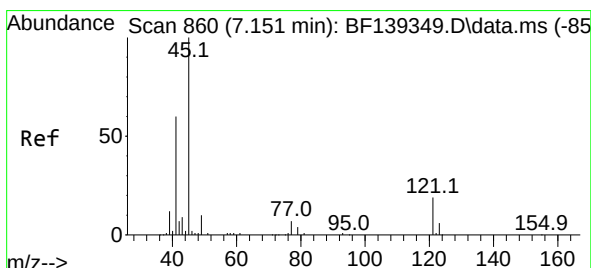
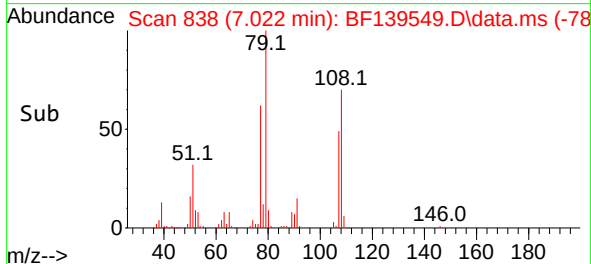
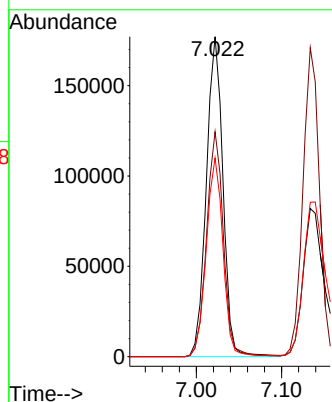
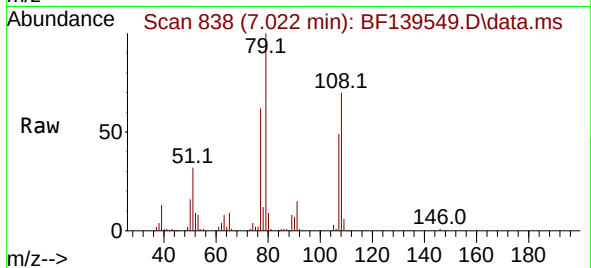
PB163697BS

Tgt Ion: 79 Resp: 240560
Ion Ratio Lower Upper
79 100
108 70.3 50.4 75.6
77 62.1 51.4 77.2

Manual Integrations

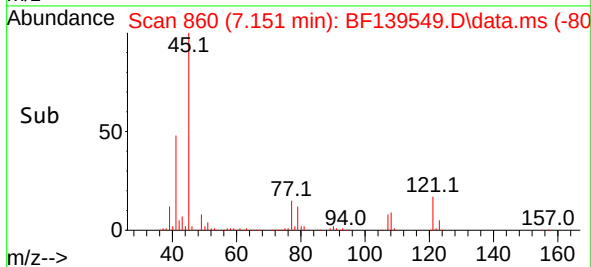
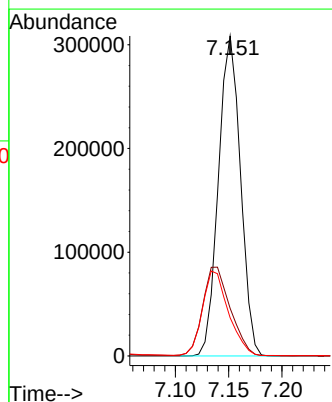
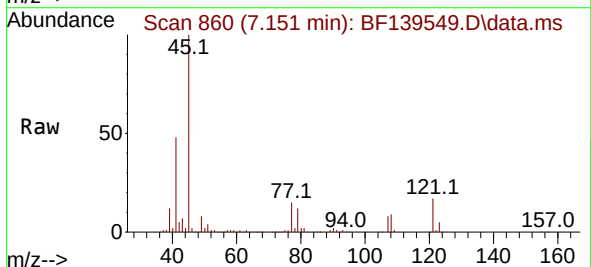
APPROVED

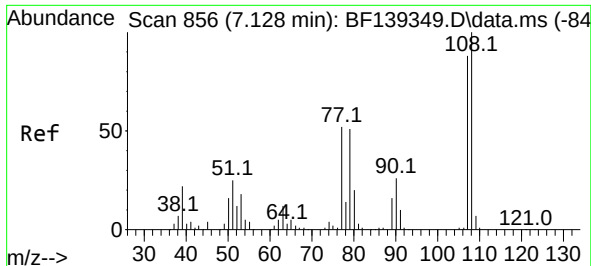
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.052 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion: 45 Resp: 443352
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.0
79 11.9 0.0 29.1





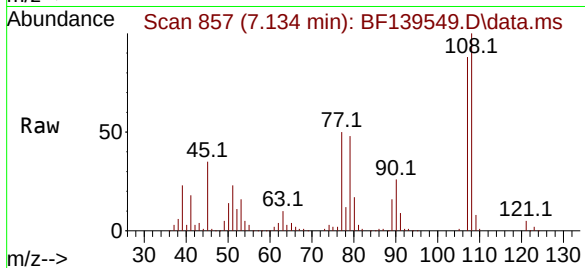
#17
2-Methylphenol
Concen: 48.843 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

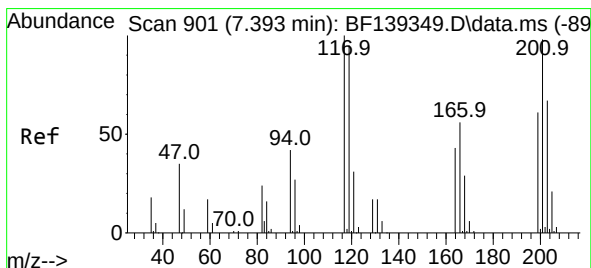
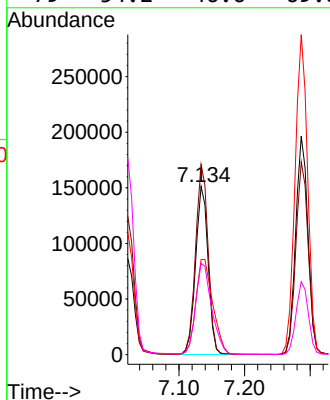
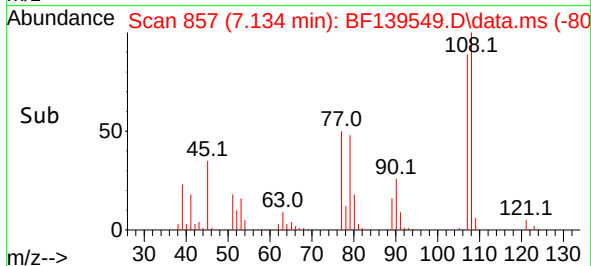


Tgt Ion:107 Resp: 201770
Ion Ratio Lower Upper
107 100
108 113.0 90.5 135.7
77 56.5 47.1 70.7
79 54.2 46.6 69.8

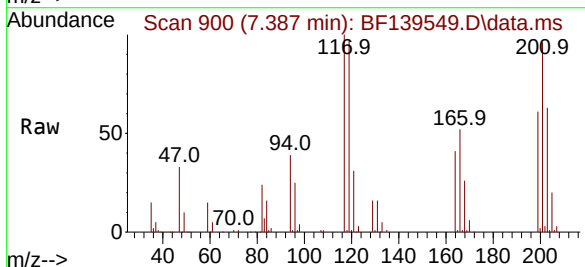
Manual Integrations

APPROVED

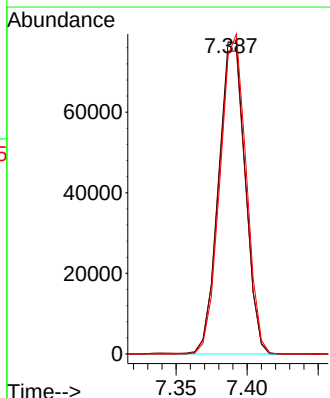
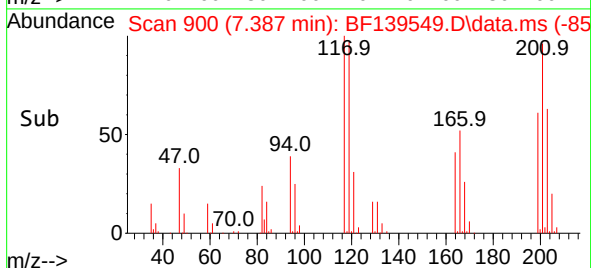
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

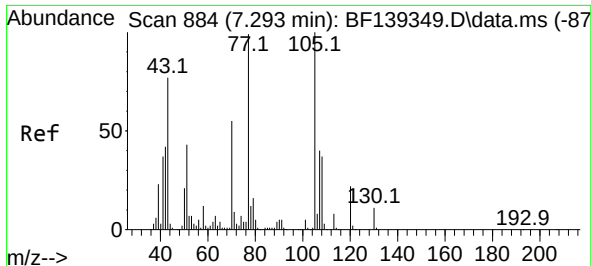


#18
Hexachloroethane
Concen: 44.542 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:117 Resp: 101380
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 95.8 78.6 118.0





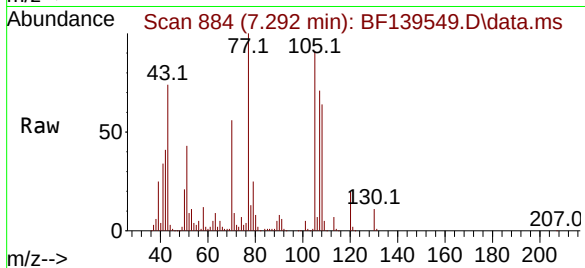
#19
n-Nitroso-di-n-propylamine
Concen: 48.699 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS



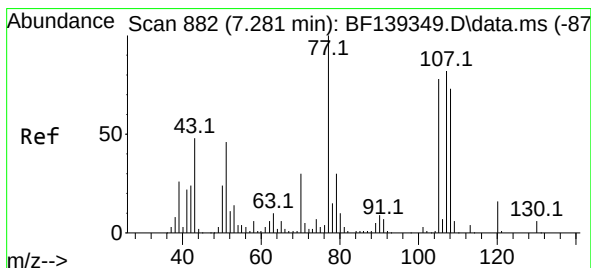
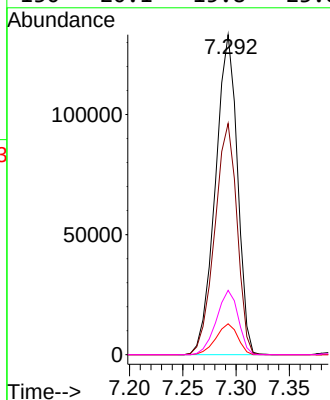
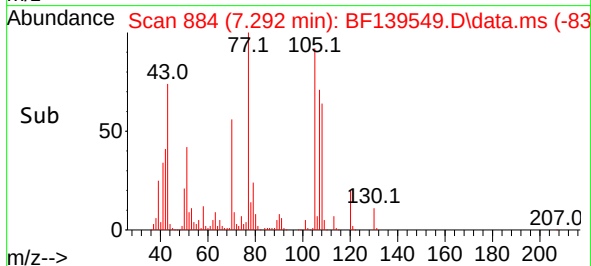
Tgt Ion: 70 Resp: 191335
Ion Ratio Lower Upper
70 100
42 72.3 61.2 91.8
101 9.7 7.5 11.3
130 20.1 15.8 23.8

Manual Integrations

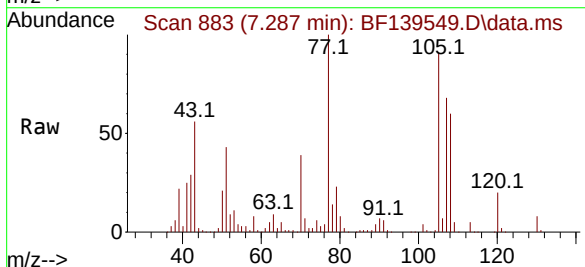
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

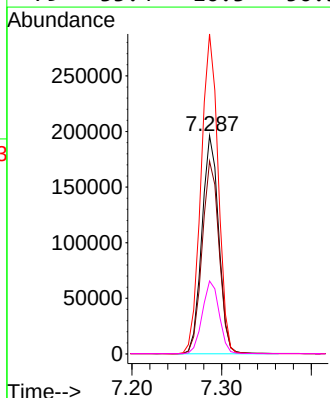
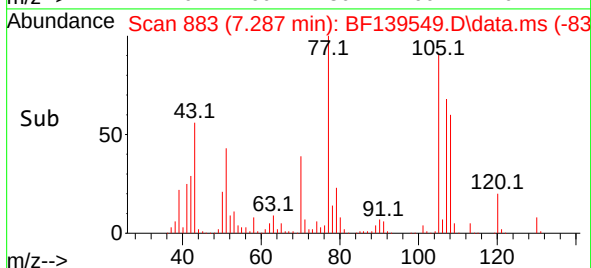
Supervised By :mohammad ahmed 09/28/2024

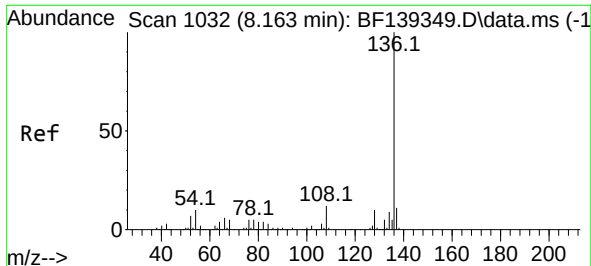


#20
3+4-Methylphenols
Concen: 45.346 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:107 Resp: 255579
Ion Ratio Lower Upper
107 100
108 88.2 68.6 108.6
77 146.5 101.6 141.6#
79 33.4 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

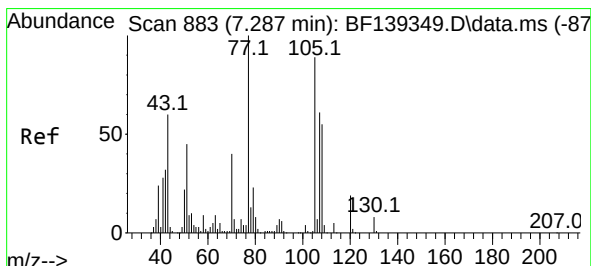
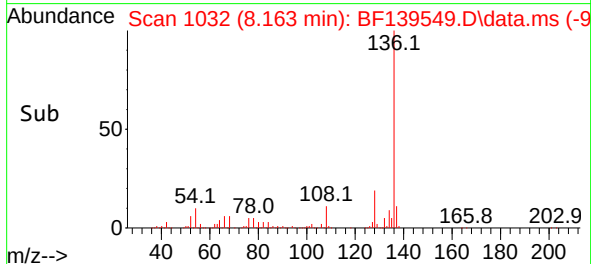
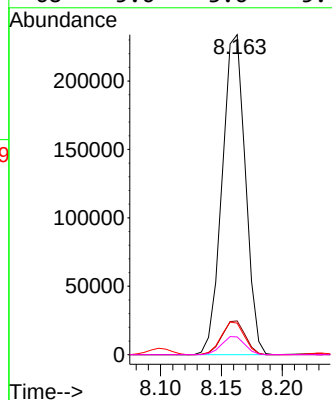
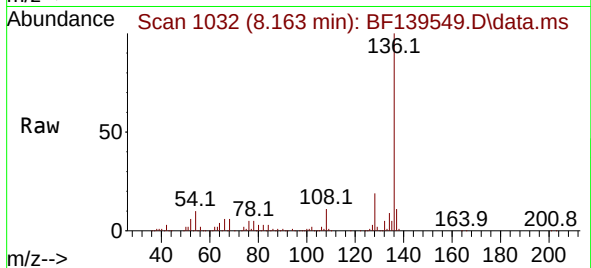
PB163697BS

Tgt Ion:136 Resp: 310214
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.9 7.8 11.8
68 5.6 3.6 5.4#

Manual Integrations

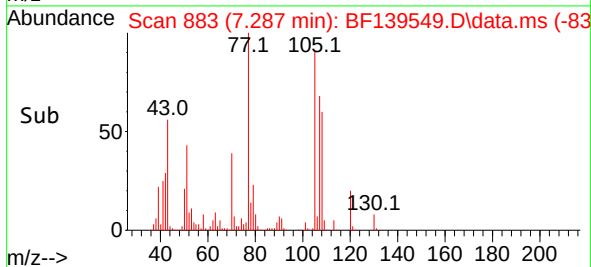
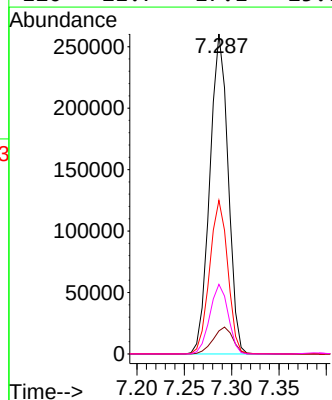
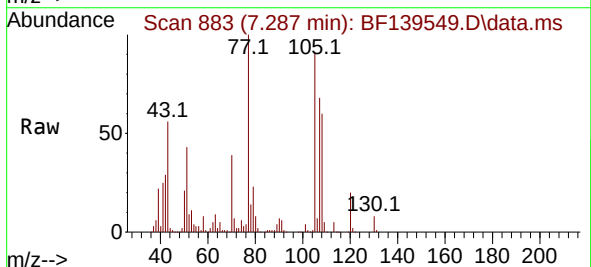
APPROVED

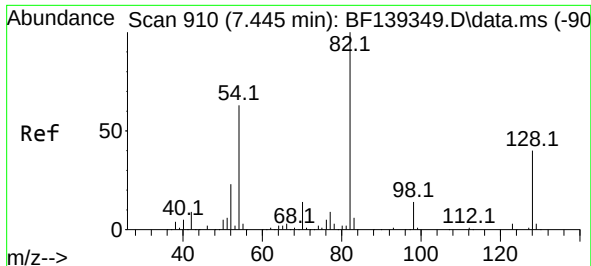
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#22
Acetophenone
Concen: 43.118 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:105 Resp: 349681
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 48.0 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 84.839 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

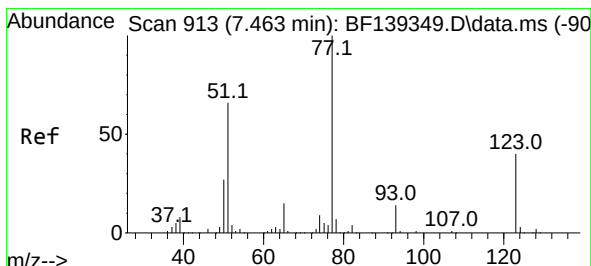
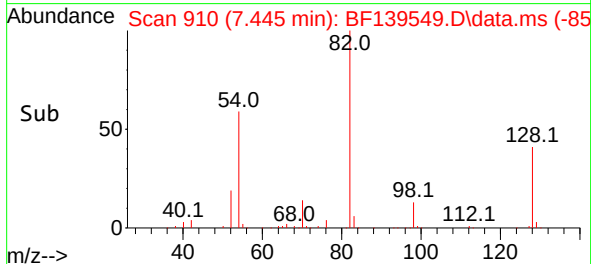
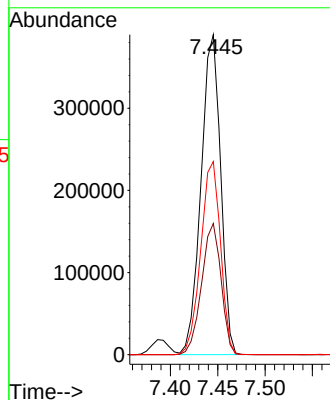
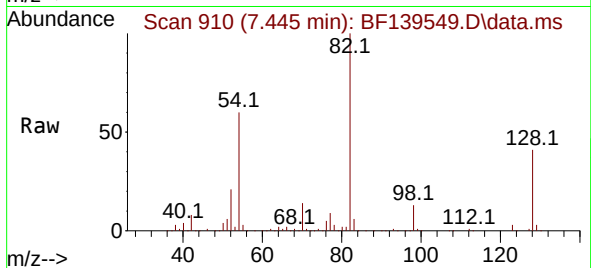
PB163697BS

Tgt Ion: 82 Resp: 559824
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 60.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#24

Nitrobenzene

Concen: 43.014 ng

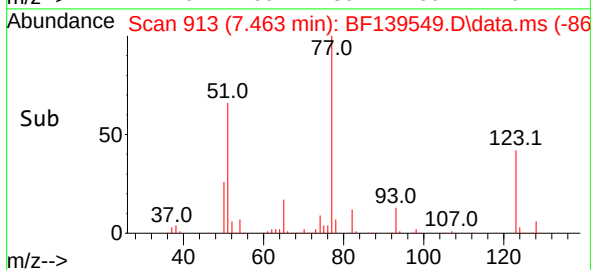
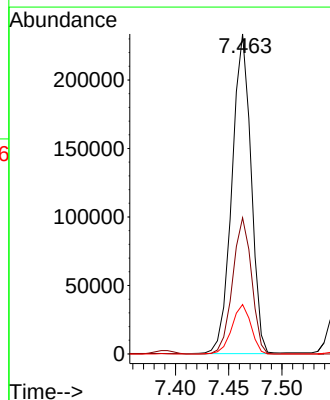
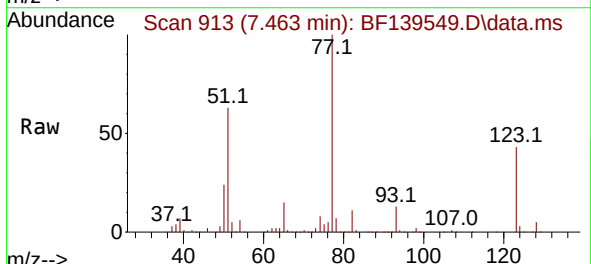
RT: 7.463 min Scan# 913

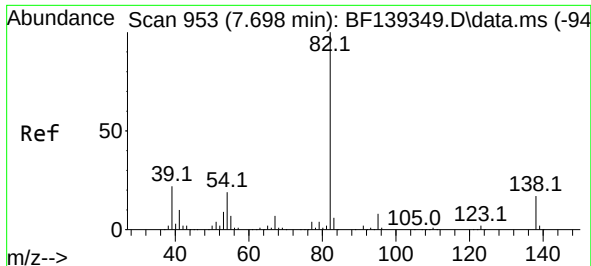
Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion: 77 Resp: 292127
 Ion Ratio Lower Upper
 77 100
 123 42.6 32.2 48.4
 65 15.4 12.2 18.4





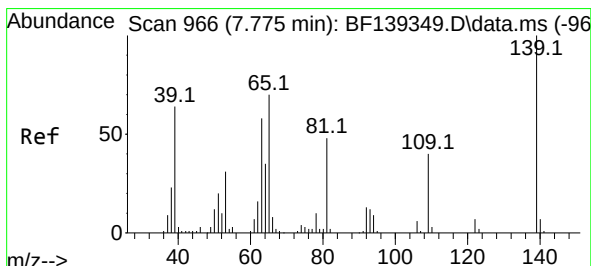
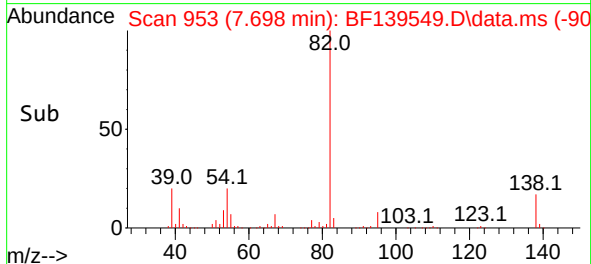
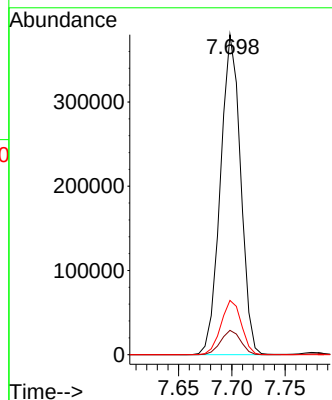
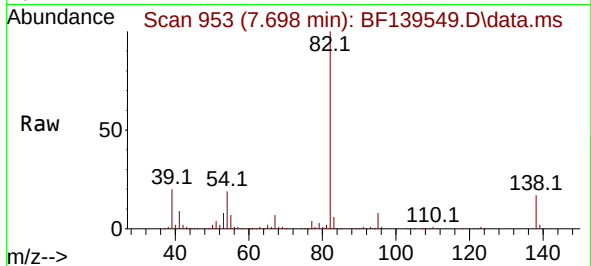
#25
Isophorone
Concen: 47.943 ng
RT: 7.698 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :
BNA_F
ClientSampleId :
PB163697BS

Tgt Ion: 82 Resp: 500332
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 17.0 13.3 19.9

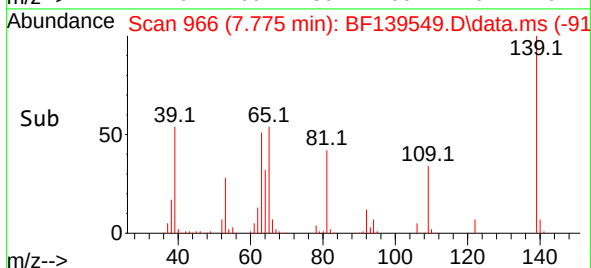
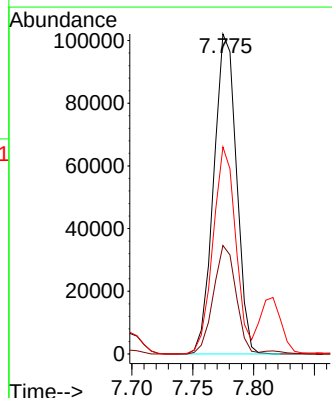
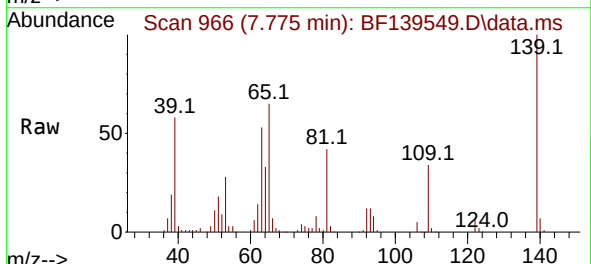
Manual Integrations
APPROVED

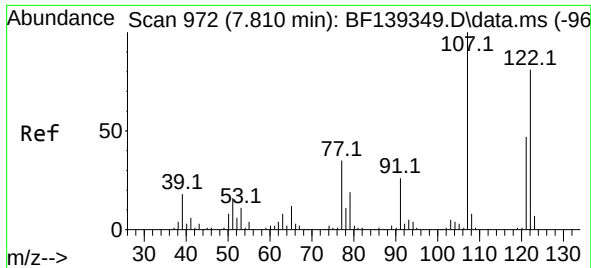
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#26
2-Nitrophenol
Concen: 50.310 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:139 Resp: 133117
Ion Ratio Lower Upper
139 100
109 33.9 32.2 48.2
65 64.7 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 58.202 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

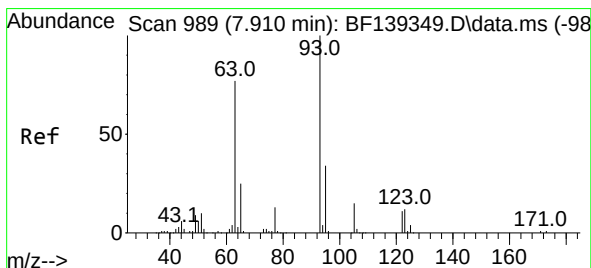
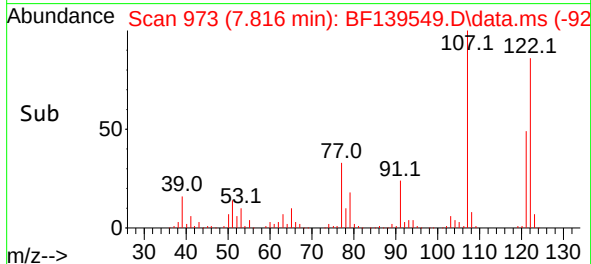
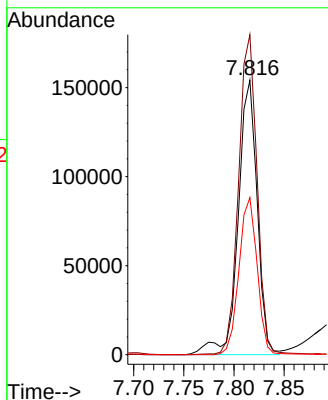
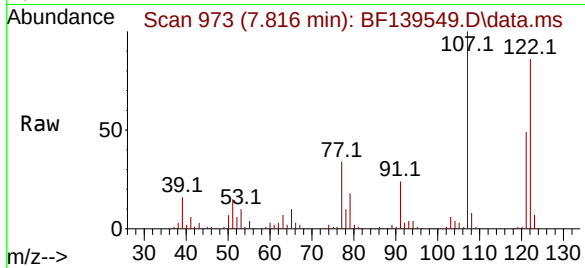
Tgt Ion:122 Resp: 203130
 Ion Ratio Lower Upper
 122 100
 107 116.6 99.1 148.7
 121 57.3 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#28

bis(2-Chloroethoxy)methane

Concen: 49.739 ng

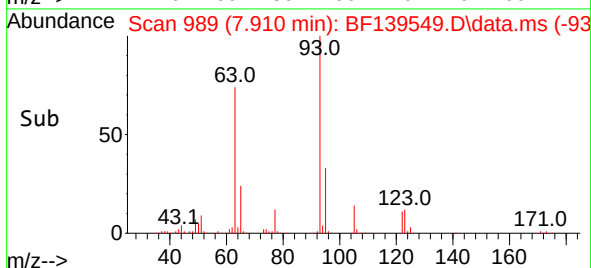
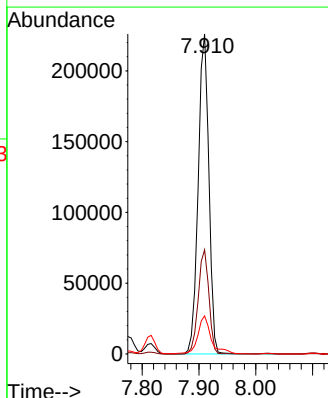
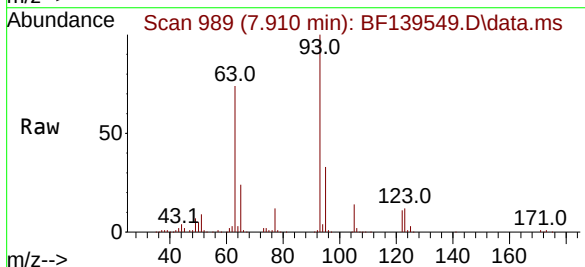
RT: 7.910 min Scan# 989

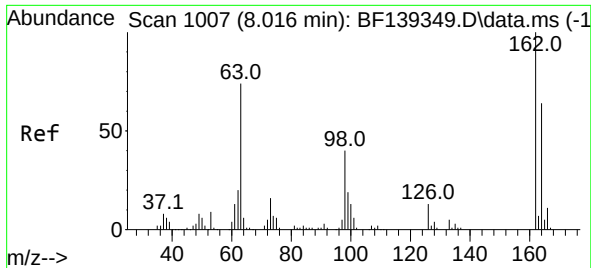
Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion: 93 Resp: 295832
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.9 40.3
 123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 46.785 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:162 Resp: 207440

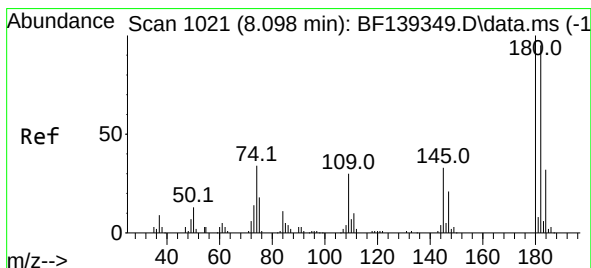
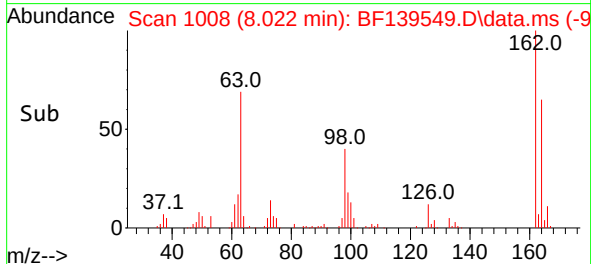
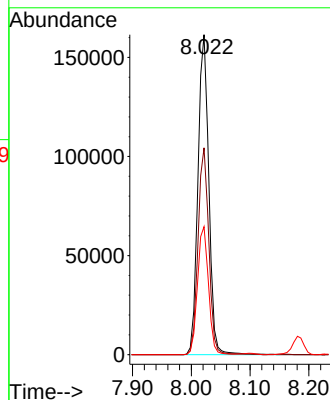
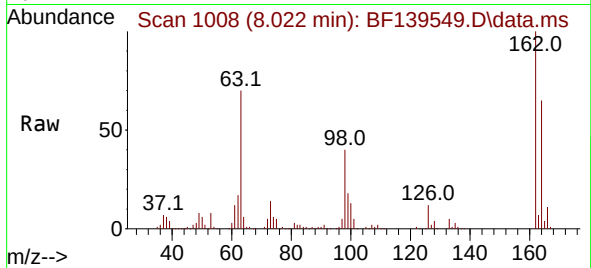
Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.6	83.6
98	40.0	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.960 ng

RT: 8.098 min Scan# 1021

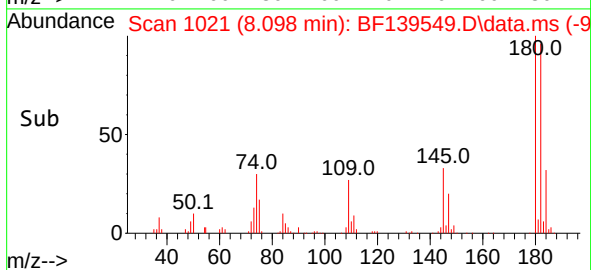
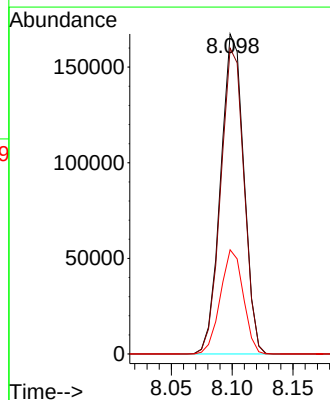
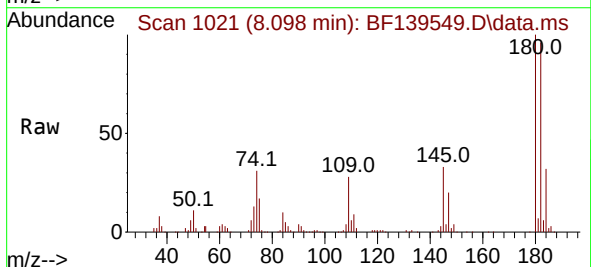
Delta R.T. -0.000 min

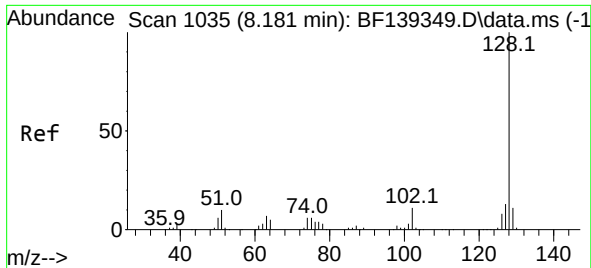
Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:180 Resp: 221943

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.7	113.5
145	32.5	26.5	39.7





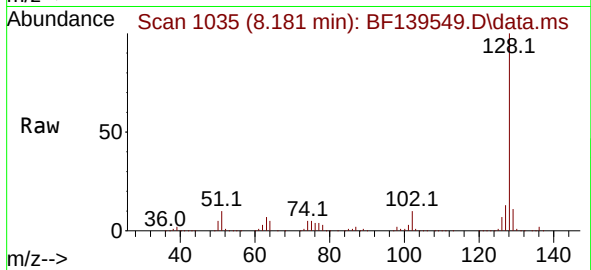
#31
Naphthalene
Concen: 45.824 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS



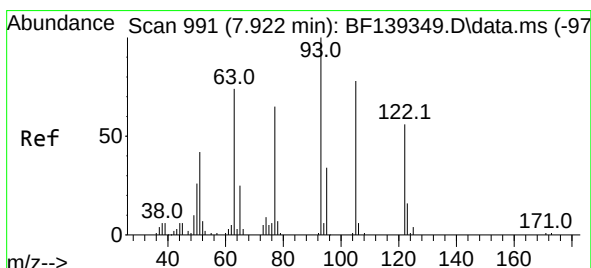
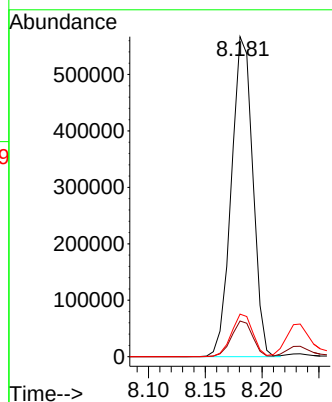
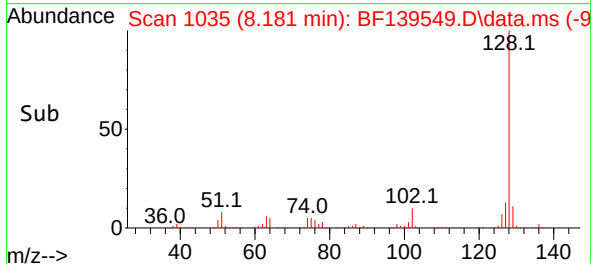
Tgt Ion:128 Resp: 742118
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations

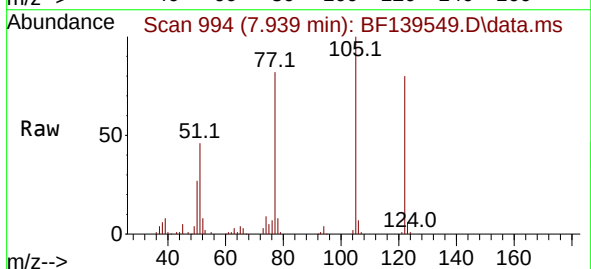
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

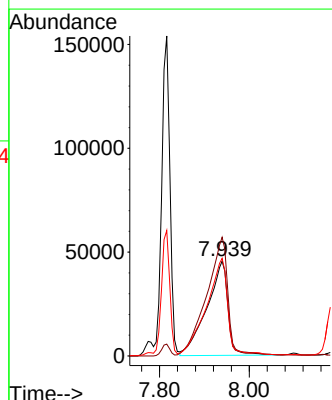
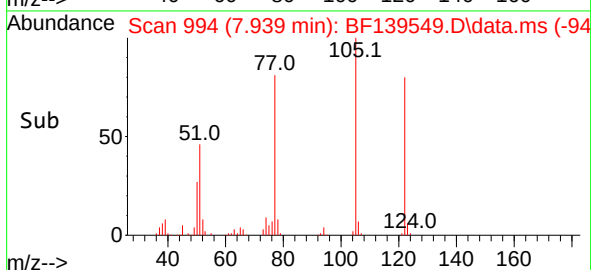
Supervised By :mohammad ahmed 09/28/2024

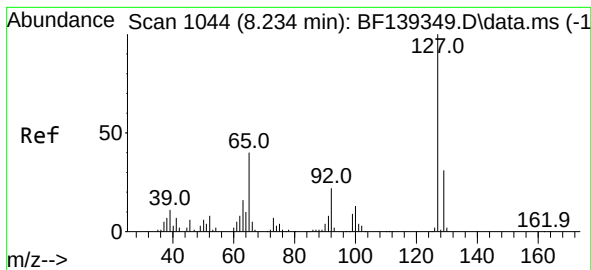


#32
Benzoic acid
Concen: 45.429 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:122 Resp: 148381
Ion Ratio Lower Upper
122 100
105 125.4 117.1 157.1
77 103.1 95.4 135.4





#33
4-Chloroaniline
Concen: 21.479 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

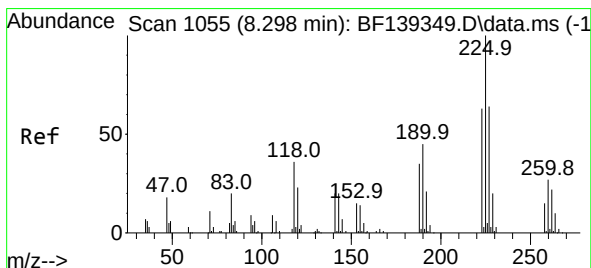
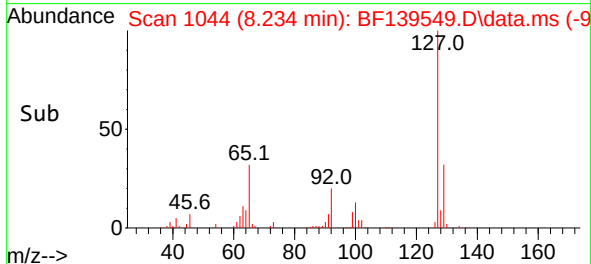
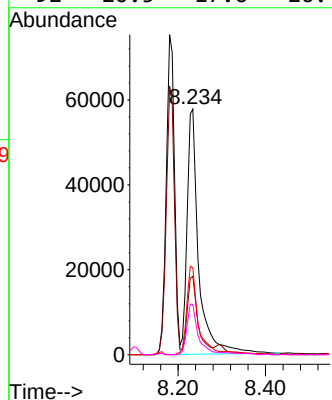
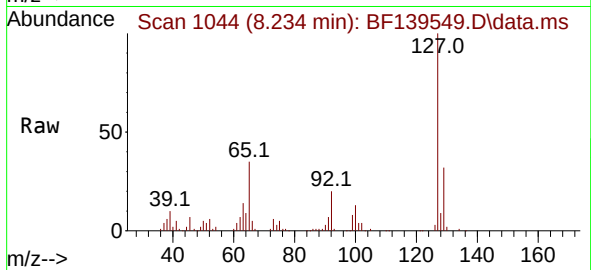
PB163697BS

Tgt Ion:127 Resp: 106410
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 35.3 31.5 47.3
92 20.5 17.6 26.4

Manual Integrations

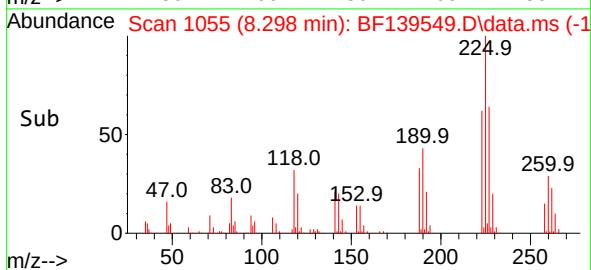
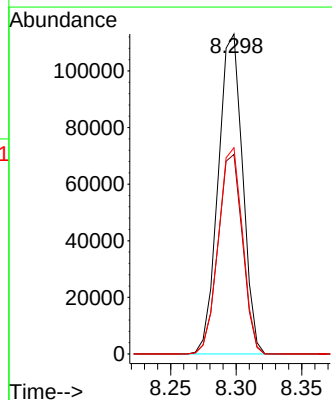
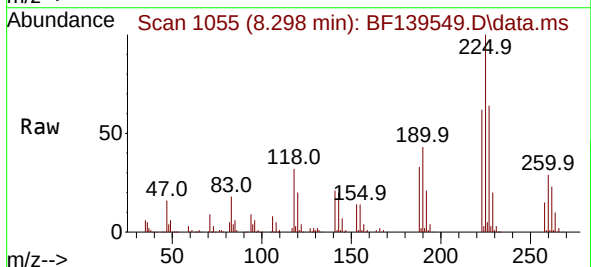
APPROVED

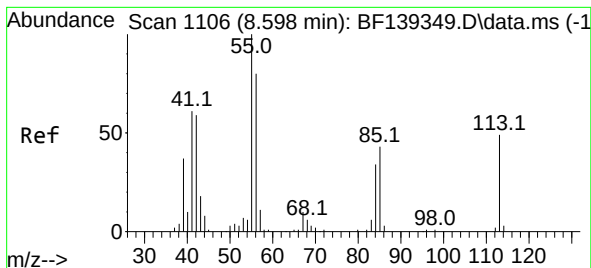
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#34
Hexachlorobutadiene
Concen: 41.652 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:225 Resp: 146193
Ion Ratio Lower Upper
225 100
223 62.3 50.1 75.1
227 64.5 51.0 76.6





#35

Caprolactam

Concen: 50.847 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:113 Resp: 6935

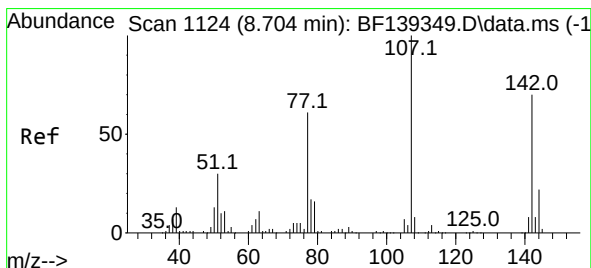
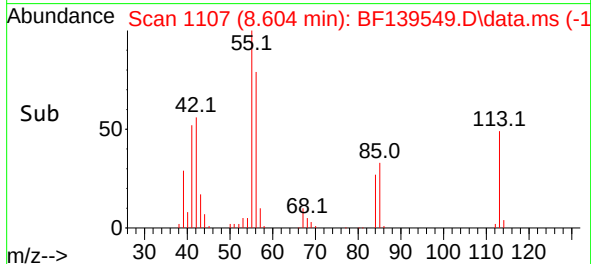
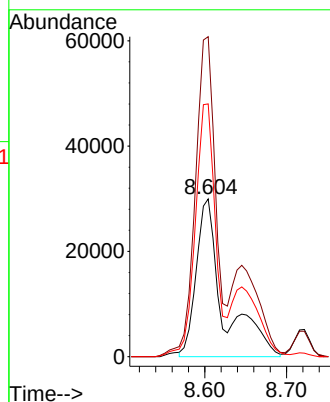
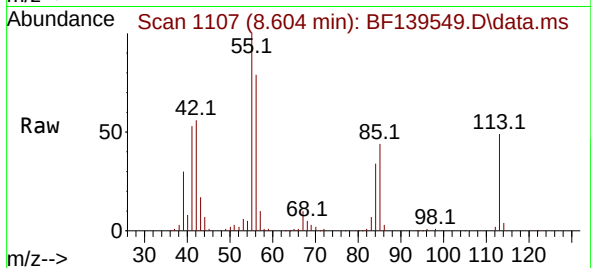
Ion	Ratio	Lower	Upper
113	100		
55	202.8	186.1	226.1
56	160.2	144.9	184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#36

4-Chloro-3-methylphenol

Concen: 45.593 ng

RT: 8.722 min Scan# 1127

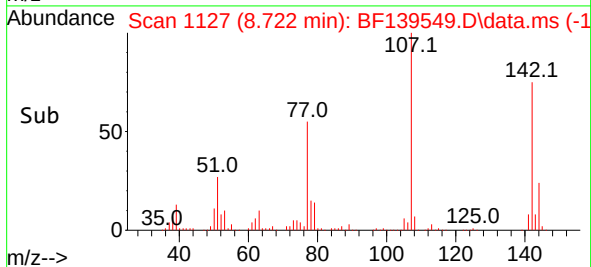
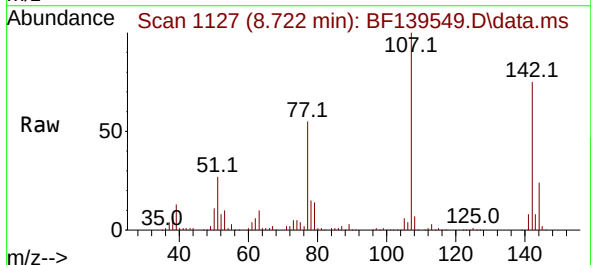
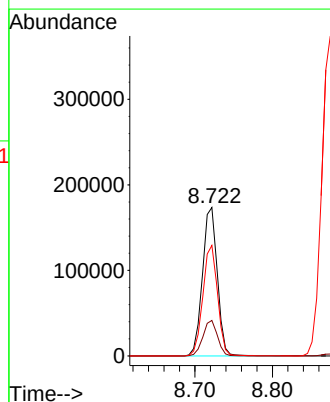
Delta R.T. 0.017 min

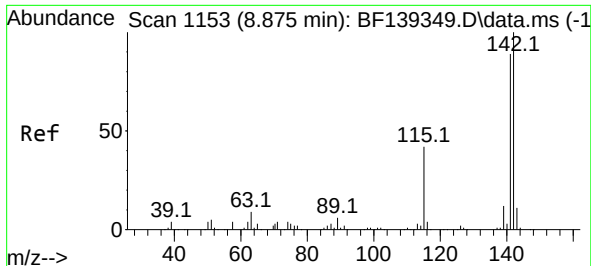
Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:107 Resp: 231033

Ion	Ratio	Lower	Upper
107	100		
144	23.9	17.5	26.3
142	74.5	55.8	83.8





#37

2-Methylnaphthalene

Concen: 46.603 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:142 Resp: 47905

Ion Ratio Lower Upper

142 100

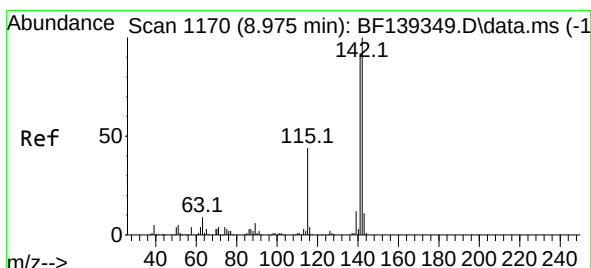
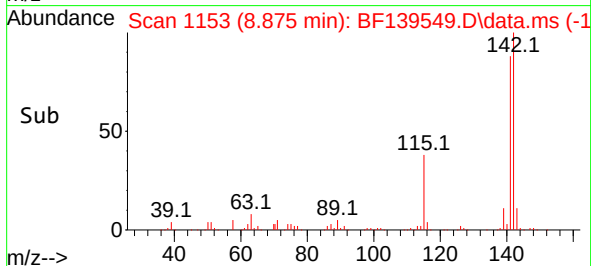
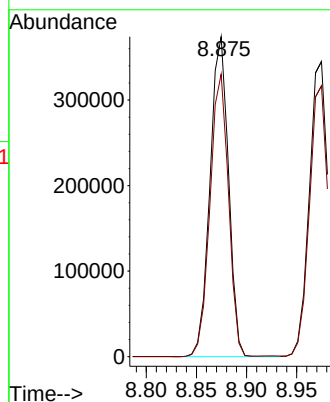
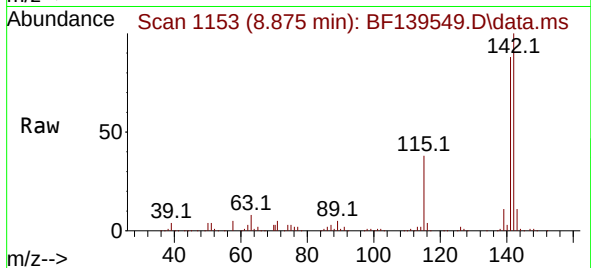
141 88.3 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#38

1-Methylnaphthalene

Concen: 44.147 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139549.D

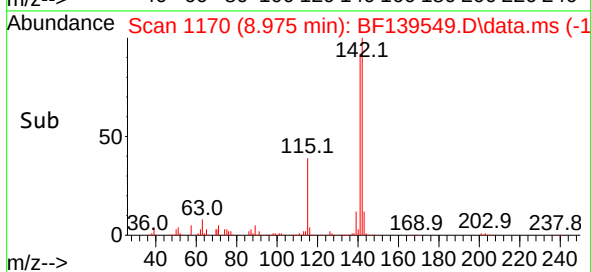
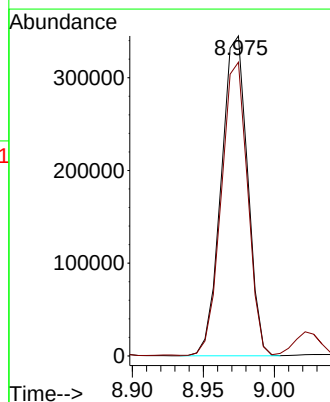
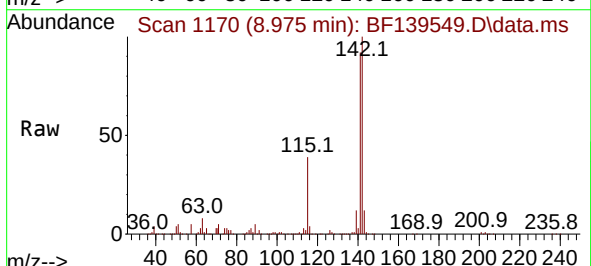
Acq: 26 Sep 2024 15:59

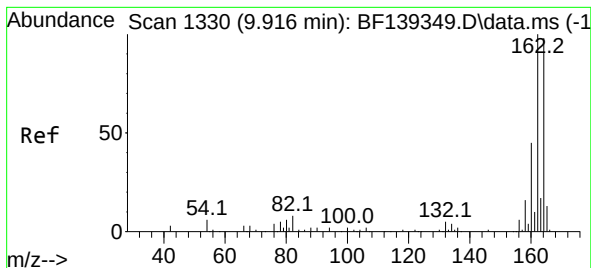
Tgt Ion:142 Resp: 445531

Ion Ratio Lower Upper

142 100

141 91.8 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: BF139549.D

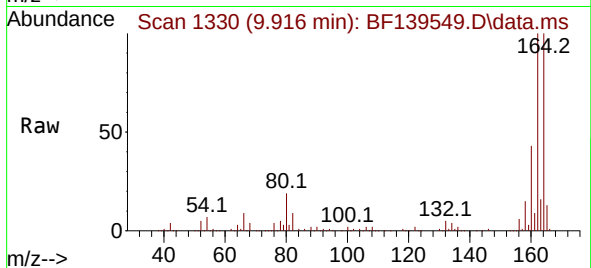
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS



Tgt Ion:164 Resp: 175082

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

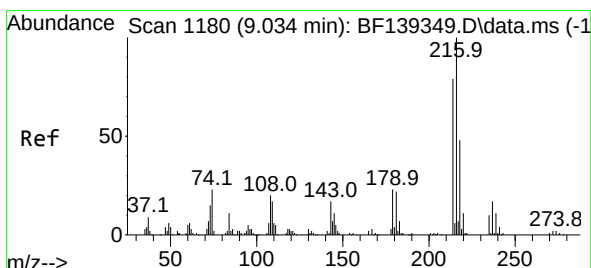
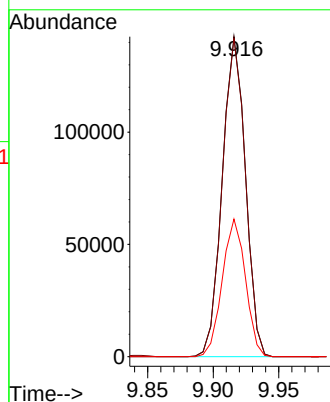
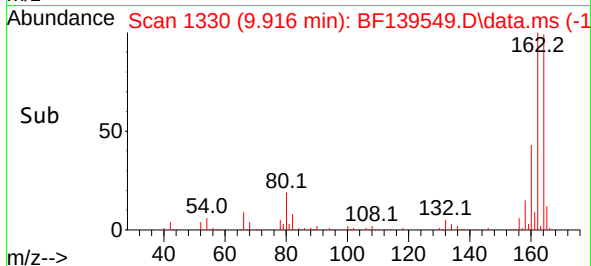
160 43.0 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.232 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:216 Resp: 224325

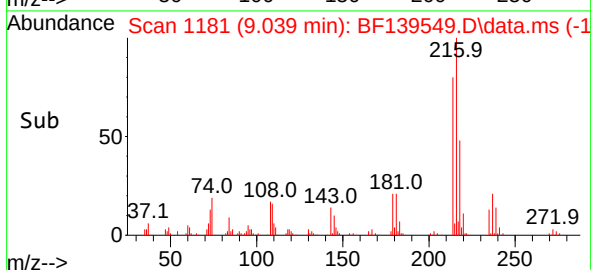
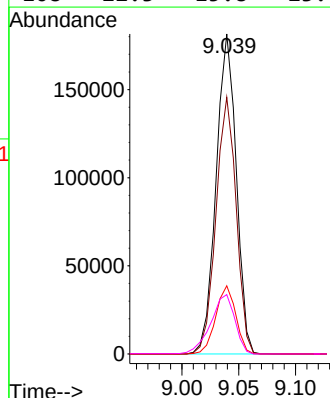
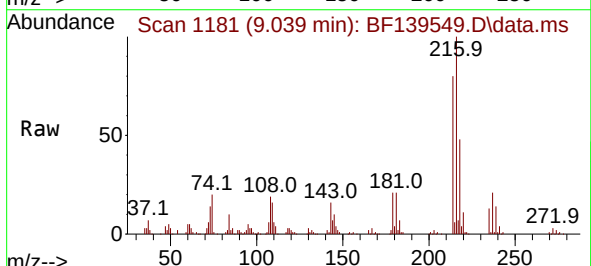
Ion Ratio Lower Upper

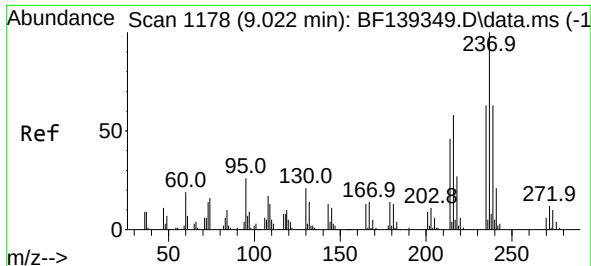
216 100

214 80.3 63.4 95.0

179 21.2 18.2 27.2

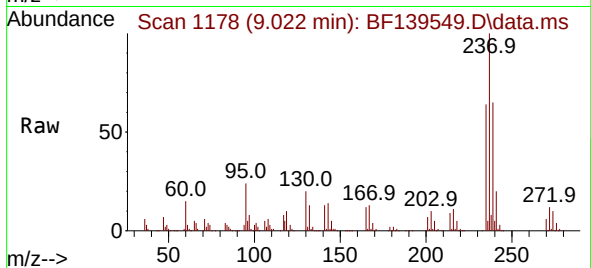
108 22.3 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 150.902 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

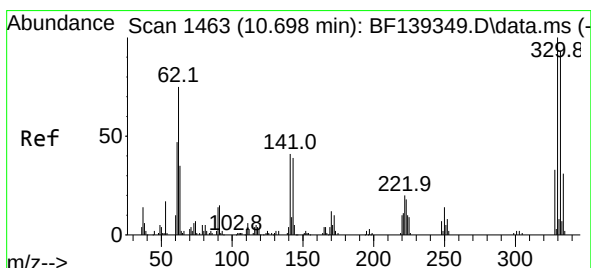
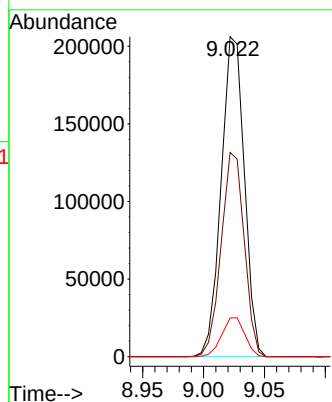
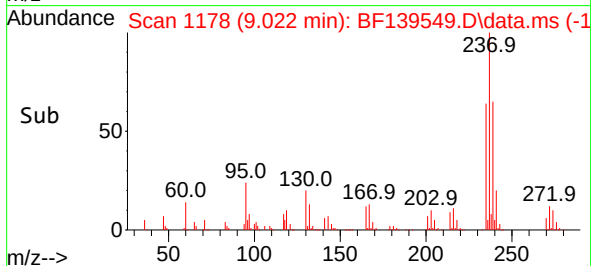
Instrument :
BNA_F
ClientSampleId :
PB163697BS



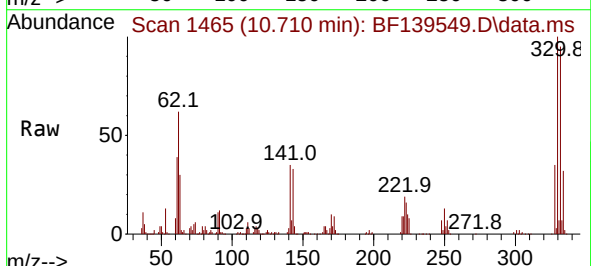
Tgt Ion:237 Resp: 273398
Ion Ratio Lower Upper
237 100
235 63.8 42.7 82.7
272 12.1 0.0 32.5

Manual Integrations
APPROVED

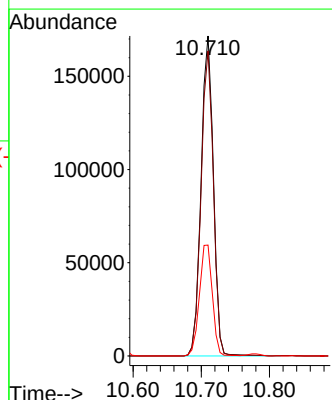
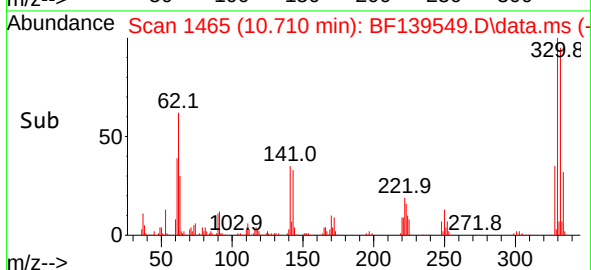
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

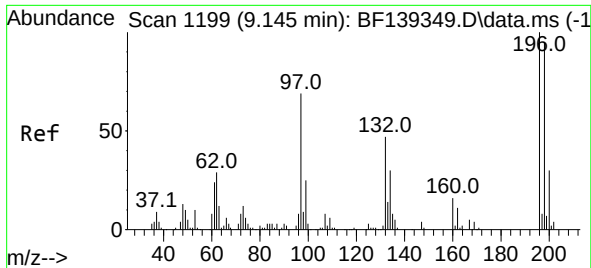


#42
2,4,6-Tribromophenol
Concen: 115.739 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:330 Resp: 215732
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 36.4 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 45.483 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

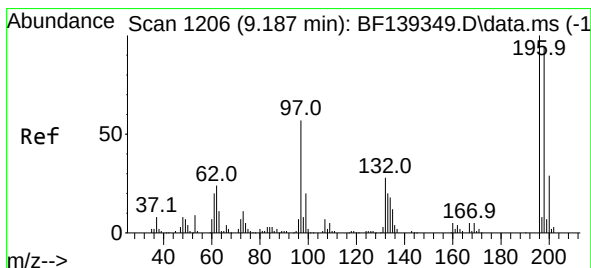
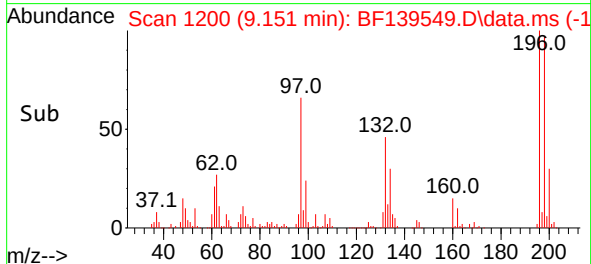
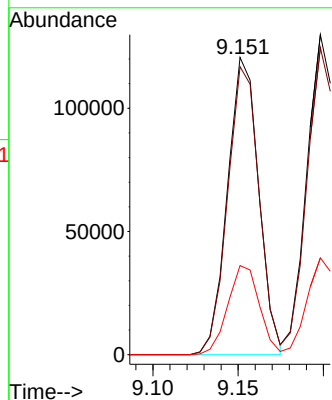
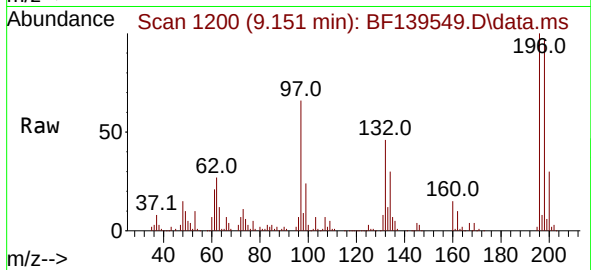
PB163697BS

Tgt Ion:196 Resp: 153549
Ion Ratio Lower Upper
196 100
198 96.9 75.8 113.6
200 30.0 24.1 36.1

Manual Integrations

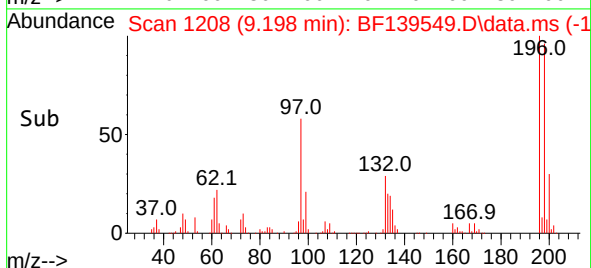
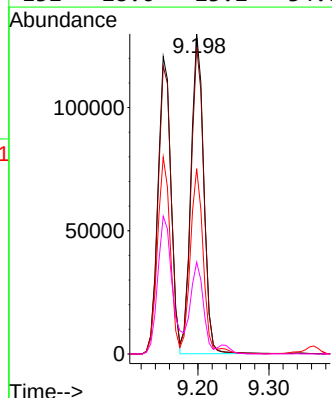
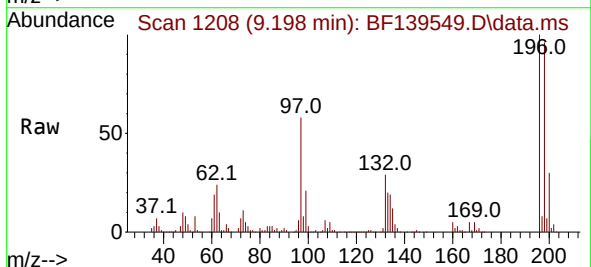
APPROVED

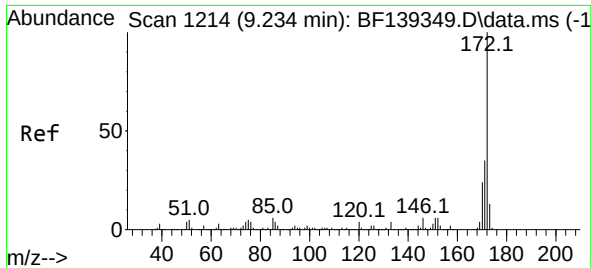
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#44
2,4,5-Trichlorophenol
Concen: 45.693 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:196 Resp: 162712
Ion Ratio Lower Upper
196 100
198 96.0 74.8 112.2
97 57.9 47.3 70.9
132 28.6 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 81.278 ng
RT: 9.239 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

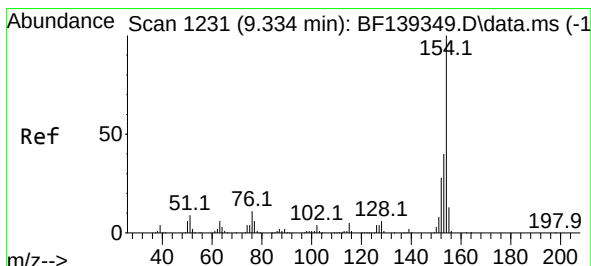
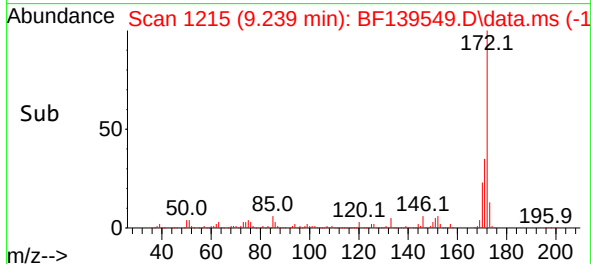
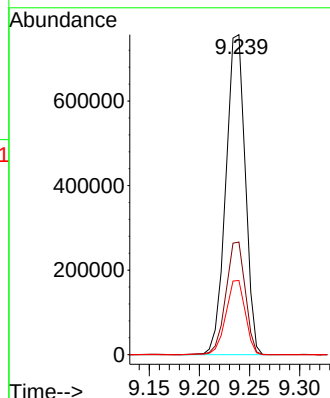
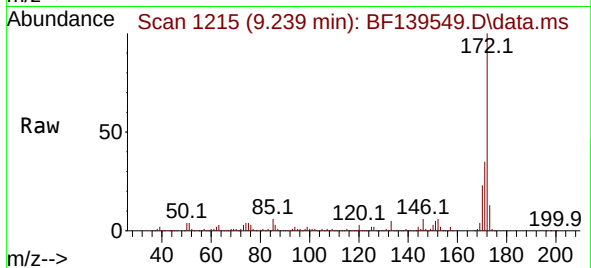
ClientSampleId :

PB163697BS

Tgt Ion:172 Resp: 101462
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.6

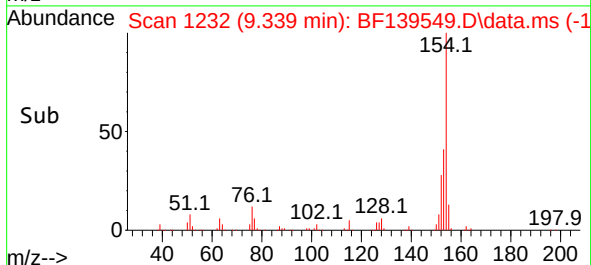
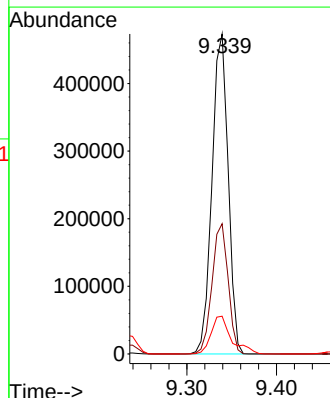
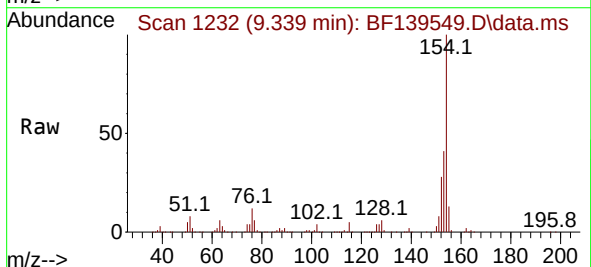
Manual Integrations
APPROVED

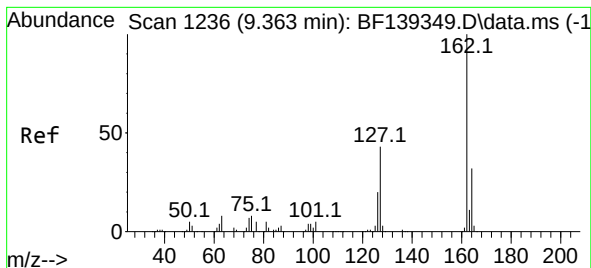
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#46
1,1'-Biphenyl
Concen: 43.960 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:154 Resp: 592124
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.317 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

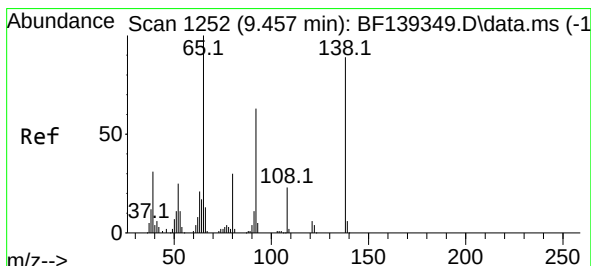
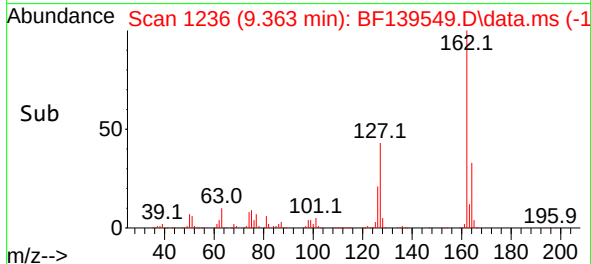
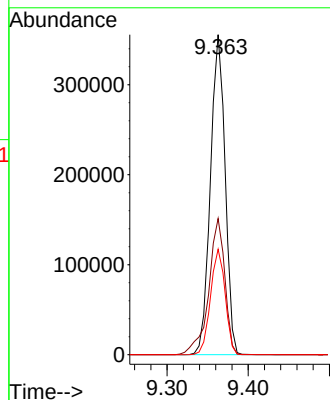
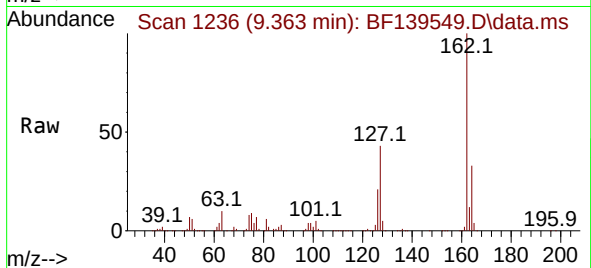
Tgt Ion:162 Resp: 446322
 Ion Ratio Lower Upper
 162 100
 127 42.5 35.0 52.4
 164 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#48

2-Nitroaniline

Concen: 46.045 ng

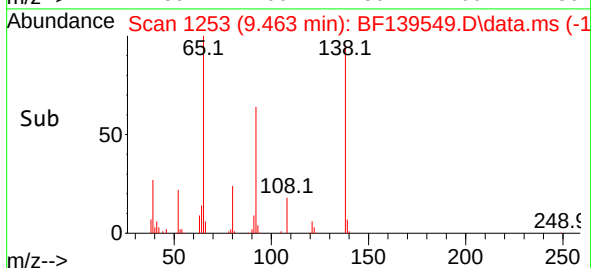
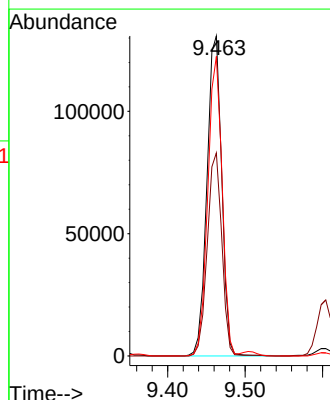
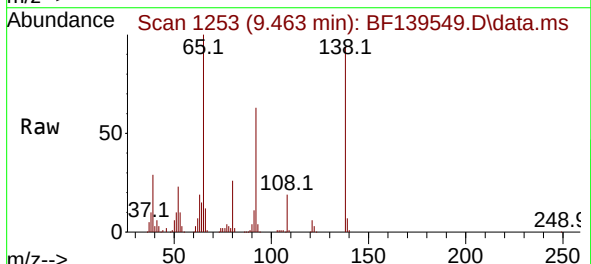
RT: 9.463 min Scan# 1253

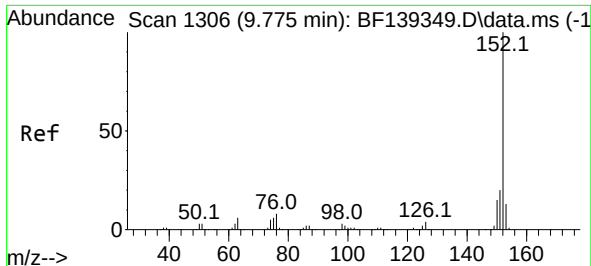
Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion: 65 Resp: 172481
 Ion Ratio Lower Upper
 65 100
 92 63.4 50.3 75.5
 138 93.6 71.3 106.9





#49
Acenaphthylene
Concen: 49.145 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

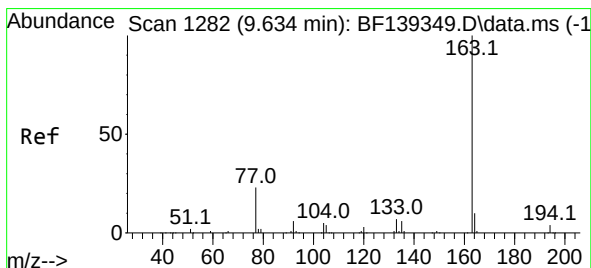
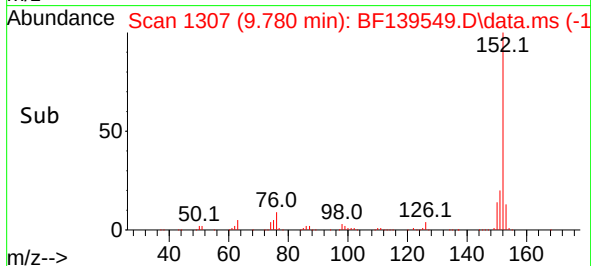
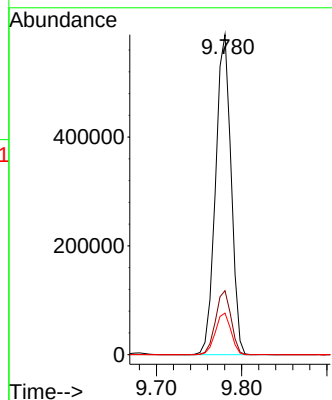
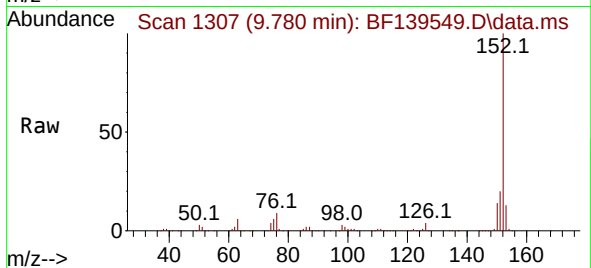
PB163697BS

Tgt Ion:152 Resp: 745040
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations

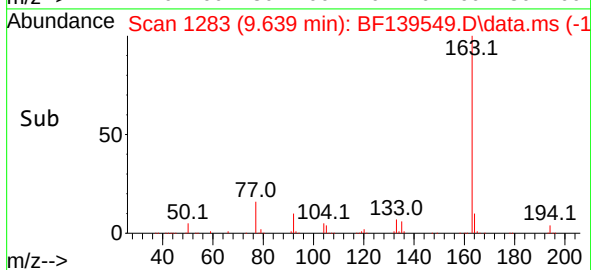
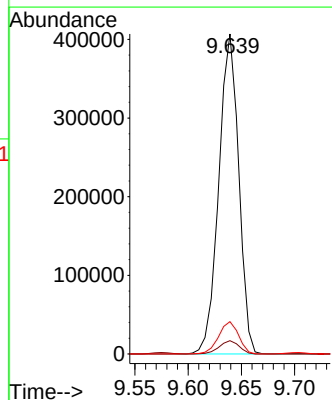
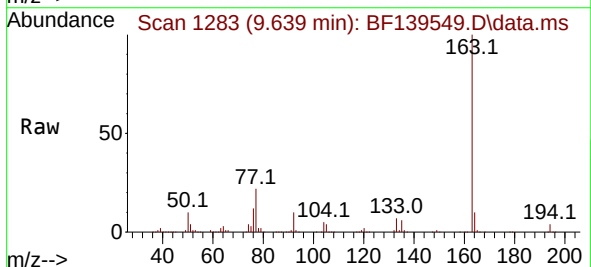
APPROVED

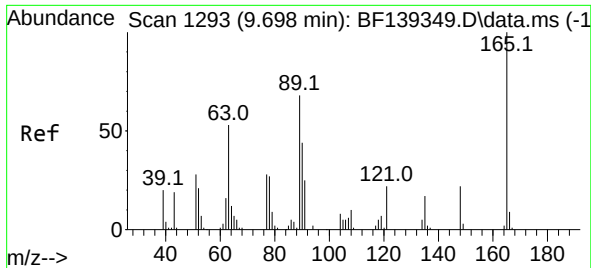
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#50
Dimethylphthalate
Concen: 46.013 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:163 Resp: 528748
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.2 12.2





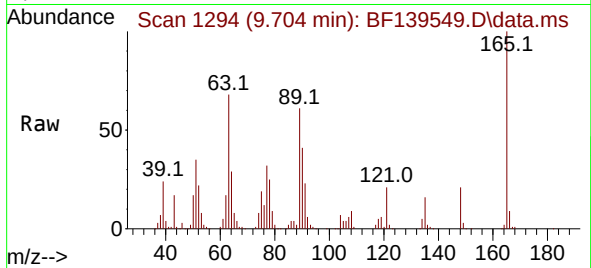
#51
2,6-Dinitrotoluene
Concen: 45.763 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS



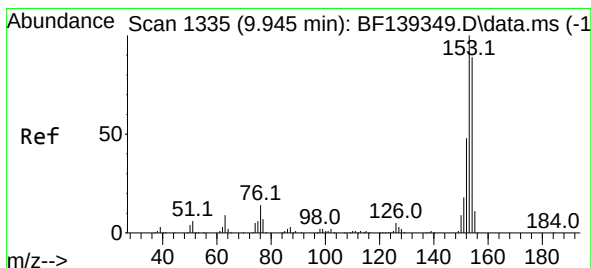
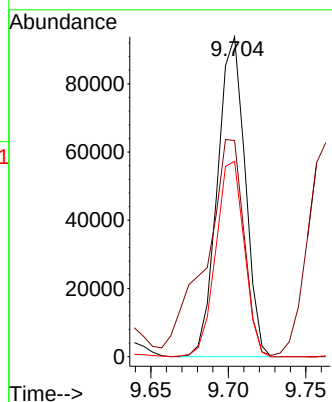
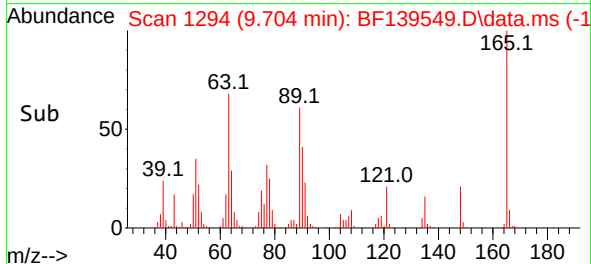
Tgt Ion:165 Resp: 116498
Ion Ratio Lower Upper
165 100
63 67.5 60.9 91.3
89 61.1 54.7 82.1

Manual Integrations

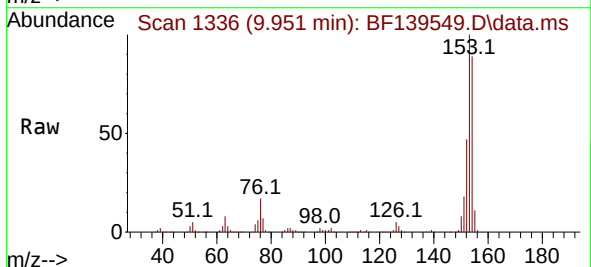
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

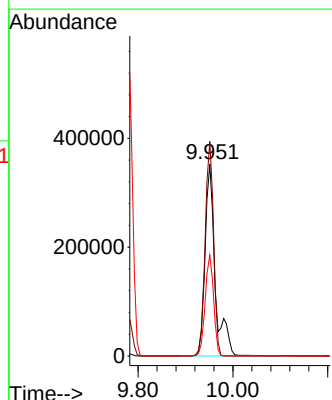
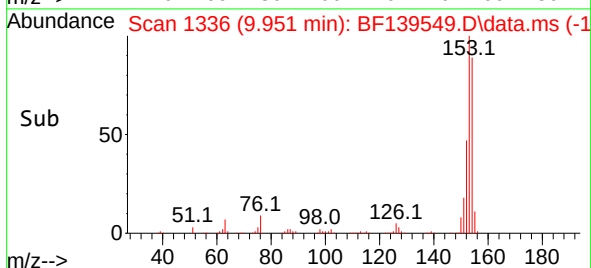
Supervised By :mohammad ahmed 09/28/2024

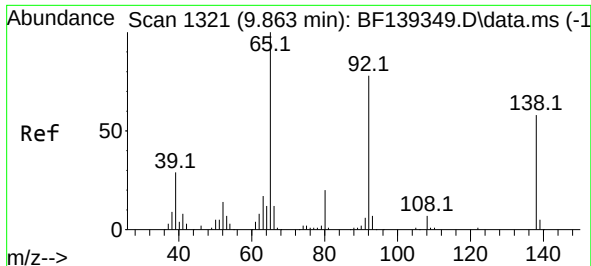


#52
Acenaphthene
Concen: 49.884 ng m
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:154 Resp: 527807
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 52.6 42.6 64.0





#53
3-Nitroaniline
Concen: 33.299 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

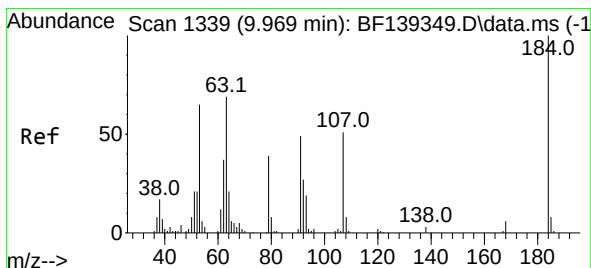
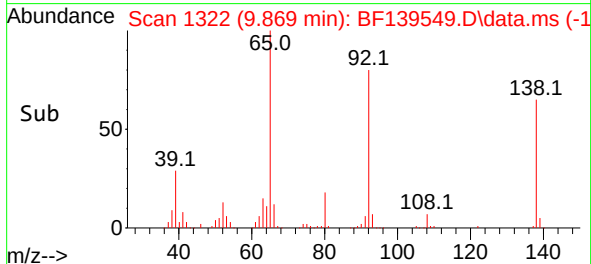
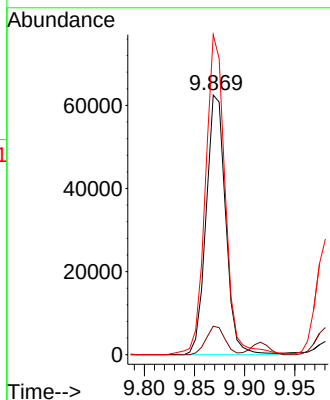
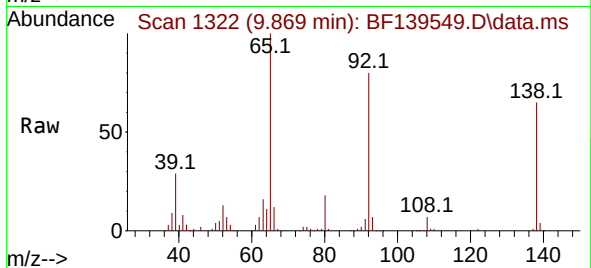
PB163697BS

Tgt Ion:138 Resp: 84710
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.8
92 123.3 107.4 161.2

Manual Integrations

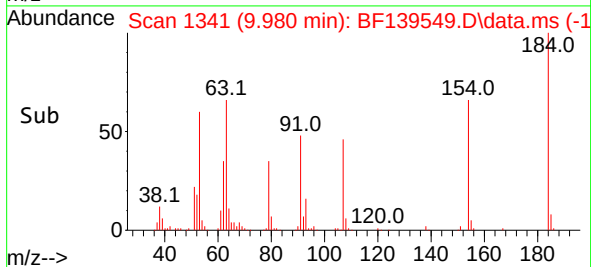
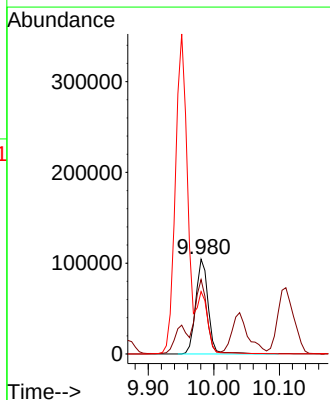
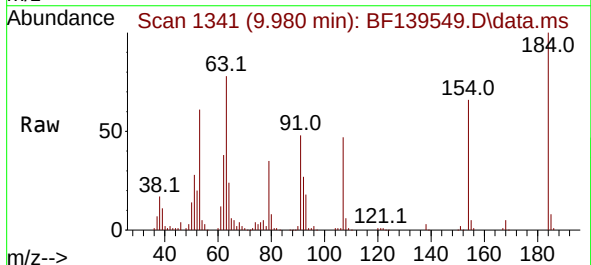
APPROVED

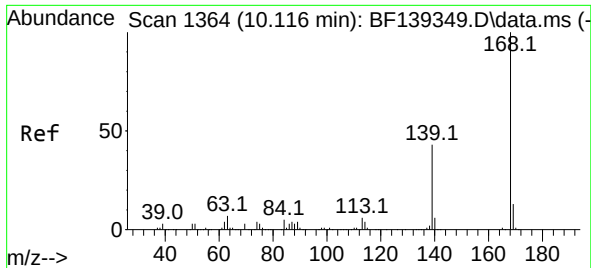
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#54
2,4-Dinitrophenol
Concen: 97.646 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

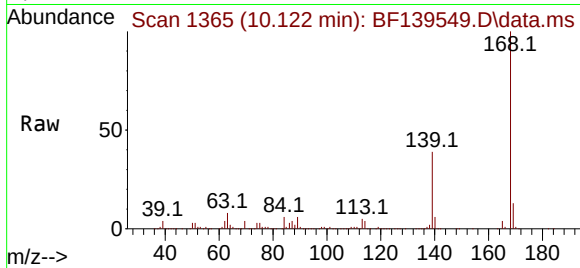
Tgt Ion:184 Resp: 138512
Ion Ratio Lower Upper
184 100
63 78.5 69.3 103.9
154 65.9 67.5 101.3





#55
Dibenzenofuran
Concen: 45.331 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

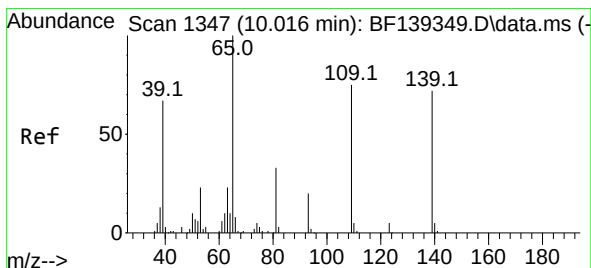
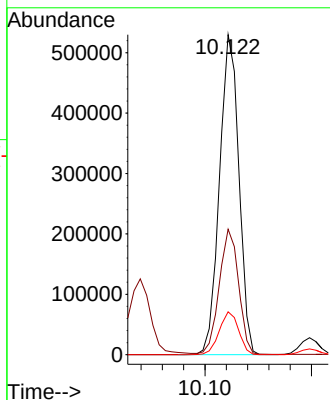
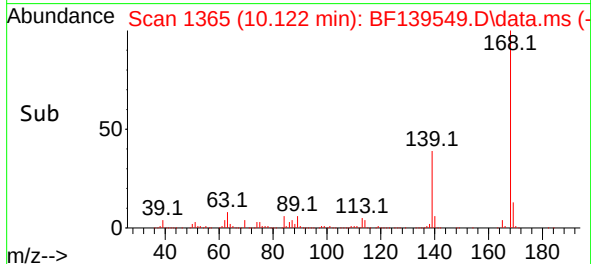
Instrument :
BNA_F
ClientSampleId :
PB163697BS



Tgt Ion:168 Resp: 668511
Ion Ratio Lower Upper
168 100
139 39.2 34.1 51.1
169 13.4 10.5 15.7

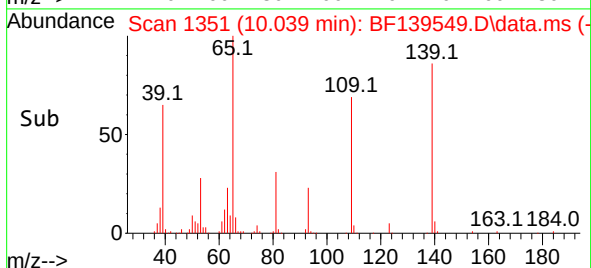
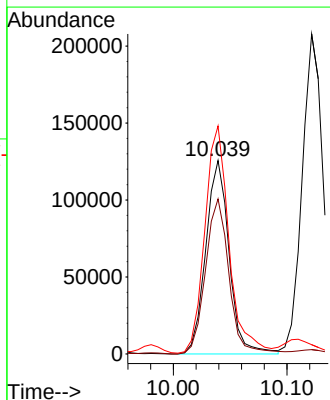
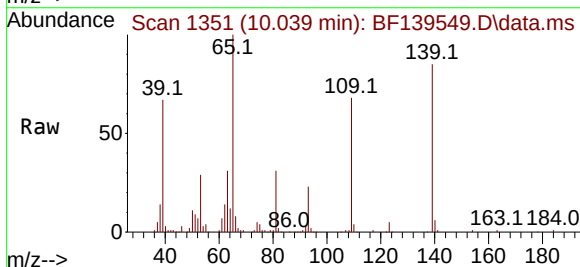
Manual Integrations
APPROVED

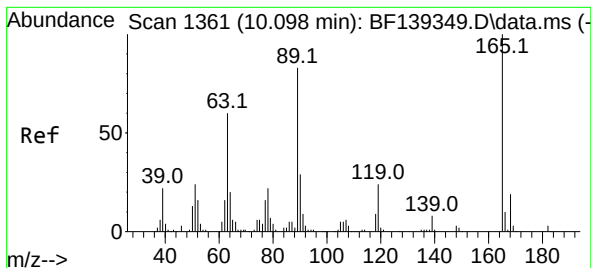
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#56
4-Nitrophenol
Concen: 85.341 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.023 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:139 Resp: 179656
Ion Ratio Lower Upper
139 100
109 80.2 84.1 124.1#
65 117.9 120.0 160.0#





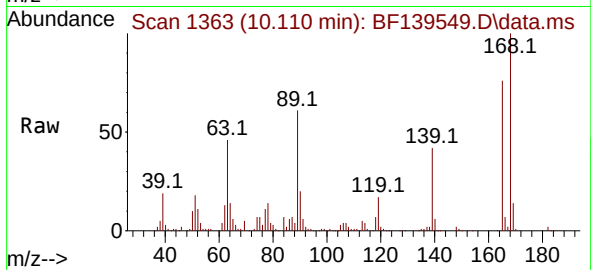
#57
2,4-Dinitrotoluene
Concen: 46.000 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

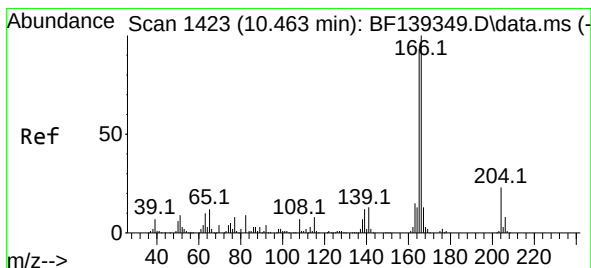
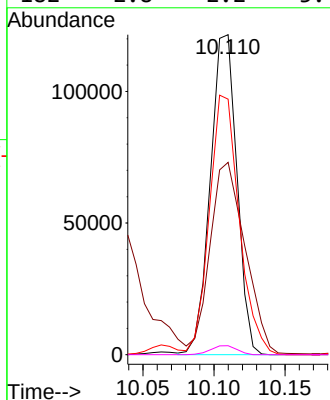
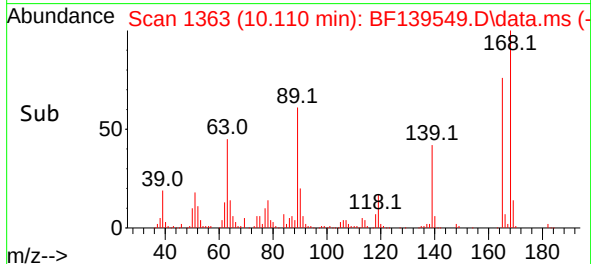


Tgt Ion:165 Resp: 158090
Ion Ratio Lower Upper
165 100
63 60.1 47.8 71.6
89 79.9 66.7 100.1
182 2.8 2.2 3.4

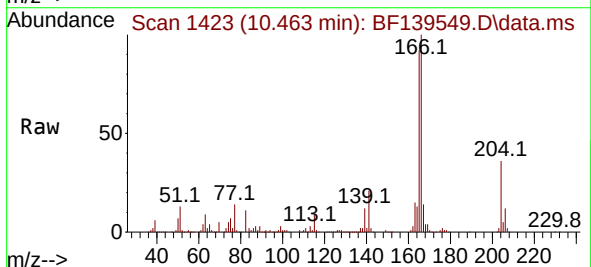
Manual Integrations

APPROVED

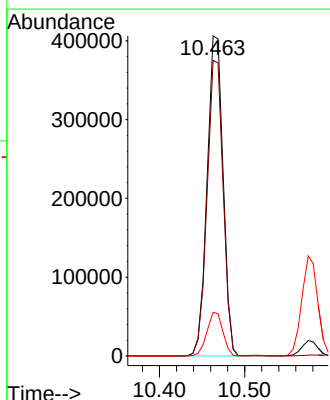
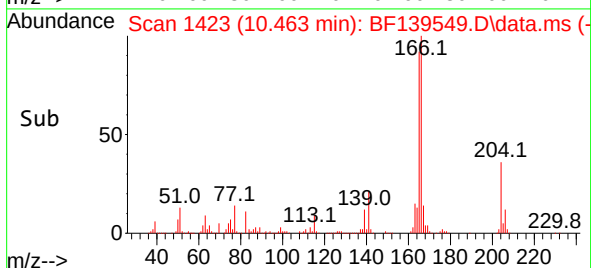
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

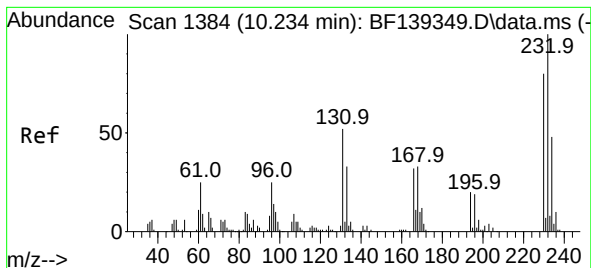


#58
Fluorene
Concen: 44.037 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



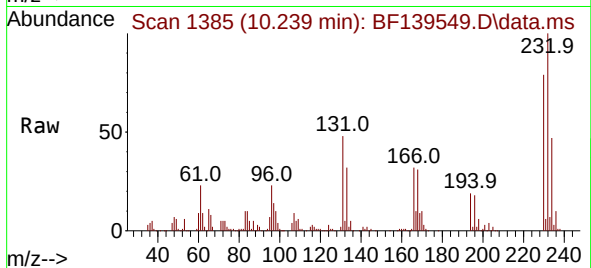
Tgt Ion:166 Resp: 529882
Ion Ratio Lower Upper
166 100
165 92.3 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.271 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

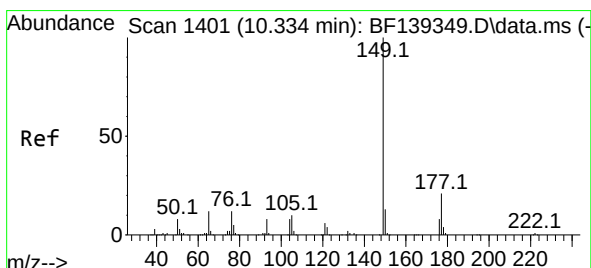
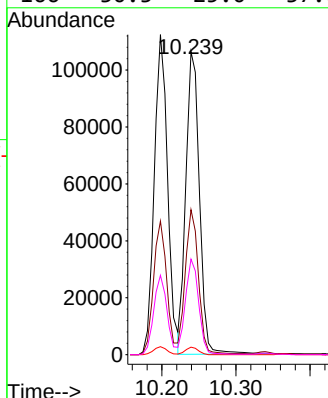
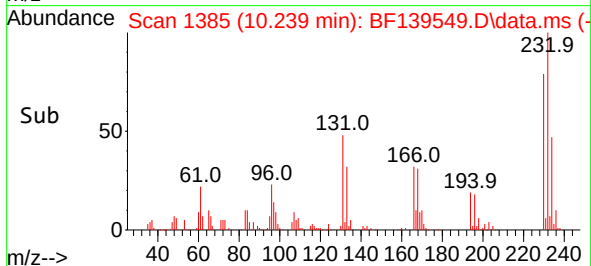
Instrument :
BNA_F
ClientSampleId :
PB163697BS



Tgt Ion:232 Resp: 13630
Ion Ratio Lower Upper
232 100
131 45.6 40.7 61.1
130 2.3 2.2 3.2
166 30.3 25.0 37.6

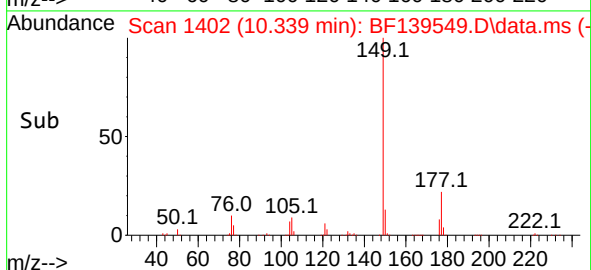
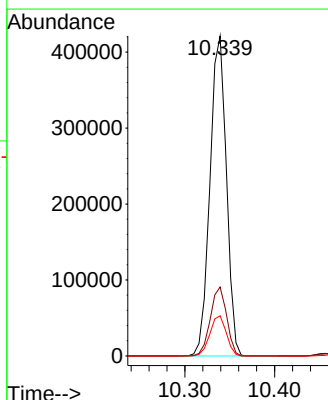
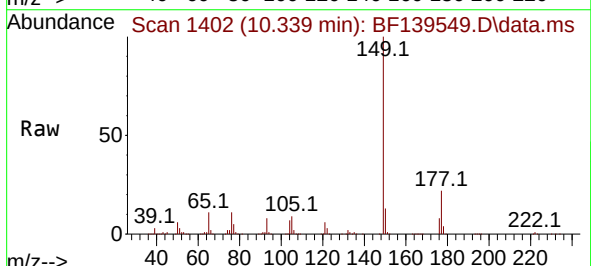
Manual Integrations
APPROVED

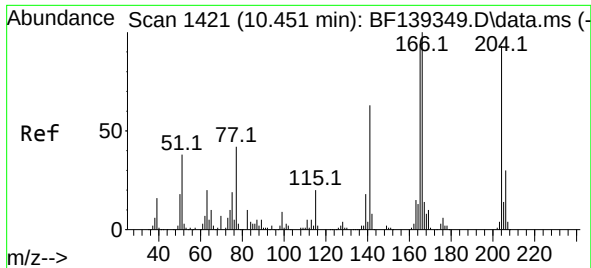
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#60
Diethylphthalate
Concen: 45.152 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

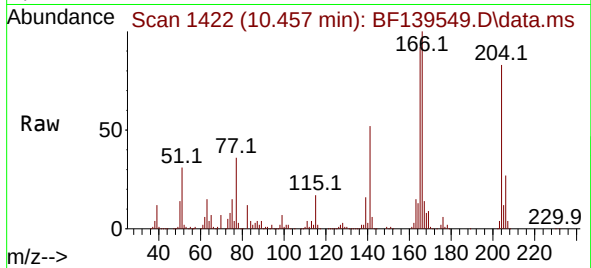
Tgt Ion:149 Resp: 535446
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.950 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

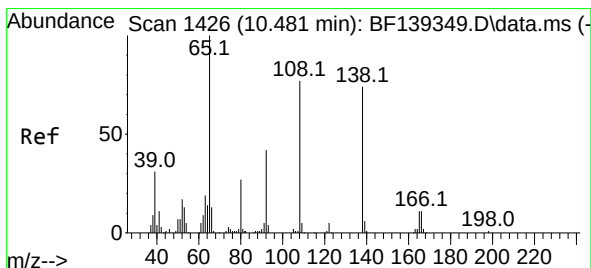
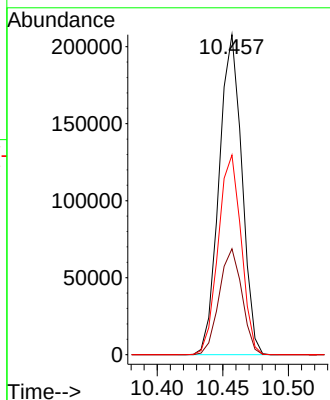
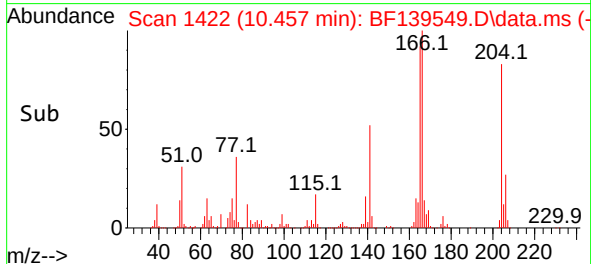
Instrument :
BNA_F
ClientSampleId :
PB163697BS



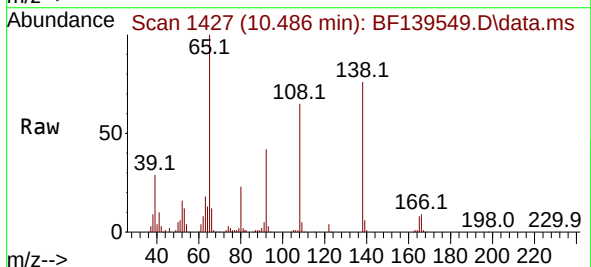
Tgt Ion:204 Resp: 251158
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.4 53.9 80.9

Manual Integrations
APPROVED

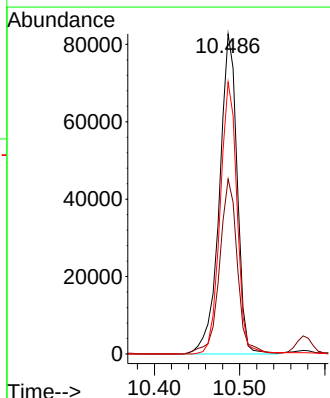
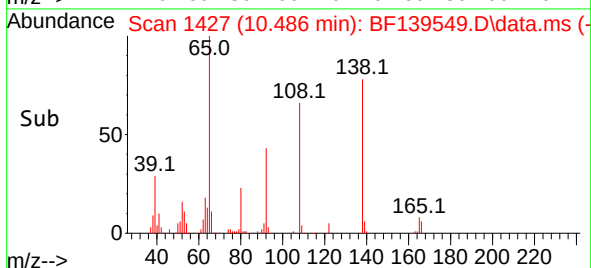
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

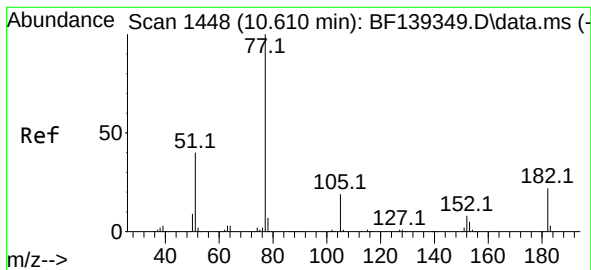


#62
4-Nitroaniline
Concen: 43.190 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:138 Resp: 119924
Ion Ratio Lower Upper
138 100
92 54.6 37.0 77.0
108 85.0 84.4 124.4





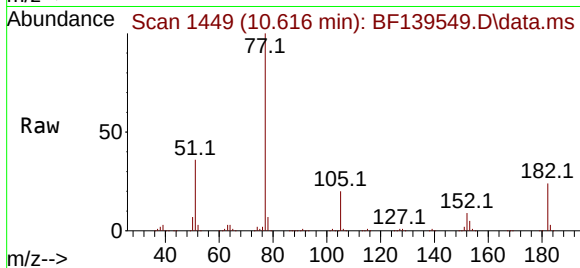
#63
Azobenzene
Concen: 46.182 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

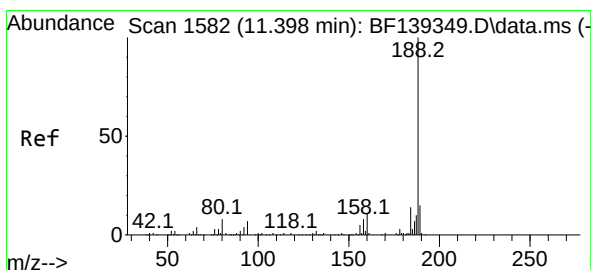
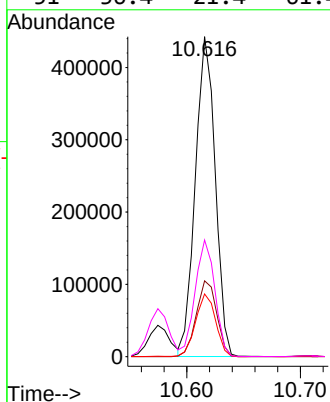
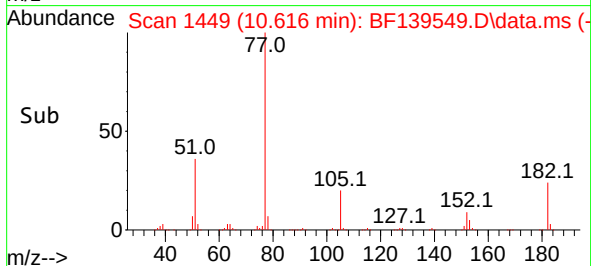


Tgt Ion: 77 Resp: 538649
Ion Ratio Lower Upper
77 100
182 23.7 1.8 41.8
105 19.6 0.0 38.6
51 36.4 21.4 61.4

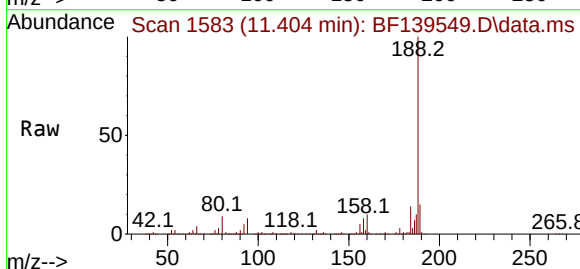
Manual Integrations

APPROVED

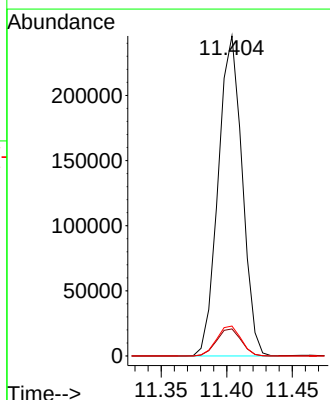
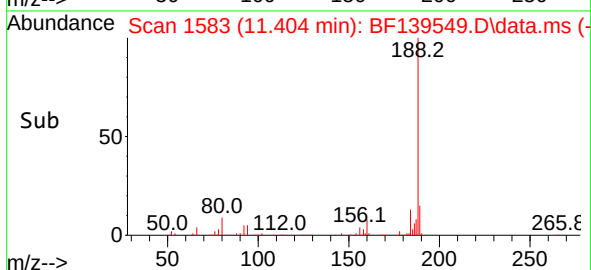
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

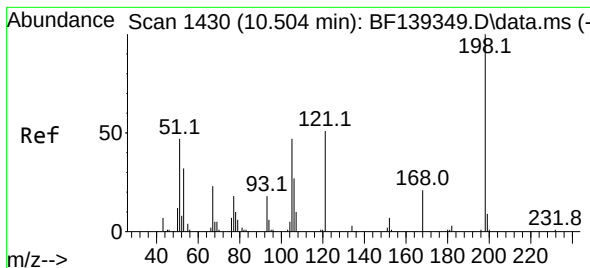


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



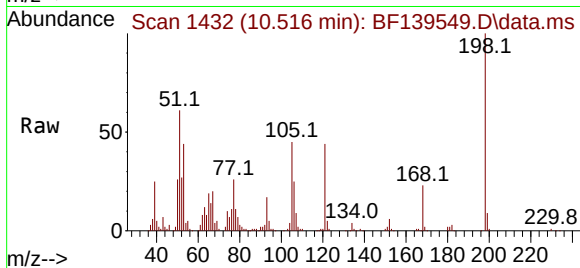
Tgt Ion:188 Resp: 312559
Ion Ratio Lower Upper
188 100
94 8.4 5.5 8.3#
80 9.4 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 52.274 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

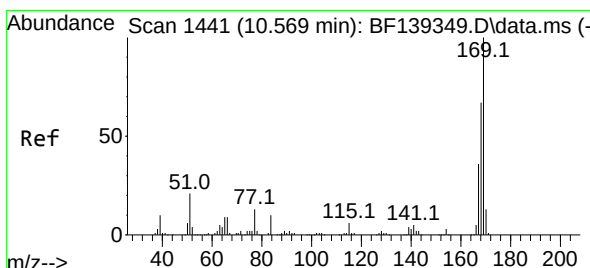
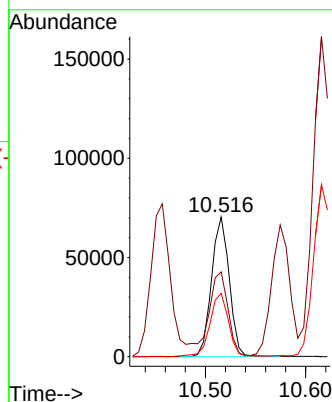
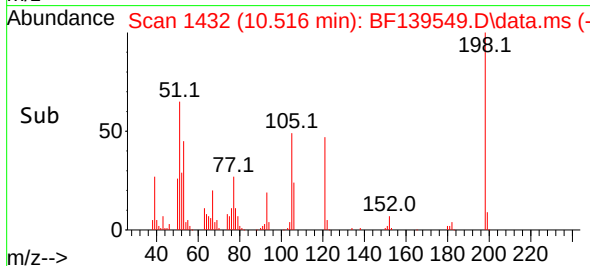
Instrument :
BNA_F
ClientSampleId :
PB163697BS



Tgt Ion:198 Resp: 86234
Ion Ratio Lower Upper
198 100
51 60.8 50.4 90.4
105 45.4 28.3 68.3

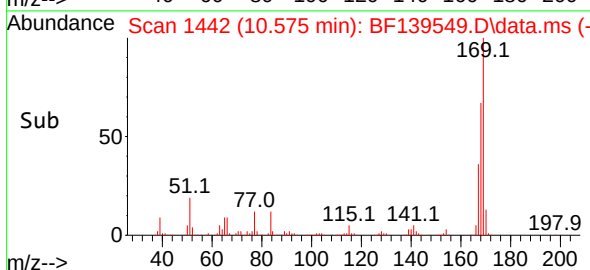
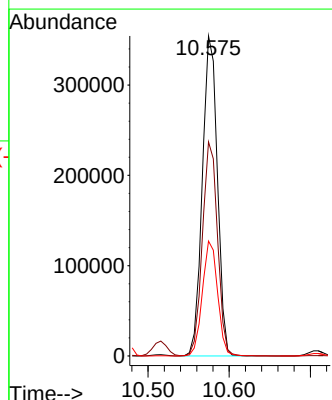
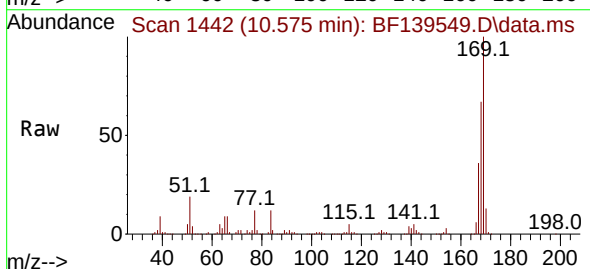
Manual Integrations
APPROVED

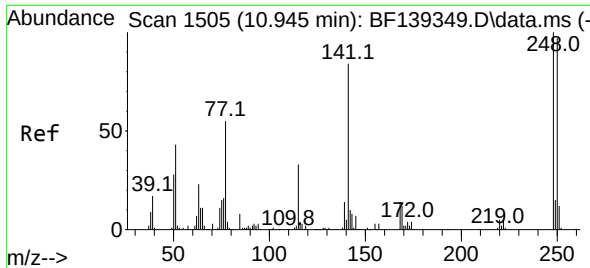
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#66
n-Nitrosodiphenylamine
Concen: 49.789 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:169 Resp: 454983
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.731 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

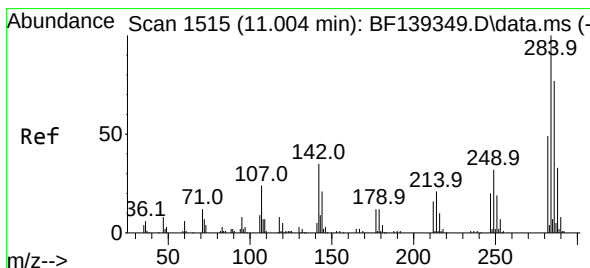
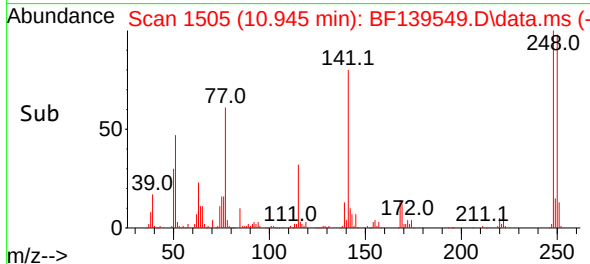
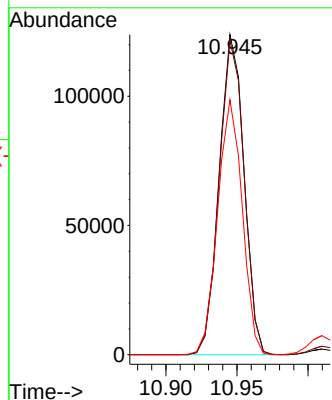
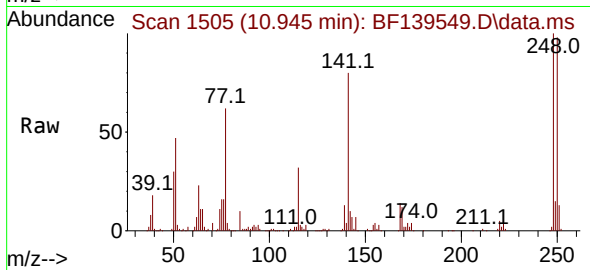
PB163697BS

Tgt Ion:248 Resp: 150938
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 79.6 66.9 100.3

Manual Integrations

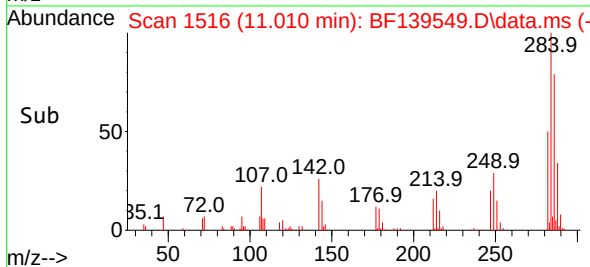
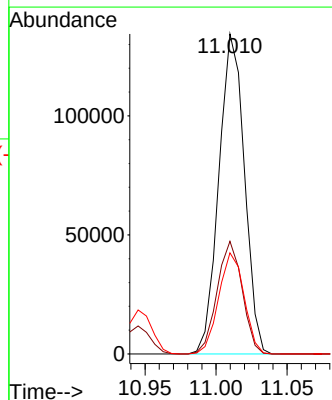
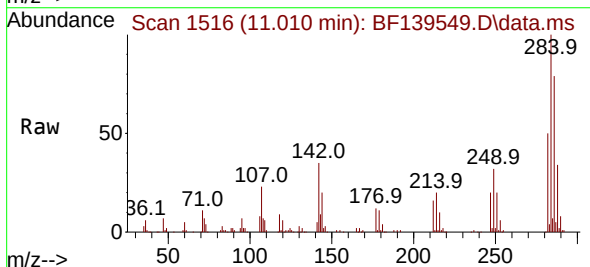
APPROVED

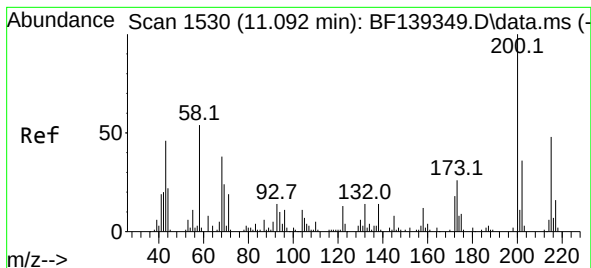
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#68
Hexachlorobenzene
Concen: 46.218 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:284 Resp: 168012
Ion Ratio Lower Upper
284 100
142 35.2 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 65.572 ng

RT: 11.104 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:200 Resp: 142652

Ion Ratio Lower Upper

200 100

173 27.2 6.1 46.1

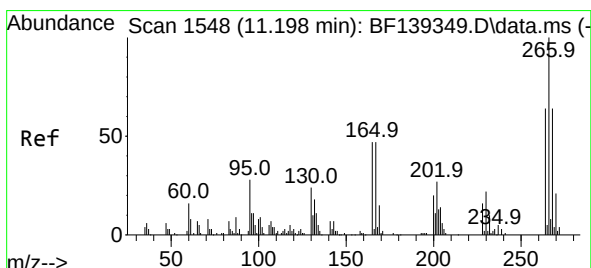
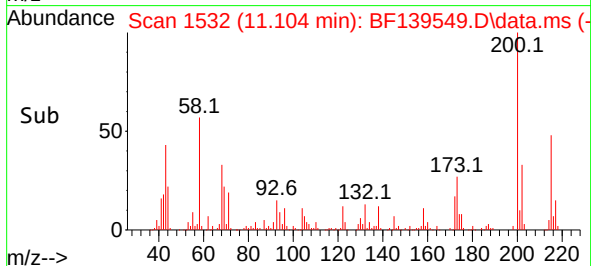
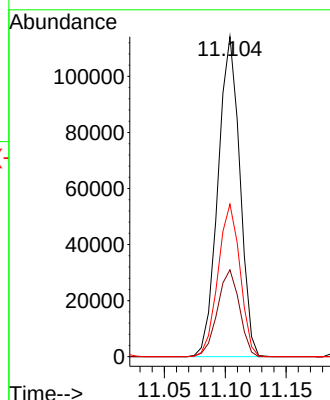
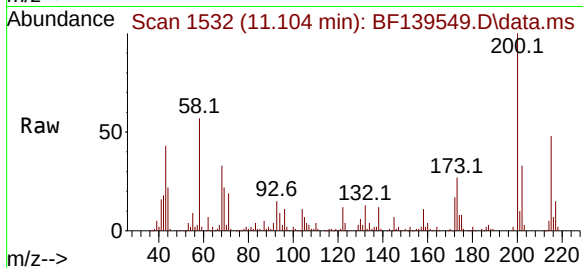
215 47.7 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#70

Pentachlorophenol

Concen: 84.839 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

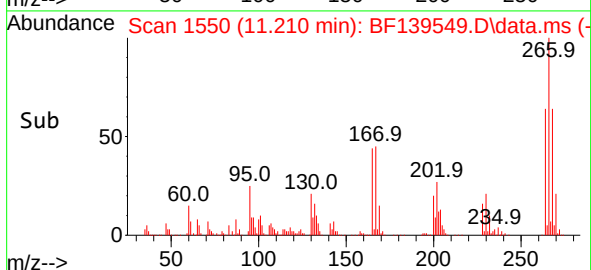
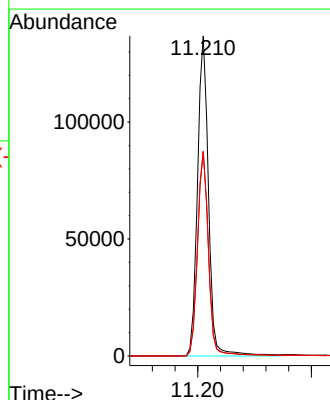
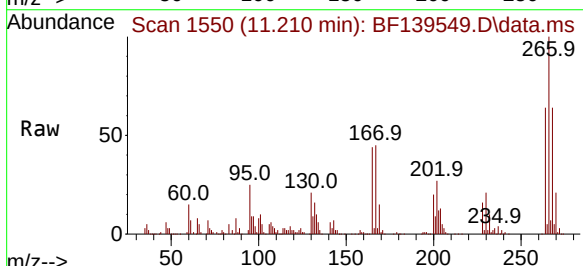
Tgt Ion:266 Resp: 185054

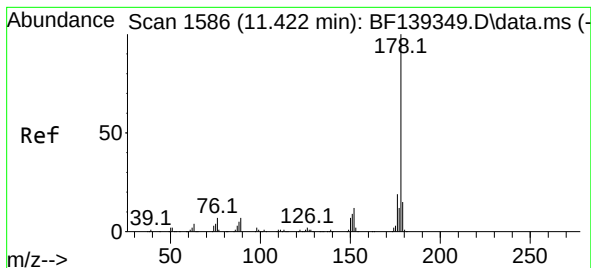
Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

264 64.0 51.4 77.0





#71

Phenanthrene

Concen: 48.256 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:178 Resp: 727689

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

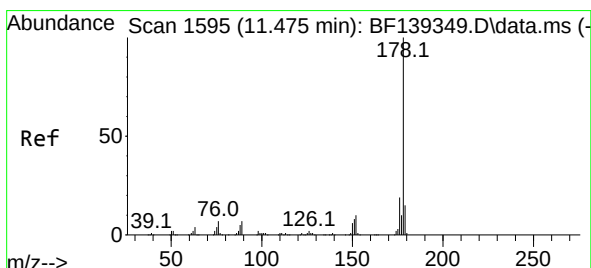
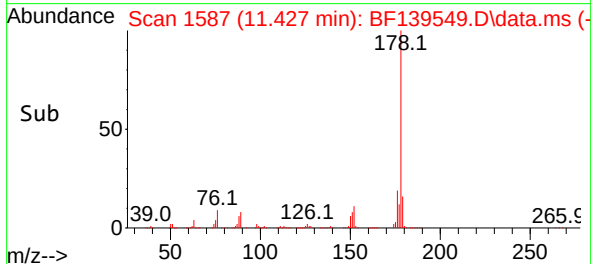
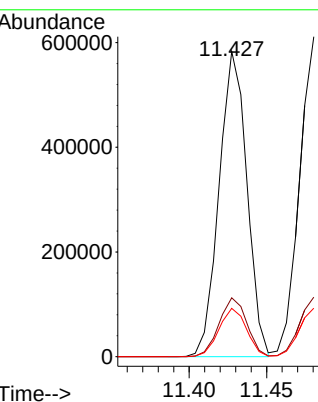
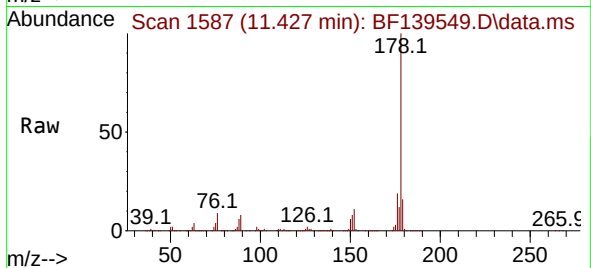
179 15.8 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#72

Anthracene

Concen: 50.859 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

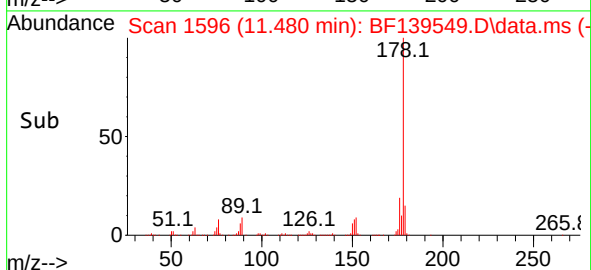
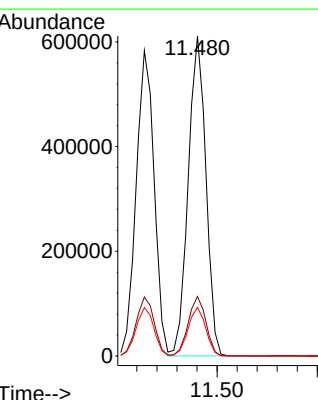
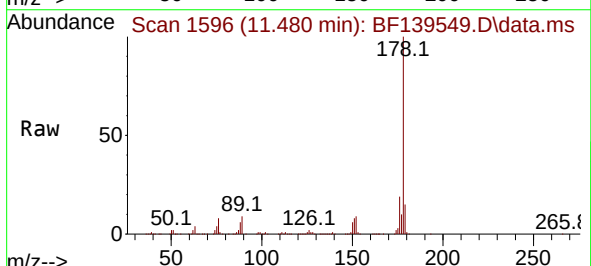
Tgt Ion:178 Resp: 749848

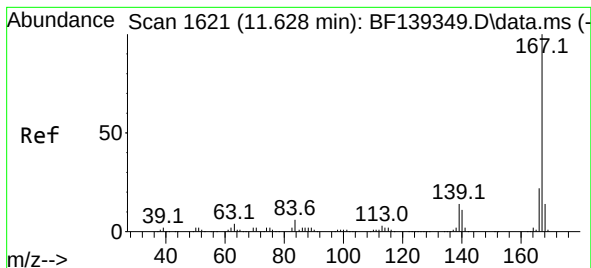
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.2 12.0 18.0





#73

Carbazole

Concen: 46.014 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:167 Resp: 649314

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

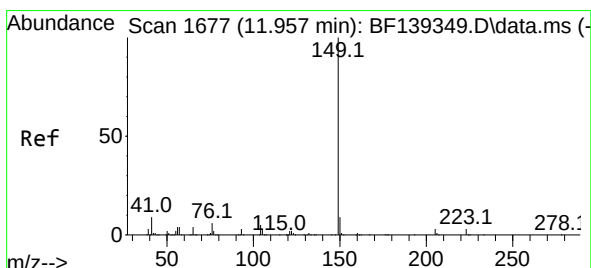
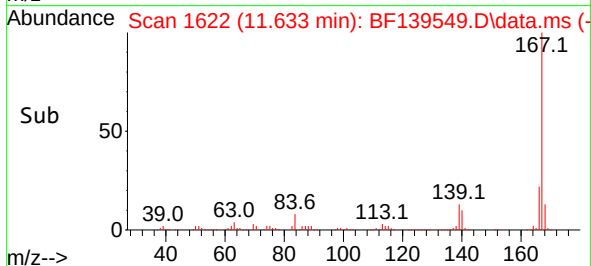
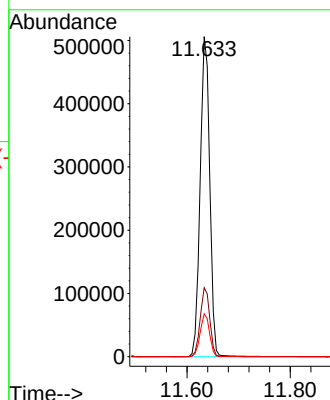
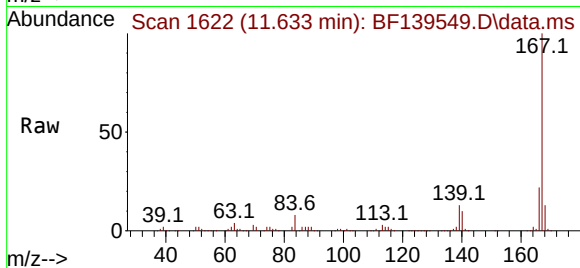
139 13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#74

Di-n-butylphthalate

Concen: 48.268 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

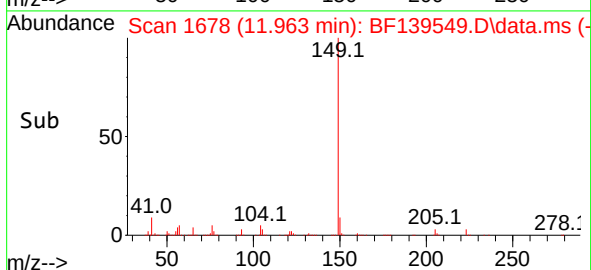
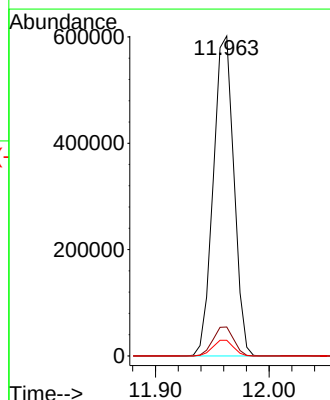
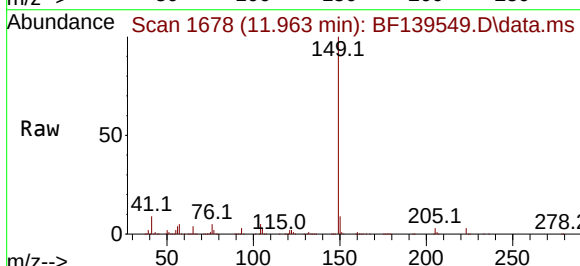
Tgt Ion:149 Resp: 758752

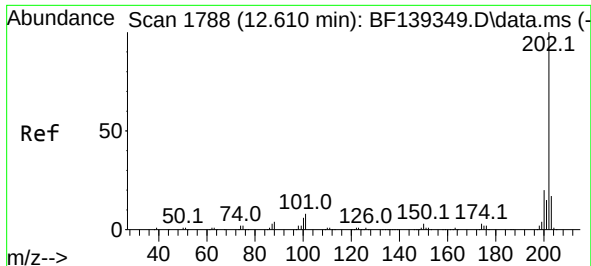
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

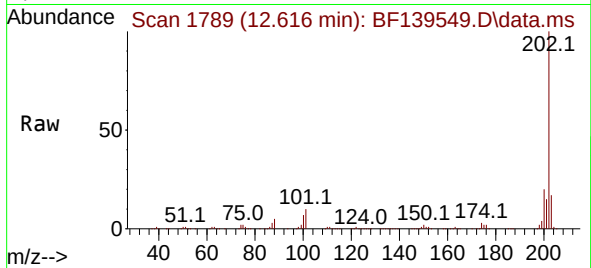
104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 43.553 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

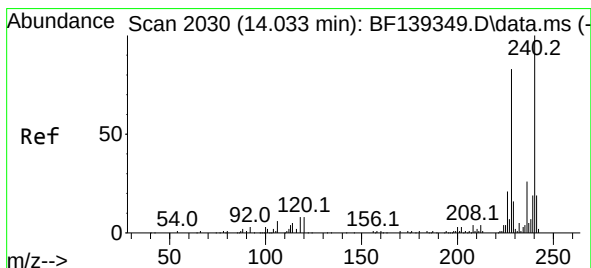
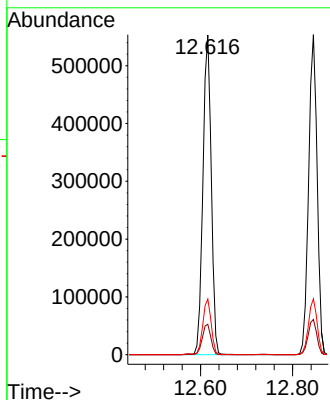
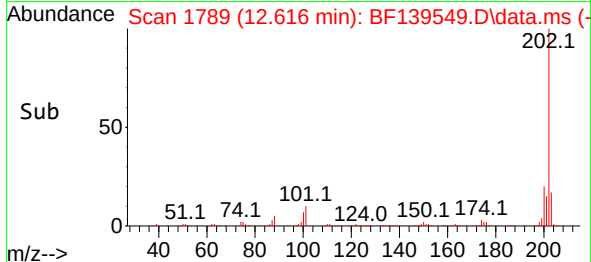
Instrument :
BNA_F
ClientSampleId :
PB163697BS



Tgt Ion:202 Resp: 701360
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 17.4 0.0 37.4

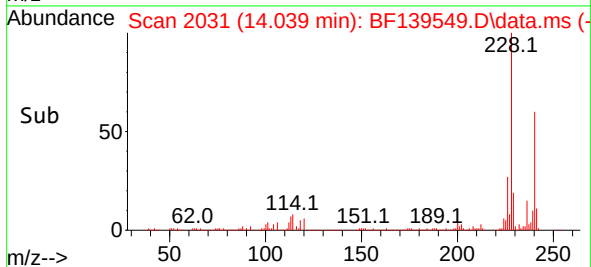
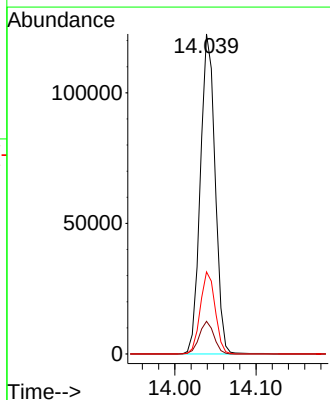
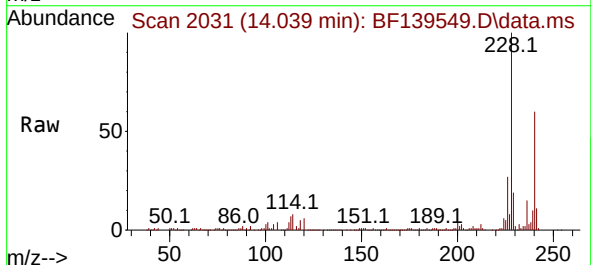
Manual Integrations
APPROVED

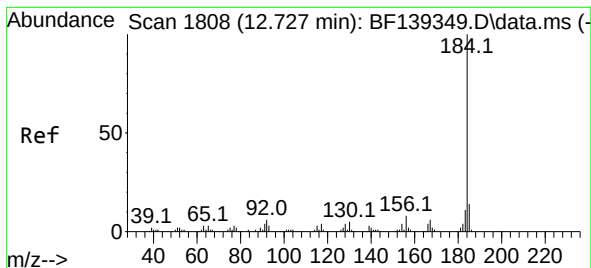
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Tgt Ion:240 Resp: 154736
Ion Ratio Lower Upper
240 100
120 10.2 6.2 9.2#
236 25.6 20.9 31.3





#77

Benzidine

Concen: 88.324 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

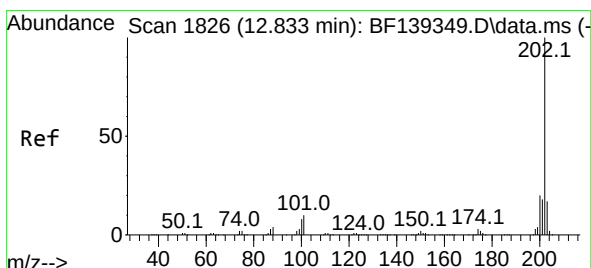
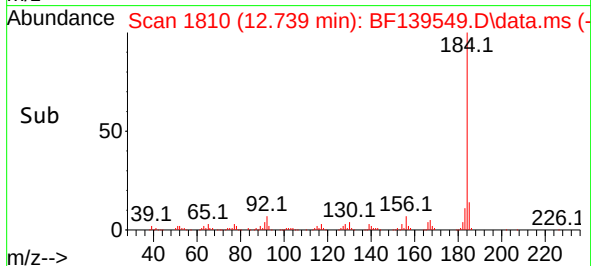
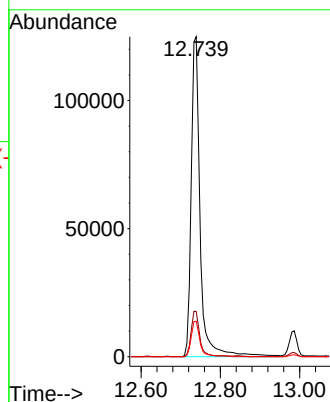
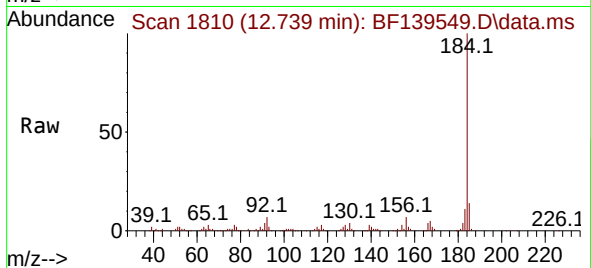
Tgt Ion:	184	Resp:	19580
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.5	17.3
183	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#78

Pyrene

Concen: 53.270 ng

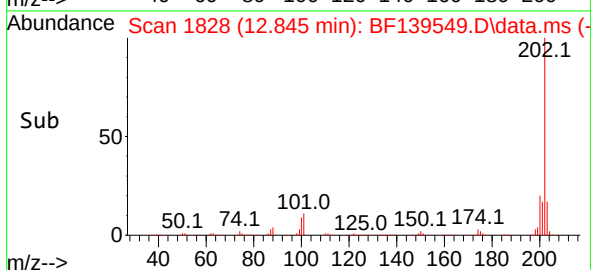
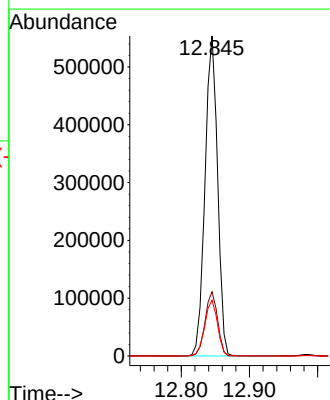
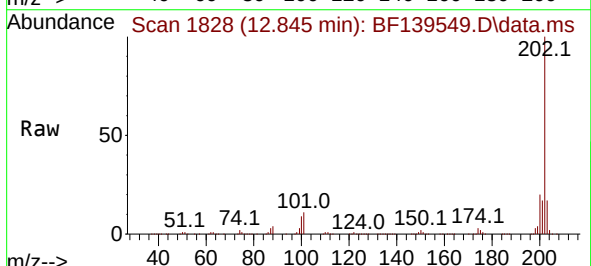
RT: 12.845 min Scan# 1828

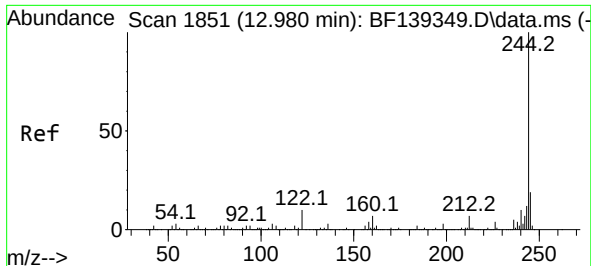
Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:	202	Resp:	707749
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.2	24.2
203	17.5	13.9	20.9





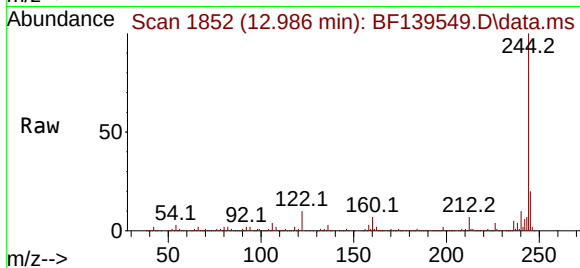
#79
 Terphenyl-d14
 Concen: 95.826 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF139549.D
 Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

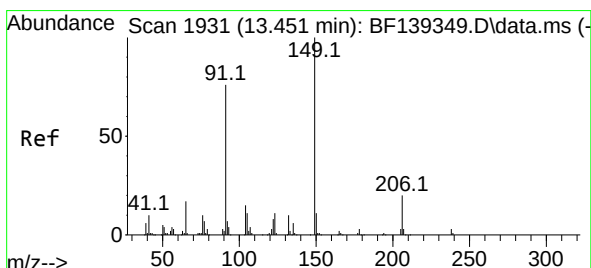
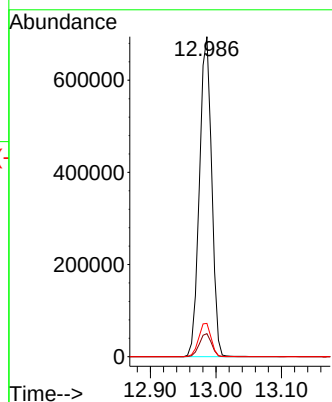
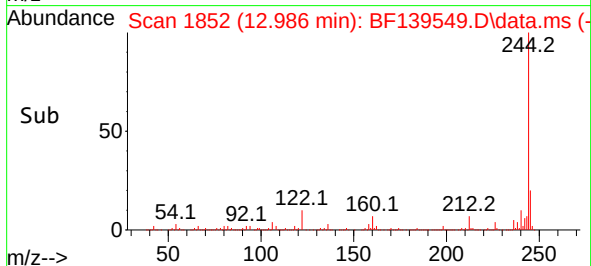


Tgt Ion:244 Resp: 90336
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.4 7.6 11.4

Manual Integrations

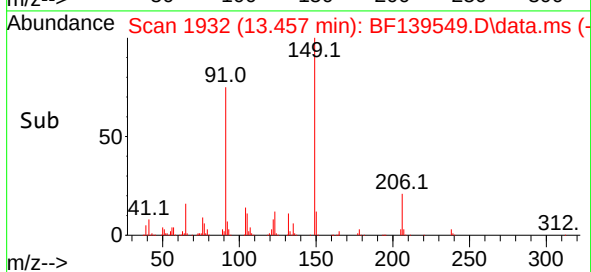
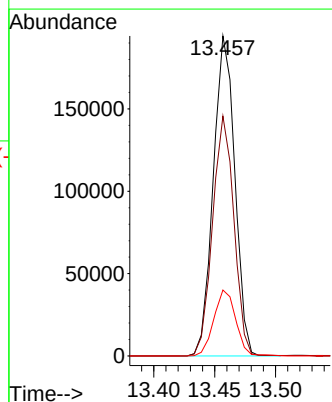
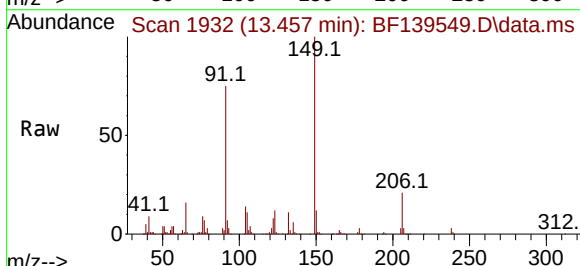
APPROVED

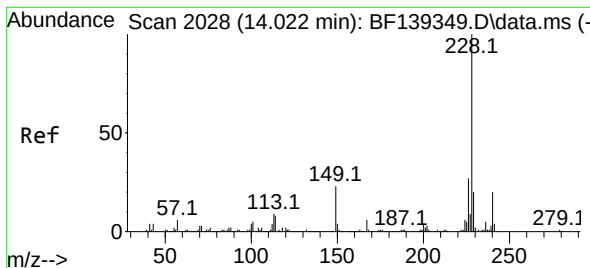
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#80
 Butylbenzylphthalate
 Concen: 52.947 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139549.D
 Acq: 26 Sep 2024 15:59

Tgt Ion:149 Resp: 239444
 Ion Ratio Lower Upper
 149 100
 91 75.0 60.9 91.3
 206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 50.544 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139549.D

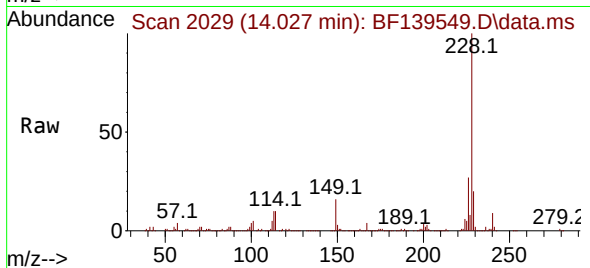
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS



Tgt Ion:228 Resp: 518058

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

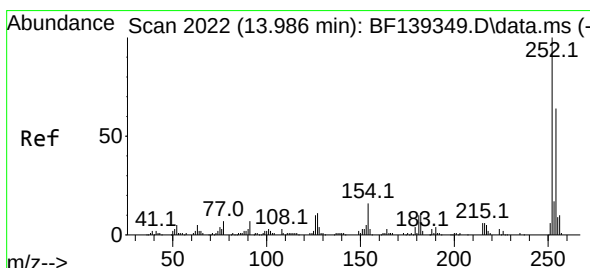
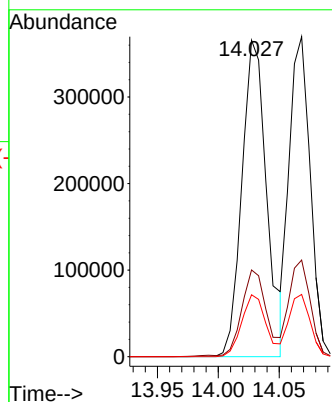
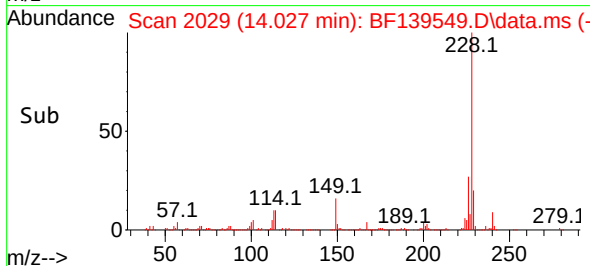
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#82

3,3'-Dichlorobenzidine

Concen: 38.302 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

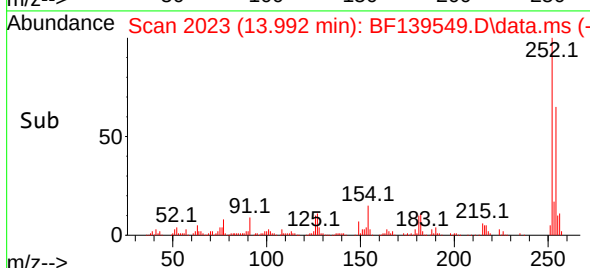
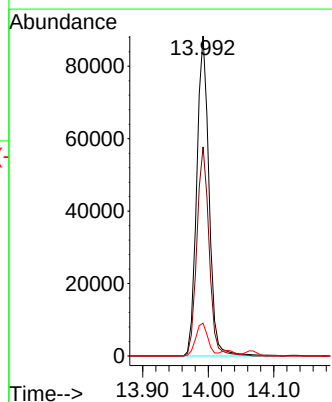
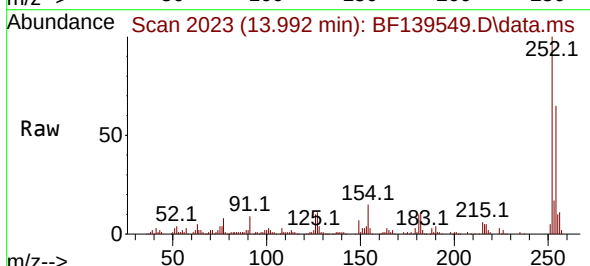
Tgt Ion:252 Resp: 114967

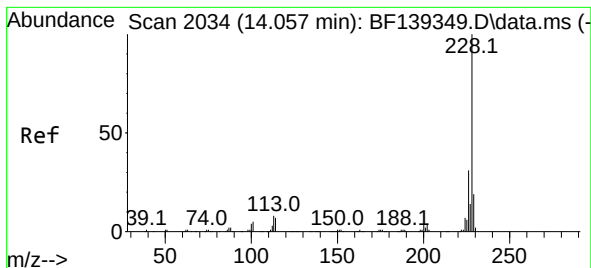
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 10.2 7.7 11.5





#83

Chrysene

Concen: 47.240 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

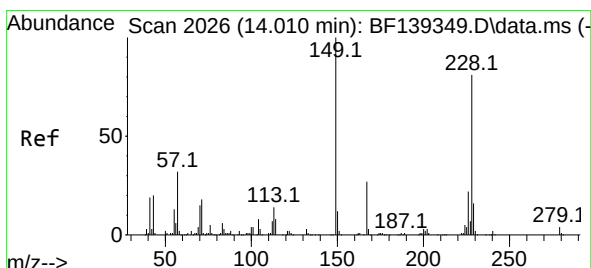
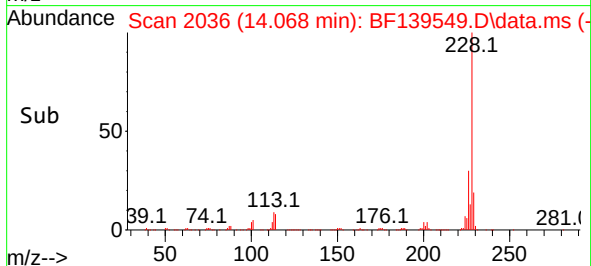
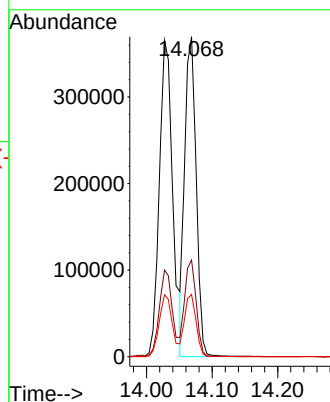
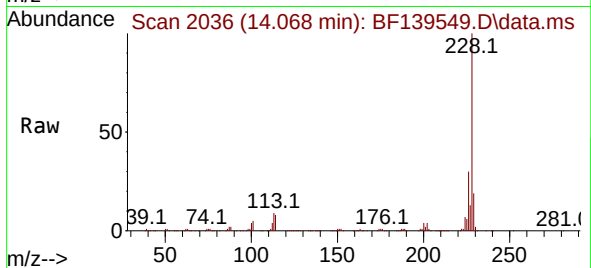
Tgt Ion:228 Resp: 445463
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.5 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.447 ng

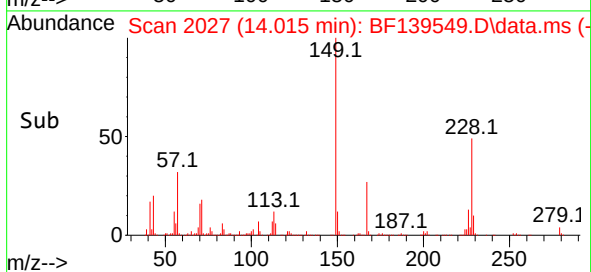
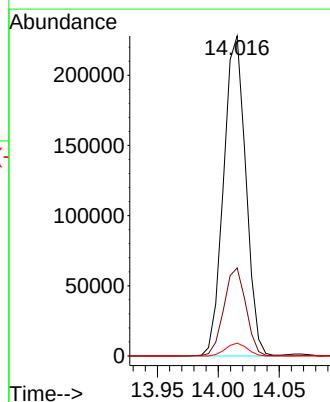
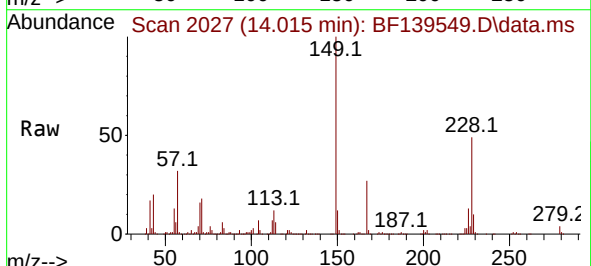
RT: 14.015 min Scan# 2027

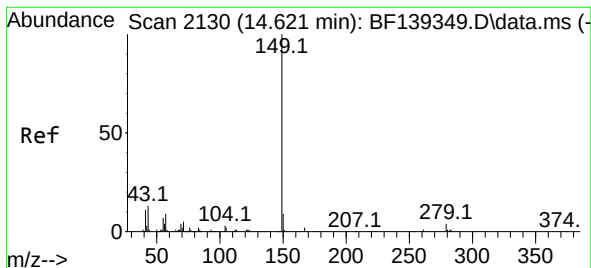
Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:149 Resp: 290221
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.6 32.4
 279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.263 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:149 Resp: 442790

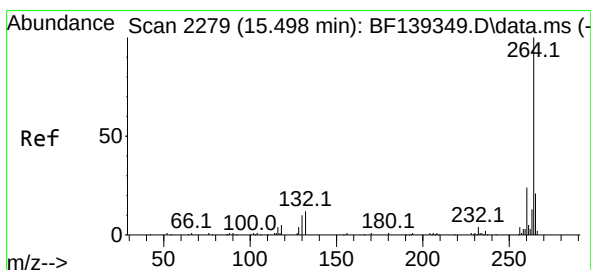
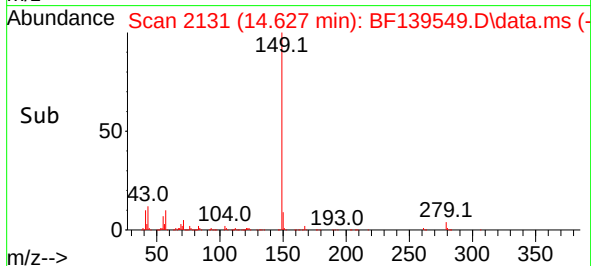
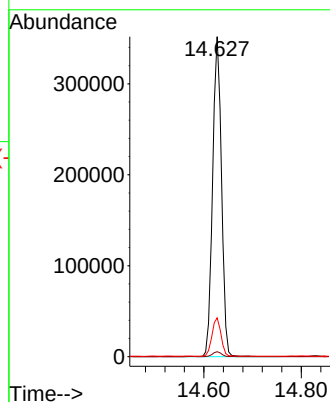
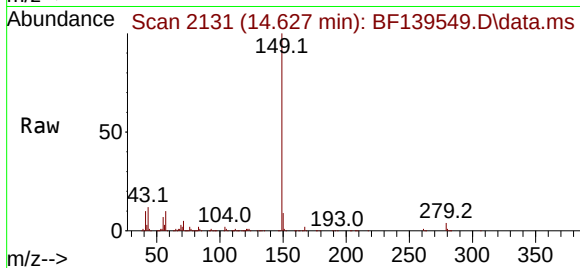
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.1	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

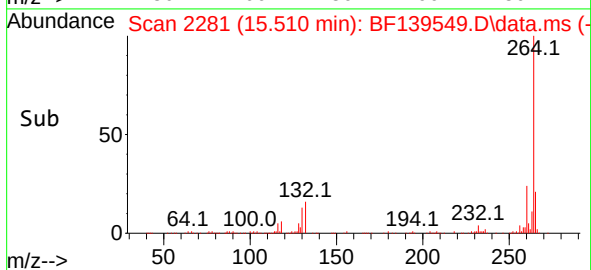
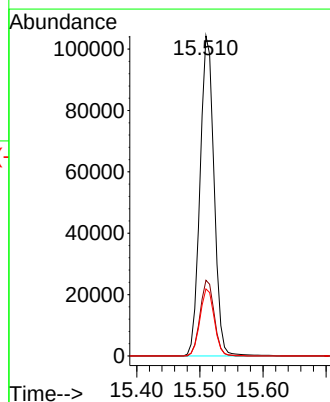
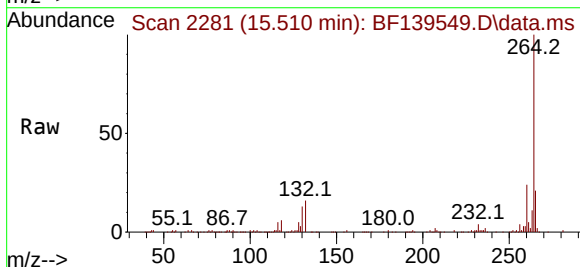
Delta R.T. 0.012 min

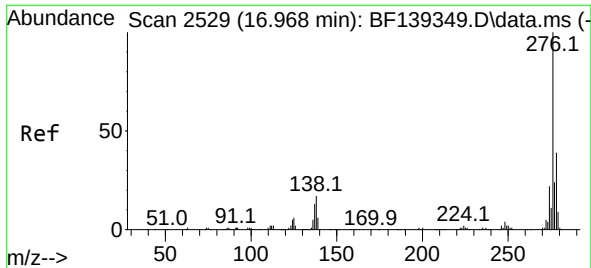
Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Tgt Ion:264 Resp: 160763

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.0	16.6	25.0





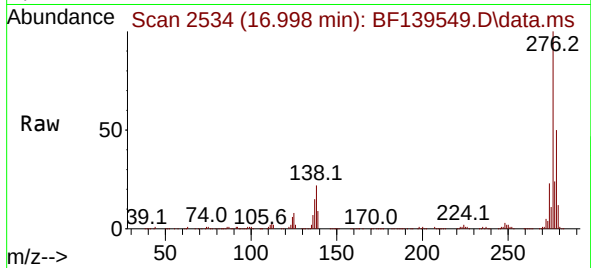
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.749 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

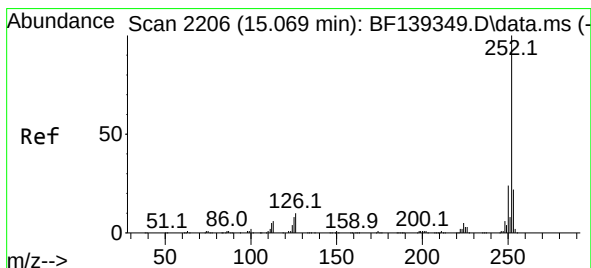
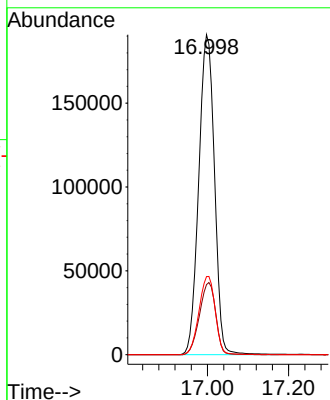
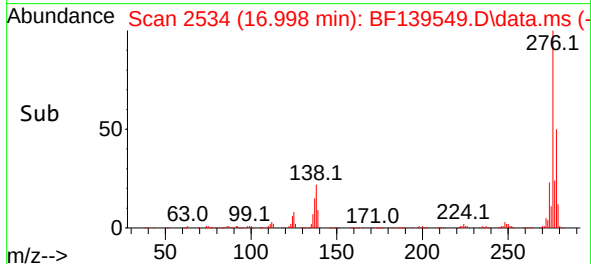


Tgt Ion:276 Resp: 51381
Ion Ratio Lower Upper
276 100
138 23.2 15.4 23.2
277 25.2 20.4 30.6

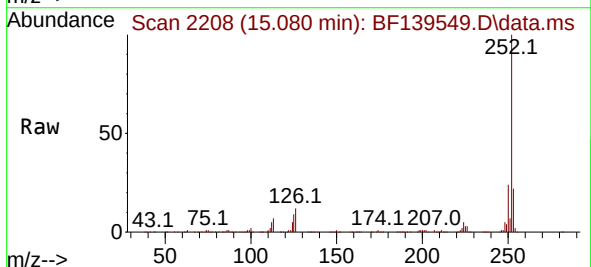
Manual Integrations

APPROVED

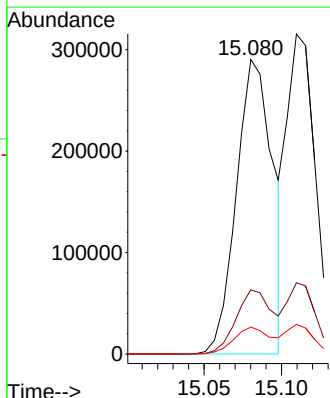
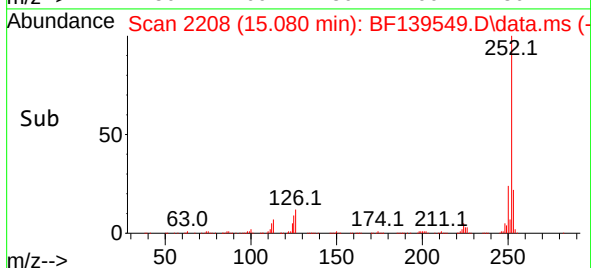
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

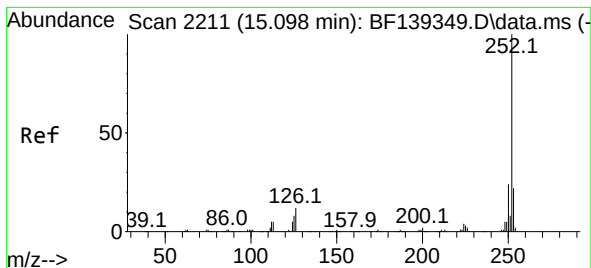


#88
Benzo(b)fluoranthene
Concen: 47.782 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:252 Resp: 473746
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.1 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 44.524 ng

RT: 15.110 min Scan# 2211

Delta R.T. 0.012 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

Instrument :

BNA_F

ClientSampleId :

PB163697BS

Tgt Ion:252 Resp: 407028

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

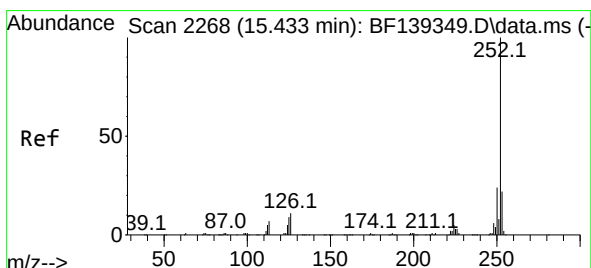
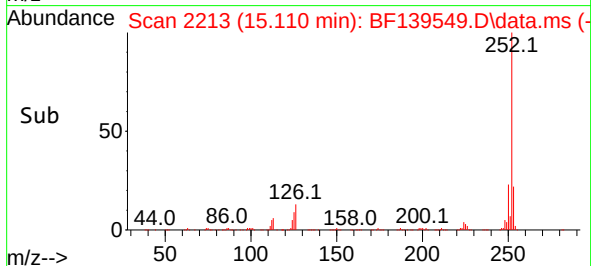
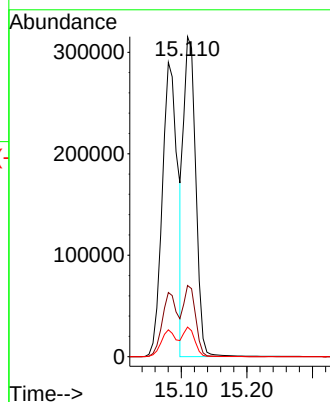
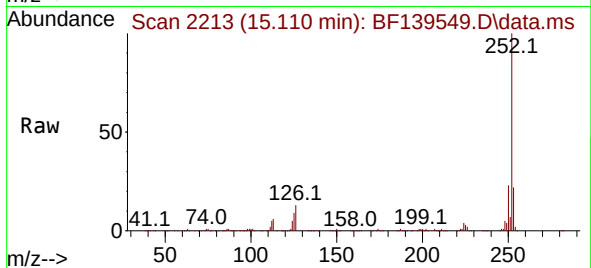
125 9.2 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#90

Benzo(a)pyrene

Concen: 53.005 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139549.D

Acq: 26 Sep 2024 15:59

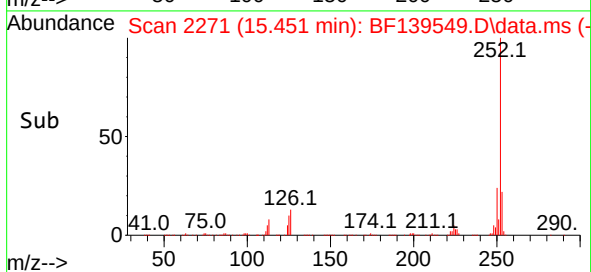
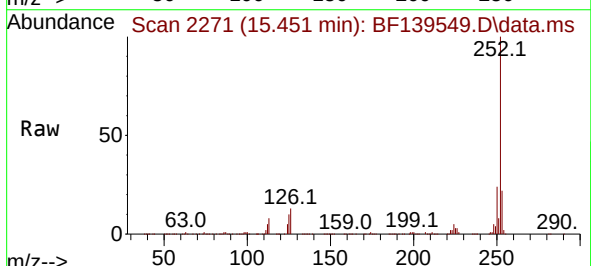
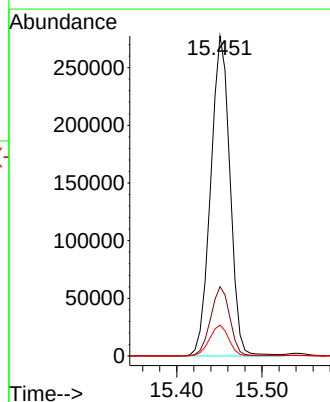
Tgt Ion:252 Resp: 435855

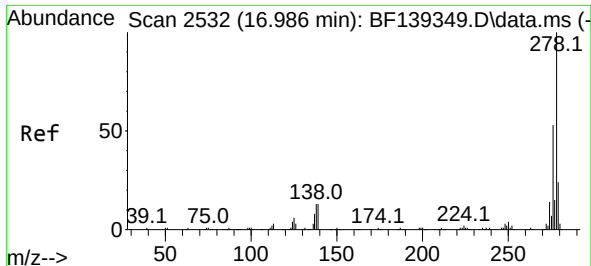
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

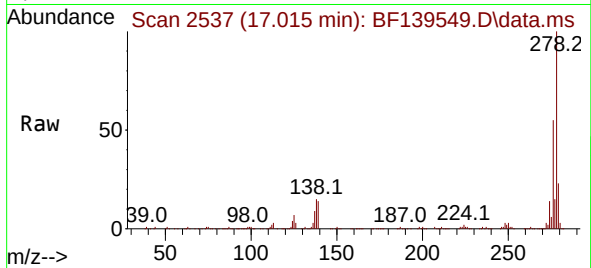
125 9.6 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 53.425 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59

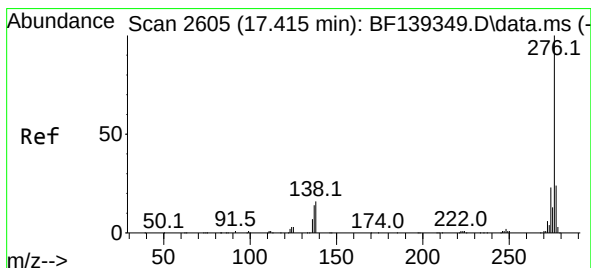
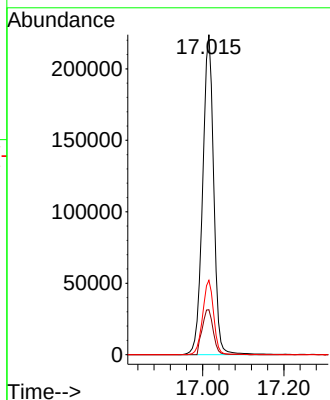
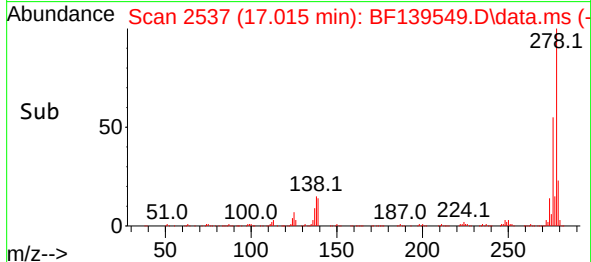
Instrument :
BNA_F
ClientSampleId :
PB163697BS



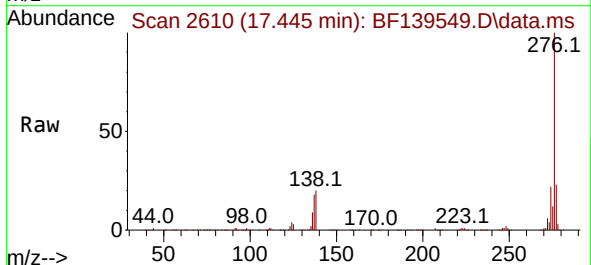
Tgt Ion:278 Resp: 422014
Ion Ratio Lower Upper
278 100
139 14.1 10.2 15.2
279 23.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#92
Benzo(g,h,i)perylene
Concen: 49.842 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.029 min
Lab File: BF139549.D
Acq: 26 Sep 2024 15:59



Tgt Ion:276 Resp: 389824
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 19.9 13.0 19.6#

