

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139599.D
 Acq On : 02 Oct 2024 11:39
 Operator : RC/JU
 Sample : PB163811BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 12:00:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92492	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	356514	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	207013	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	398612	20.000	ng	0.00
76) Chrysene-d12	14.033	240	227777	20.000	ng	0.00
86) Perylene-d12	15.498	264	194700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	815381	152.798	ng	0.01
7) Phenol-d6	6.504	99	1101130	153.441	ng	0.00
23) Nitrobenzene-d5	7.433	82	728642	103.478	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	312088	156.171	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1377531	102.156	ng	0.00
79) Terphenyl-d14	12.980	244	1554708	111.996	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	105251	45.620	ng	99
3) Pyridine	3.493	79	279862	49.877	ng	99
4) n-Nitrosodimethylamine	3.451	42	191756	52.210	ng	98
6) Aniline	6.528	93	346812	54.462	ng	# 77
8) 2-Chlorophenol	6.651	128	312794	54.710	ng	99
9) Benzaldehyde	6.416	77	116880	30.746	ng	98
10) Phenol	6.516	94	407504	54.004	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	311303	50.669	ng	100
12) 1,3-Dichlorobenzene	6.810	146	321112	49.926	ng	99
13) 1,4-Dichlorobenzene	6.886	146	324644	49.837	ng	99
14) 1,2-Dichlorobenzene	7.033	146	314060	51.442	ng	98
15) Benzyl Alcohol	7.010	79	301094	54.913	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	568260	53.427	ng	95
17) 2-Methylphenol	7.122	107	258160	54.088	ng	99
18) Hexachloroethane	7.375	117	122013	50.217	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	241474	52.339	ng	98
20) 3+4-Methylphenols	7.275	107	319396	53.277	ng	94
22) Acetophenone	7.275	105	434744	51.373	ng	99
24) Nitrobenzene	7.451	77	364089	49.933	ng	99
25) Isophorone	7.692	82	655389	52.404	ng	100
26) 2-Nitrophenol	7.769	139	166672	53.172	ng	98
27) 2,4-Dimethylphenol	7.804	122	248516m	64.762	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	389118	52.104	ng	99
29) 2,4-Dichlorophenol	8.010	162	267352	53.414	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	275182	48.615	ng	100
31) Naphthalene	8.175	128	923100	50.641	ng	100
32) Benzoic acid	7.939	122	197201	51.682	ng	98
33) 4-Chloroaniline	8.222	127	162710	26.371	ng	98
34) Hexachlorobutadiene	8.286	225	178674	48.777	ng	99
35) Caprolactam	8.598	113	87675m	53.406	ng	
36) 4-Chloro-3-methylphenol	8.710	107	302151	53.327	ng	99
37) 2-Methylnaphthalene	8.863	142	610767	51.447	ng	99
38) 1-Methylnaphthalene	8.963	142	564440	48.640	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	285529	49.670	ng	99
41) Hexachlorocyclopentadiene	9.016	237	352043	199.726	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	203284	52.458	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	214767	51.391	ng	98
46) 1,1'-Biphenyl	9.327	154	772476	50.171	ng	100
47) 2-Chloronaphthalene	9.351	162	575365	49.847	ng	99
48) 2-Nitroaniline	9.451	65	221879	53.549	ng	99
49) Acenaphthylene	9.769	152	958517	54.604	ng	100
50) Dimethylphthalate	9.633	163	716976	52.908	ng	100
51) 2,6-Dinitrotoluene	9.692	165	158053	51.631	ng	98
52) Acenaphthene	9.939	154	685524m	56.887	ng	
53) 3-Nitroaniline	9.863	138	110197	35.226	ng	98
54) 2,4-Dinitrophenol	9.974	184	187318	113.768	ng	99
55) Dibenzofuran	10.116	168	870342	51.583	ng	100
56) 4-Nitrophenol	10.033	139	255739	107.203	ng	98
57) 2,4-Dinitrotoluene	10.098	165	214697	53.657	ng	98
58) Fluorene	10.457	166	684464	50.932	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	183171	54.267	ng	100
60) Diethylphthalate	10.333	149	744276	53.174	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	336638	50.071	ng	99
62) 4-Nitroaniline	10.480	138	166971	52.181	ng	99
63) Azobenzene	10.610	77	750762	53.336	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	120351	53.459	ng	97
66) n-Nitrosodiphenylamine	10.569	169	615392	52.375	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	207315	50.726	ng	99
68) Hexachlorobenzene	11.004	284	228097	50.296	ng	98
69) Atrazine	11.098	200	202789	64.327	ng	99
70) Pentachlorophenol	11.198	266	262609	97.247	ng	99
71) Phenanthrene	11.421	178	990570	52.704	ng	100
72) Anthracene	11.468	178	1013847	54.526	ng	100
73) Carbazole	11.627	167	924076	51.744	ng	100
74) Di-n-butylphthalate	11.951	149	1167404	53.757	ng	100
75) Fluoranthene	12.604	202	1082500	52.688	ng	100
77) Benzidine	12.727	184	432163	107.564	ng	99
78) Pyrene	12.839	202	1085535	53.285	ng	99
80) Butylbenzylphthalate	13.451	149	421640	57.862	ng	100
81) Benzo(a)anthracene	14.021	228	837383	55.917	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	172924	37.730	ng	99
83) Chrysene	14.062	228	697272	50.928	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	541756	59.539	ng	99
85) Di-n-octyl phthalate	14.621	149	774758	57.957	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	668005	58.292	ng	99
88) Benzo(b)fluoranthene	15.074	252	622970	49.485	ng	100
89) Benzo(k)fluoranthene	15.104	252	611708	57.282	ng	100
90) Benzo(a)pyrene	15.439	252	576420	58.069	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	558324	58.742	ng	99
92) Benzo(g,h,i)perylene	17.427	276	509666	53.467	ng	100

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

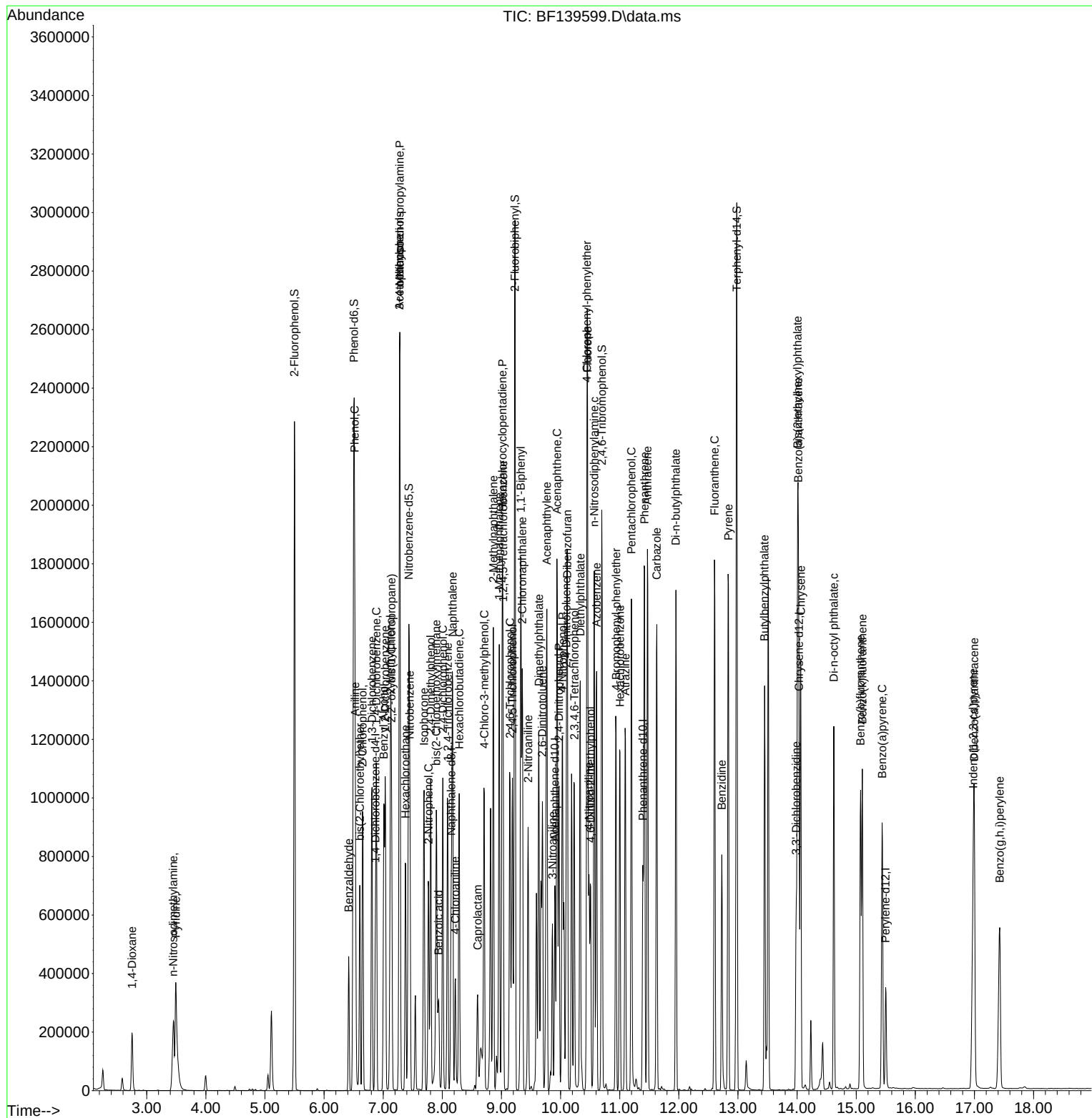
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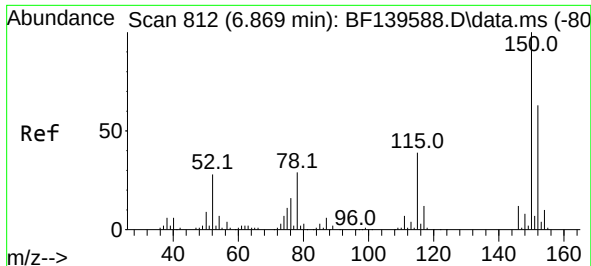
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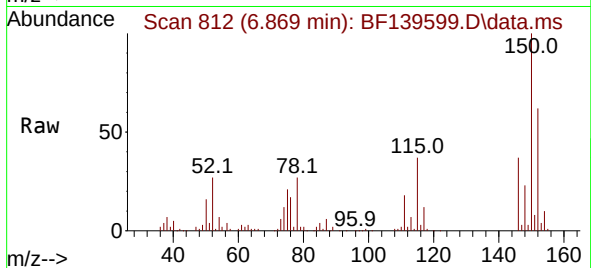
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

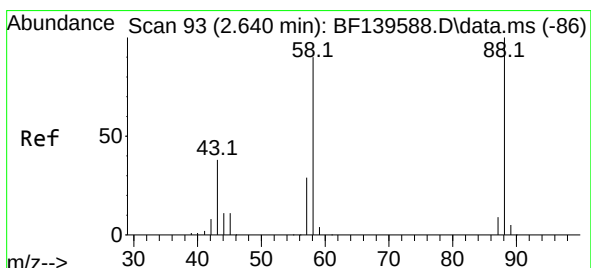
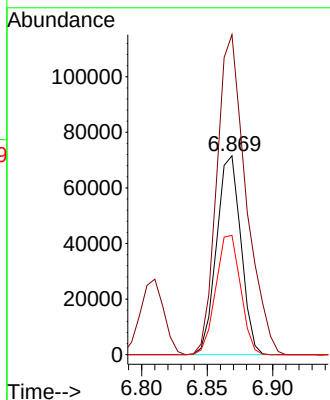
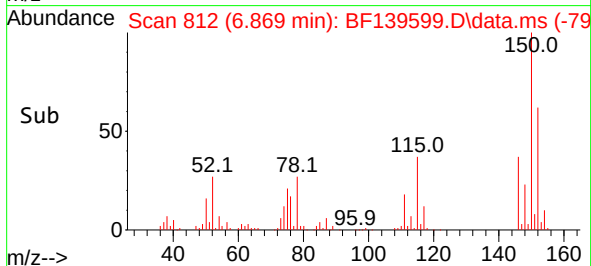
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:152 Resp: 92492
Ion Ratio Lower Upper
152 100
150 160.8 127.2 190.8
115 60.0 49.0 73.4

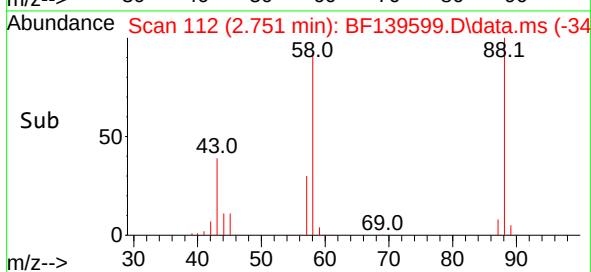
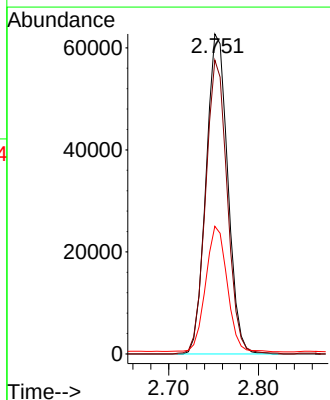
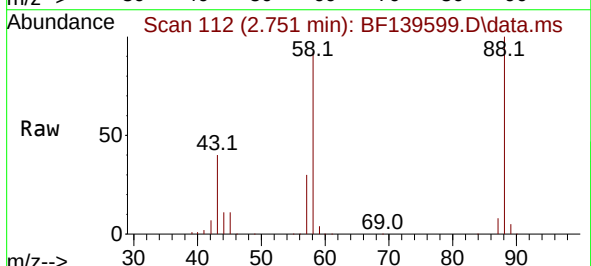
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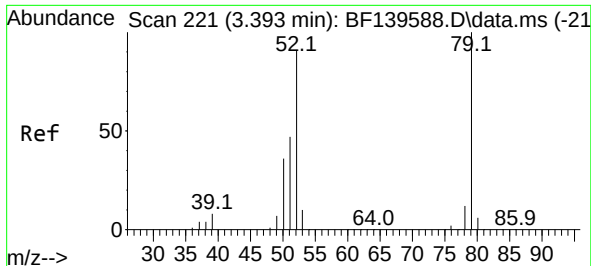
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#2
1,4-Dioxane
Concen: 45.620 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.112 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion: 88 Resp: 105251
Ion Ratio Lower Upper
88 100
58 91.4 72.0 108.0
43 39.0 30.8 46.2





#3

Pyridine

Concen: 49.877 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.100 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion: 79 Resp: 27986

Ion Ratio Lower Upper

79 100

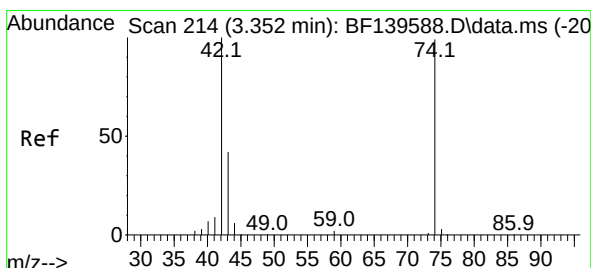
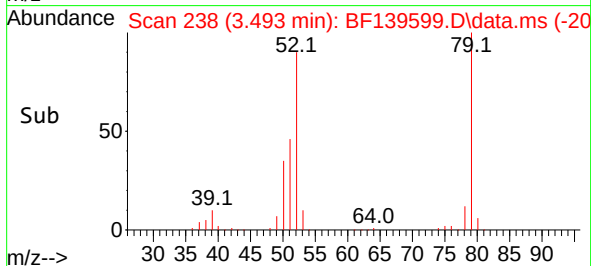
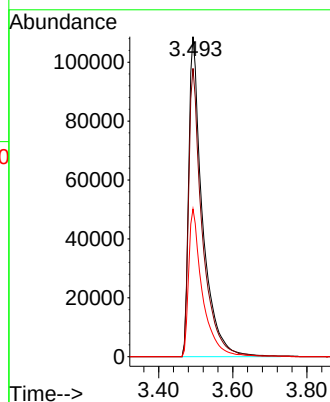
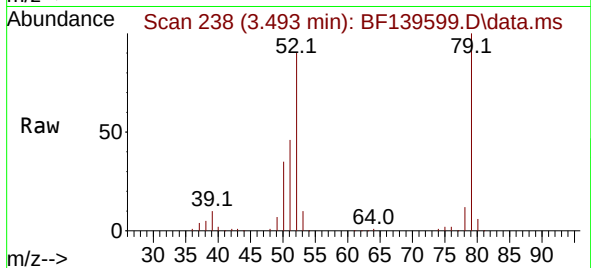
52 90.1 72.6 109.0

51 46.2 37.5 56.3

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#4

n-Nitrosodimethylamine

Concen: 52.210 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

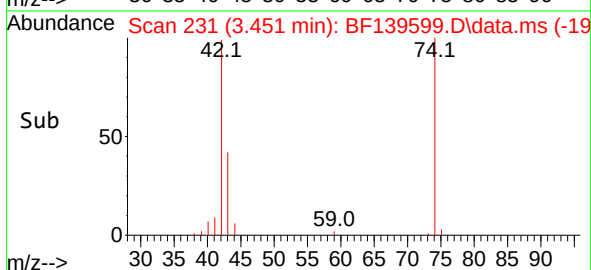
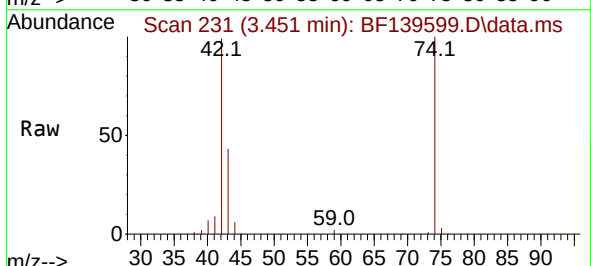
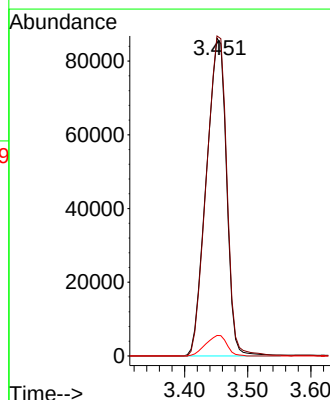
Tgt Ion: 42 Resp: 191756

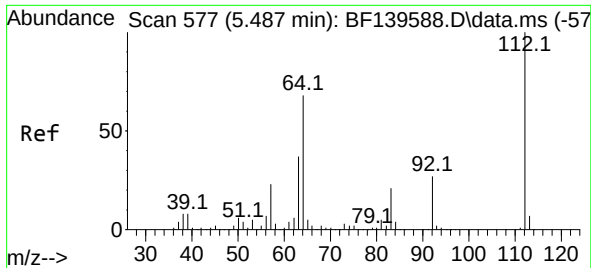
Ion Ratio Lower Upper

42 100

74 100.7 79.0 118.6

44 6.5 5.2 7.8





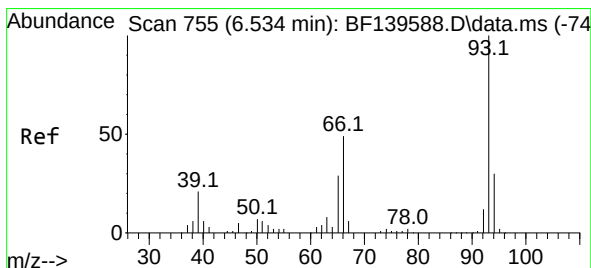
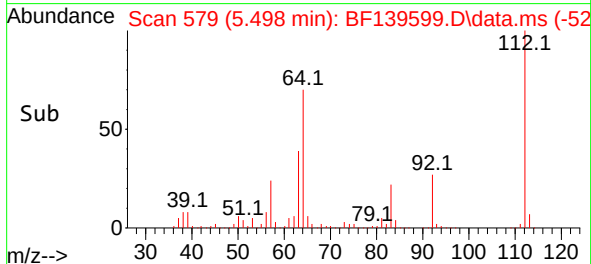
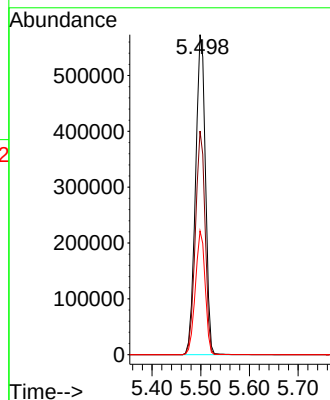
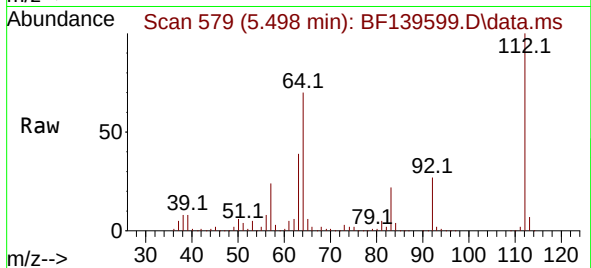
#5
2-Fluorophenol
Concen: 152.798 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

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ClientSampleId :
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Tgt Ion:112 Resp: 81538
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 38.7 29.4 44.2

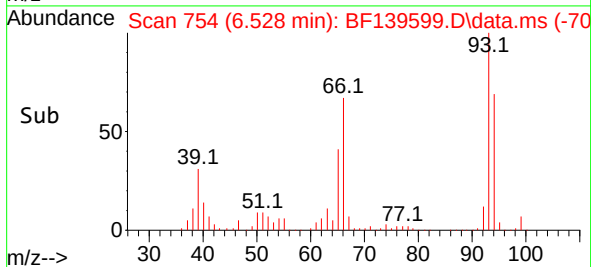
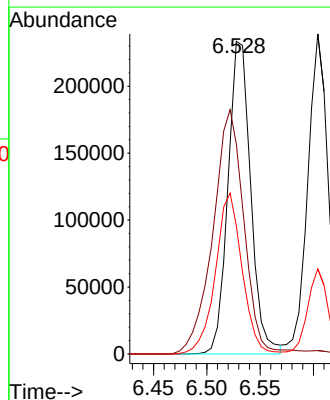
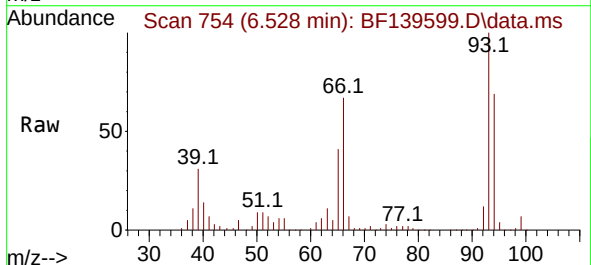
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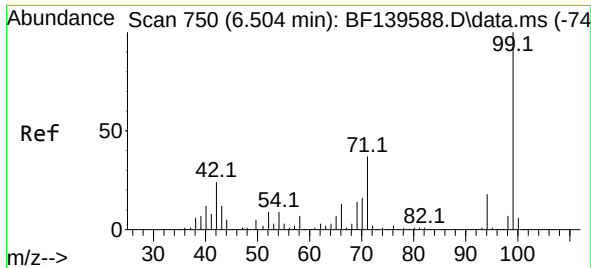
Reviewed By :Jagrut Upadhyay 10/03/2024
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#6
Aniline
Concen: 54.462 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

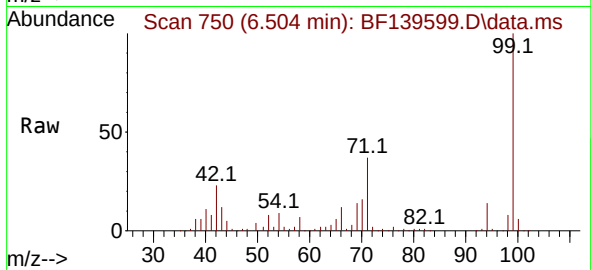
Tgt Ion: 93 Resp: 346812
Ion Ratio Lower Upper
93 100
66 67.1 40.9 61.3#
65 41.0 23.3 34.9#





#7
Phenol-d6
Concen: 153.441 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

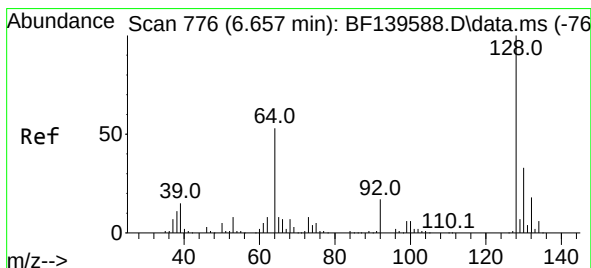
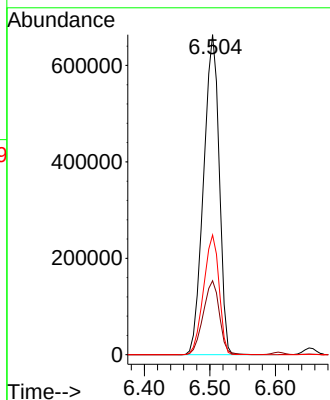
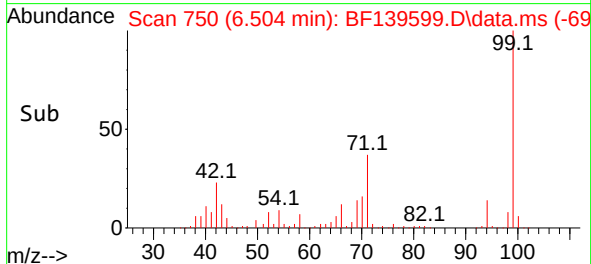
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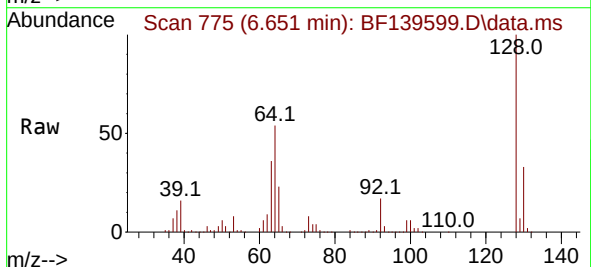
Tgt Ion: 99 Resp: 1101130
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 37.4 29.7 44.5

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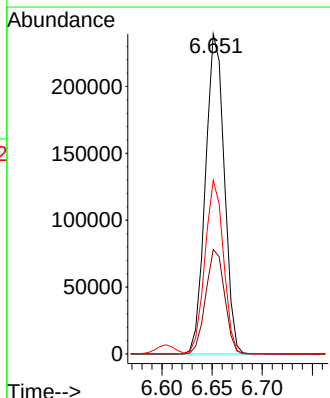
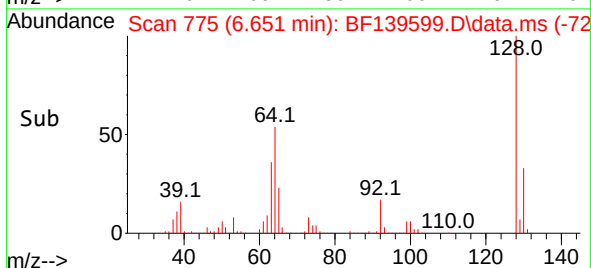
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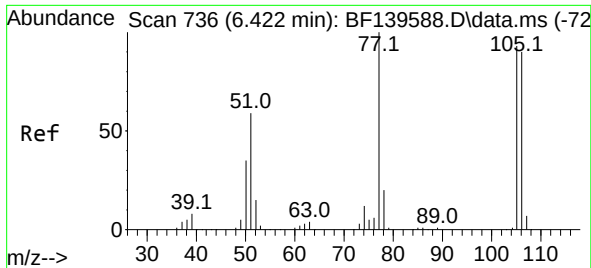


#8
2-Chlorophenol
Concen: 54.710 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion:128 Resp: 312794
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 54.3 35.1 75.1





#9
Benzaldehyde
Concen: 30.746 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

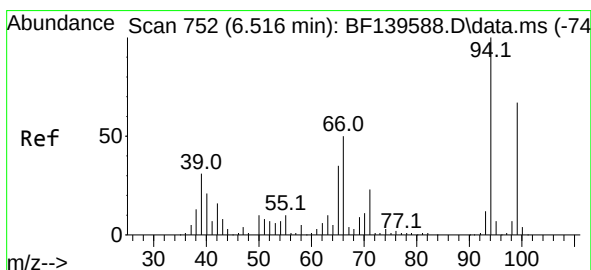
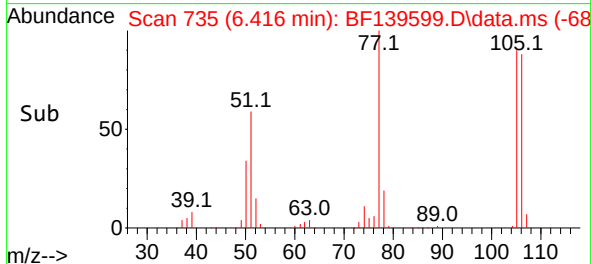
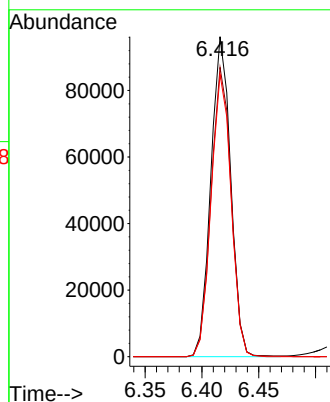
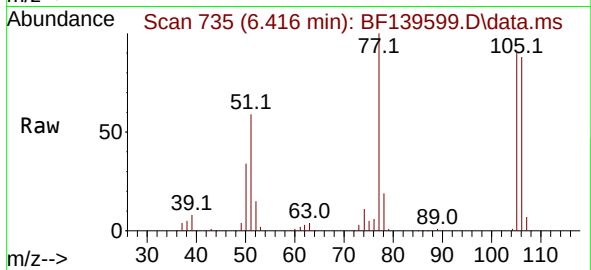
PB163811BS

Tgt Ion: 77 Resp: 116880
Ion Ratio Lower Upper
77 100
105 90.4 72.7 112.7
106 88.2 70.1 110.1

Manual Integrations

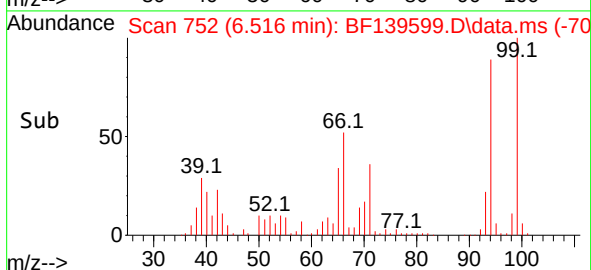
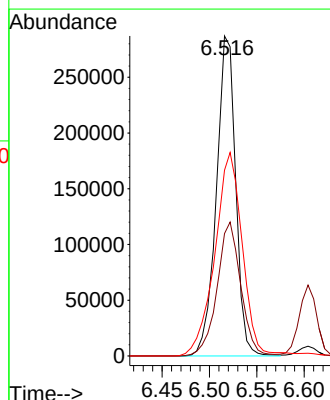
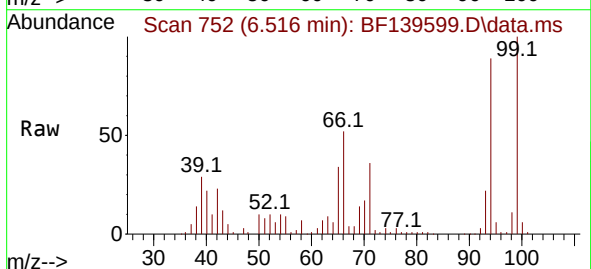
APPROVED

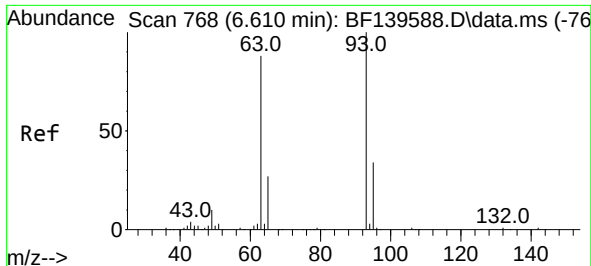
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#10
Phenol
Concen: 54.004 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion: 94 Resp: 407504
Ion Ratio Lower Upper
94 100
65 38.3 15.3 55.3
66 58.1 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 50.669 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

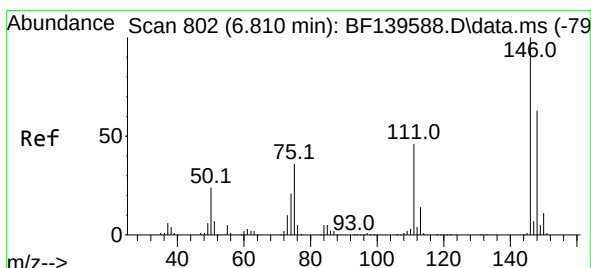
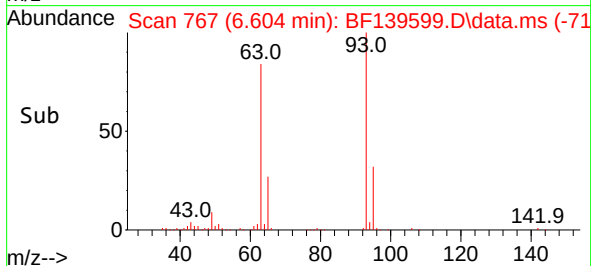
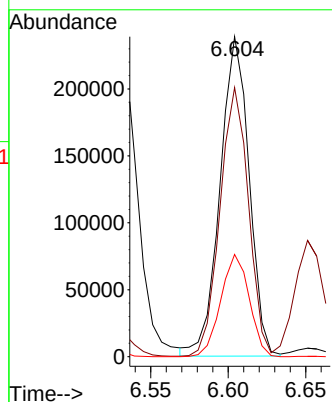
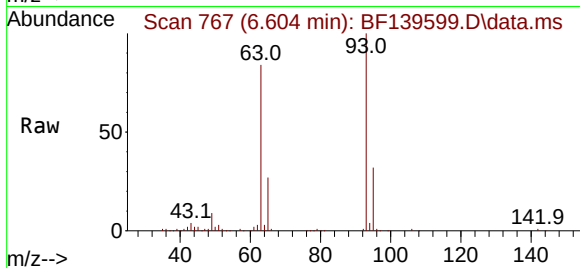
PB163811BS

Tgt Ion: 93 Resp: 31130
Ion Ratio Lower Upper
93 100
63 84.1 64.1 104.1
95 31.9 12.3 52.3

Manual Integrations

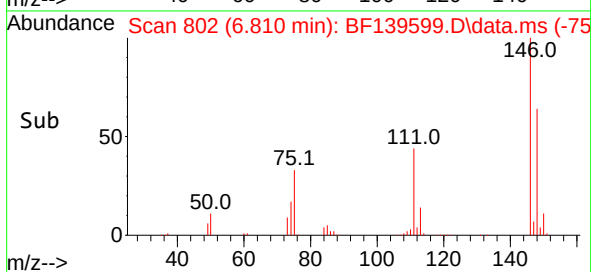
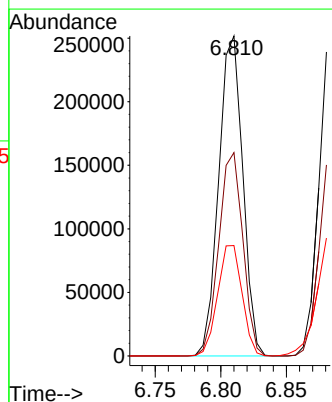
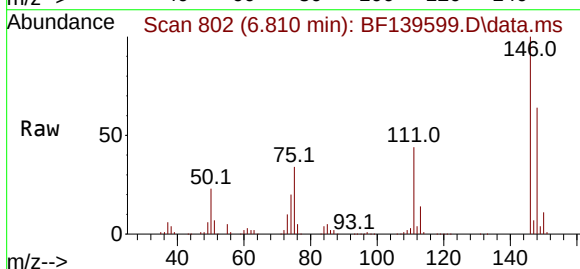
APPROVED

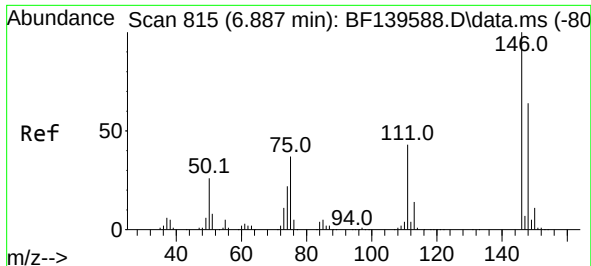
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#12
1,3-Dichlorobenzene
Concen: 49.926 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:146 Resp: 321112
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 34.5 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 49.837 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

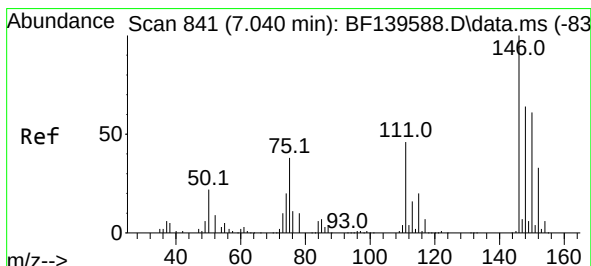
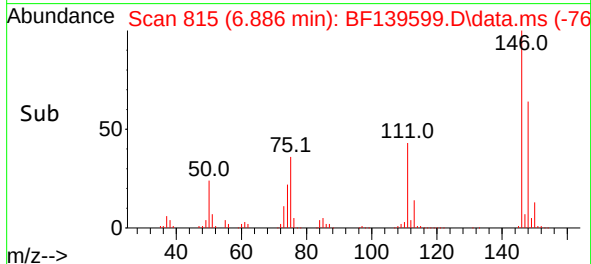
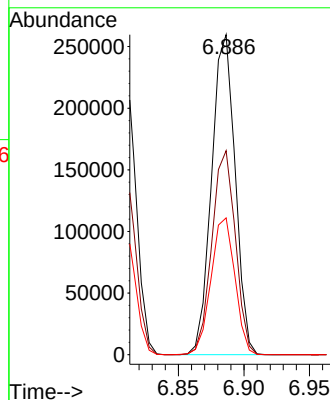
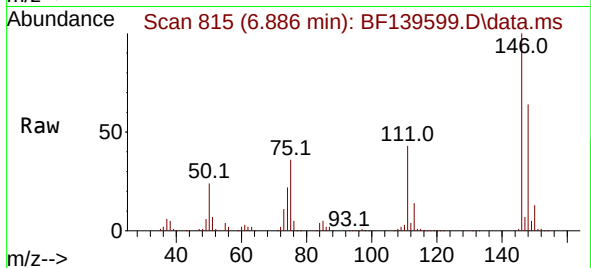
PB163811BS

Tgt Ion:146 Resp: 324644
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 42.8 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024



#14

1,2-Dichlorobenzene

Concen: 51.442 ng

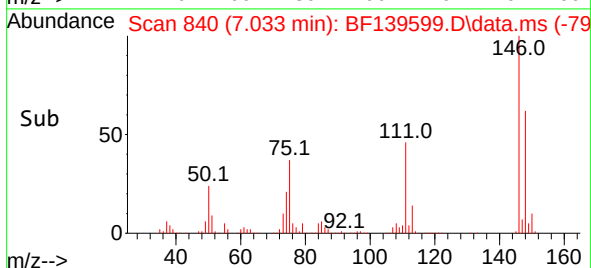
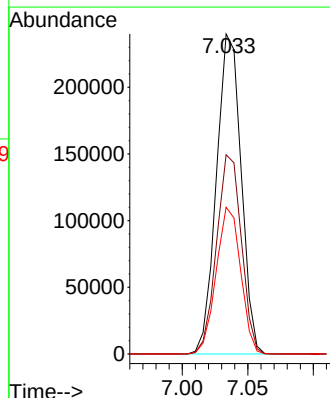
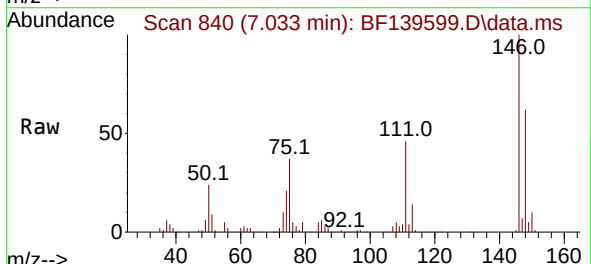
RT: 7.033 min Scan# 840

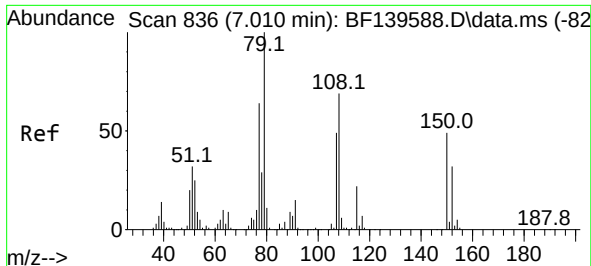
Delta R.T. -0.006 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

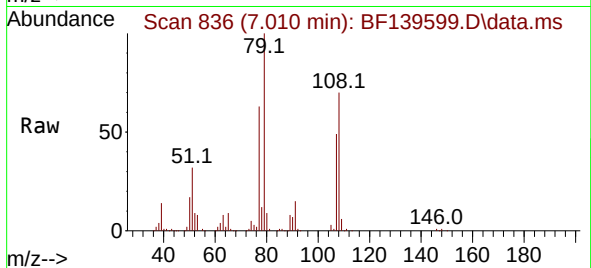
Tgt Ion:146 Resp: 314060
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.2 76.8
 111 45.9 37.0 55.6





#15
Benzyl Alcohol
Concen: 54.913 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

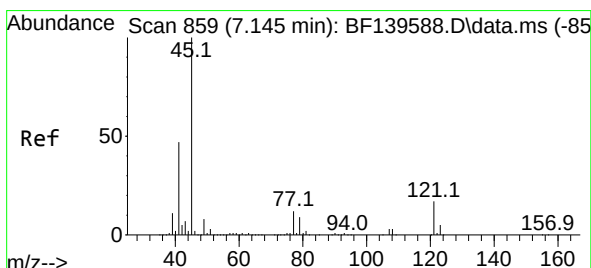
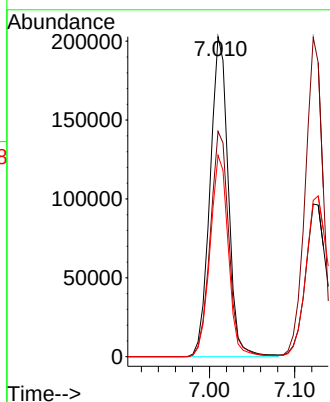
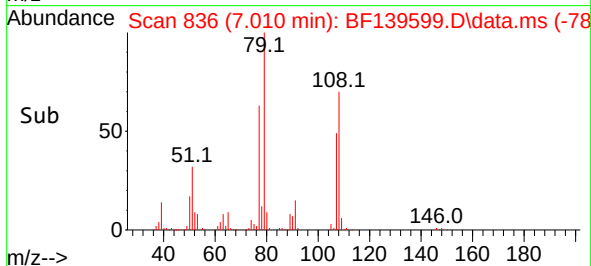
Instrument :
BNA_F
ClientSampleId :
PB163811BS



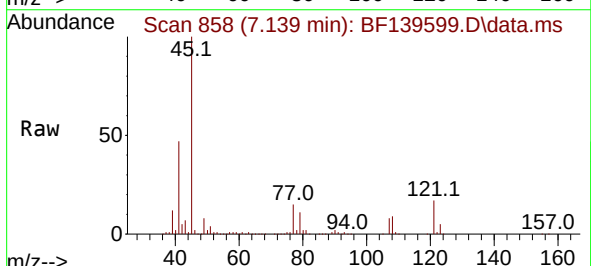
Tgt Ion: 79 Resp: 301094
Ion Ratio Lower Upper
79 100
108 70.4 55.1 82.7
77 62.9 50.8 76.2

Manual Integrations
APPROVED

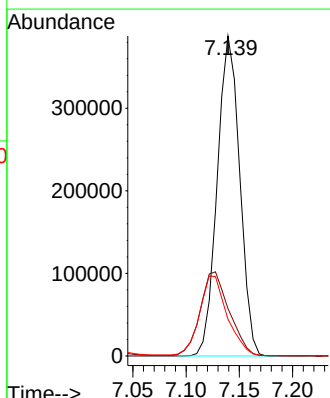
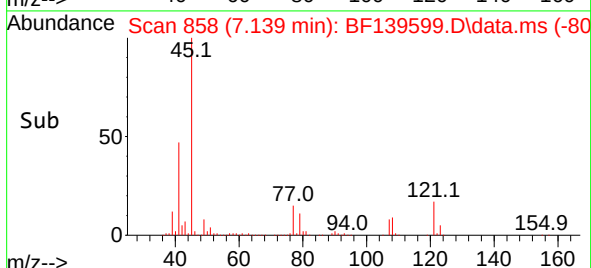
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

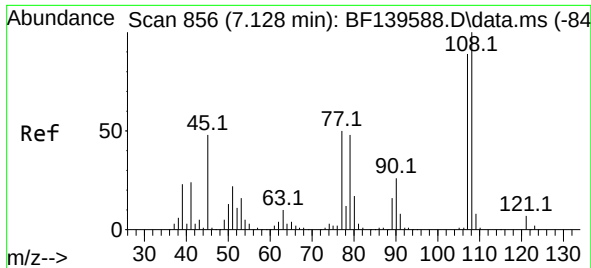


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.427 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion: 45 Resp: 568260
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.5
79 11.5 0.0 29.7





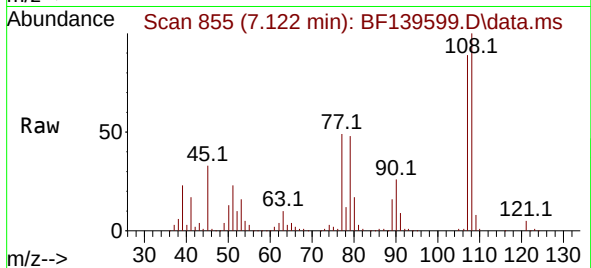
#17
2-Methylphenol
Concen: 54.088 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

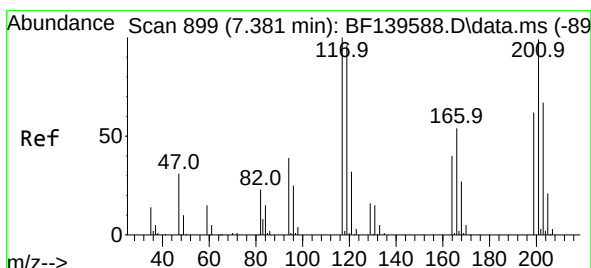
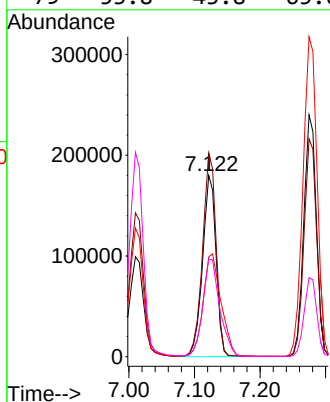
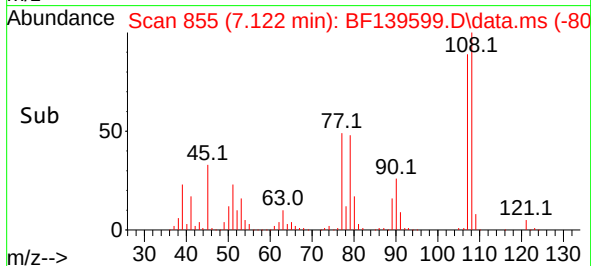


Tgt Ion:107 Resp: 258160
Ion Ratio Lower Upper
107 100
108 112.5 89.8 134.6
77 55.1 44.6 67.0
79 53.8 43.8 65.6

Manual Integrations

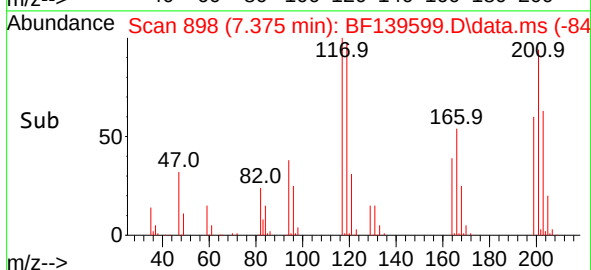
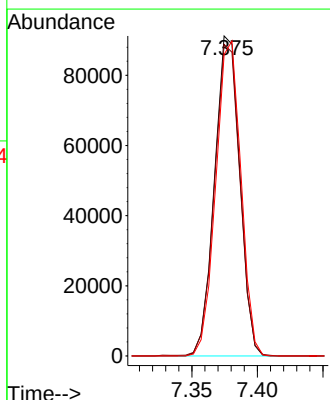
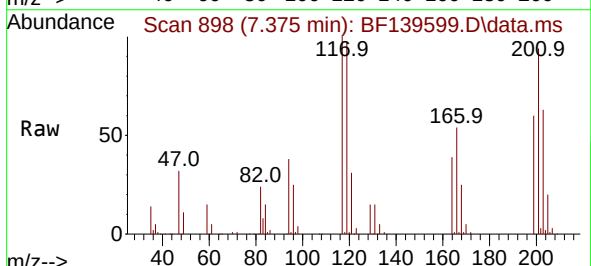
APPROVED

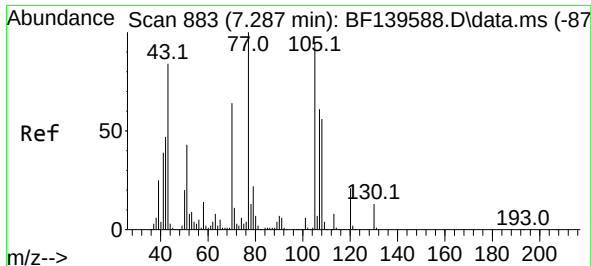
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#18
Hexachloroethane
Concen: 50.217 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

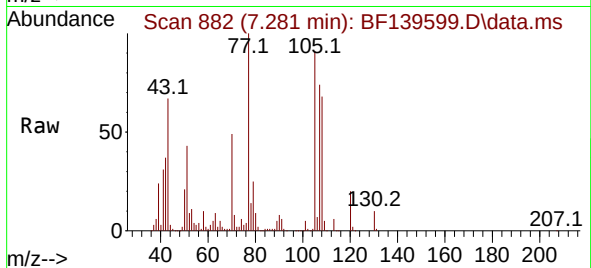
Tgt Ion:117 Resp: 122013
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6
201 94.2 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.339 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

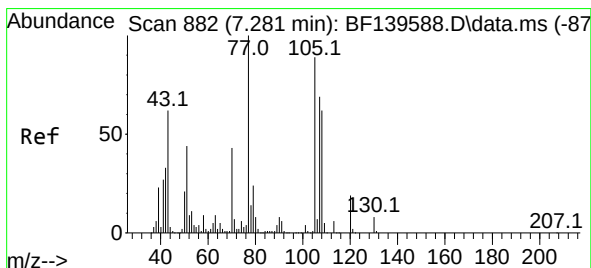
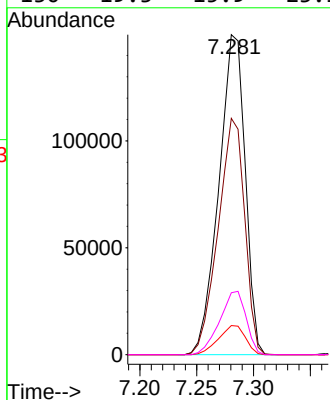
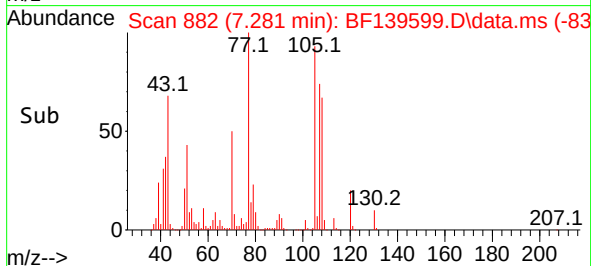
Instrument :
BNA_F
ClientSampleId :
PB163811BS



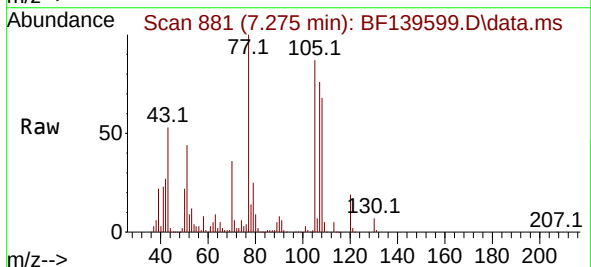
Tgt Ion: 70 Resp: 241474
Ion Ratio Lower Upper
70 100
42 73.8 58.0 87.0
101 9.1 7.8 11.8
130 19.3 15.9 23.9

Manual Integrations
APPROVED

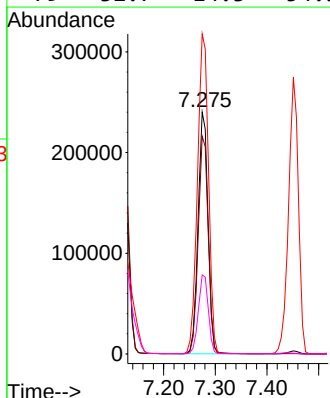
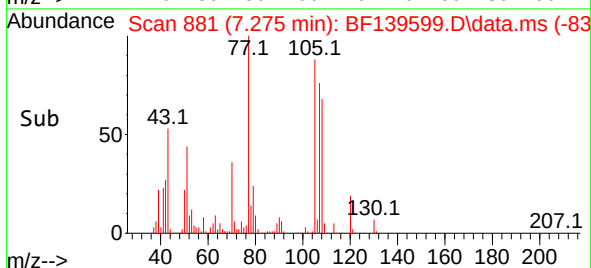
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

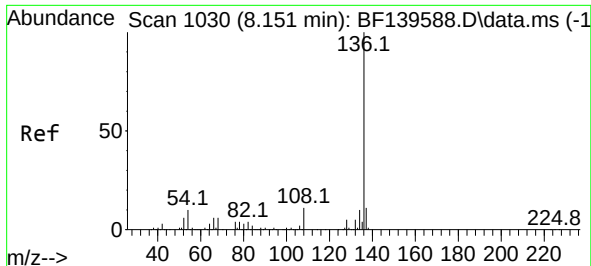


#20
3+4-Methylphenols
Concen: 53.277 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion:107 Resp: 319396
Ion Ratio Lower Upper
107 100
108 90.0 70.2 110.2
77 132.3 125.3 165.3
79 32.7 14.3 54.3





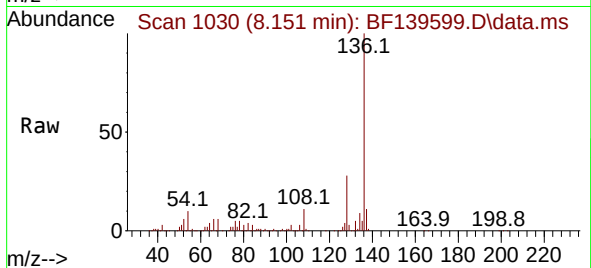
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

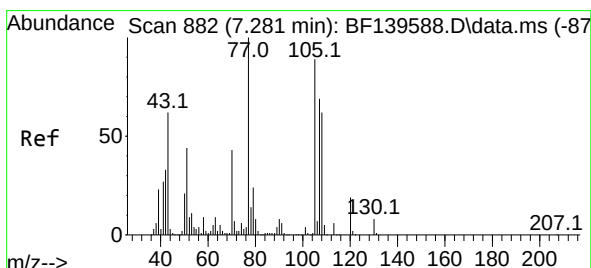
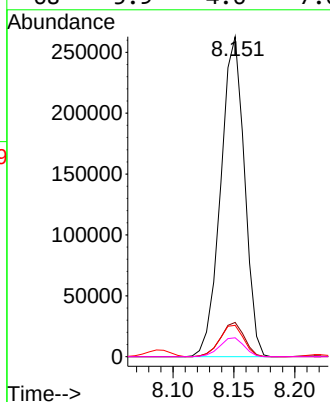
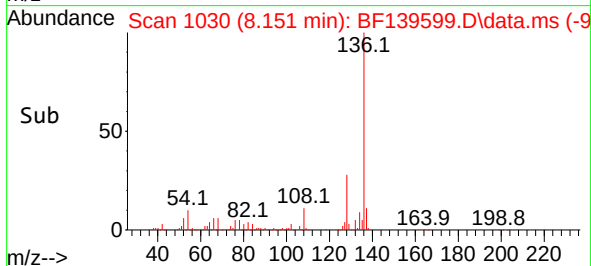


Tgt Ion:136 Resp: 356514
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 5.9 4.6 7.0

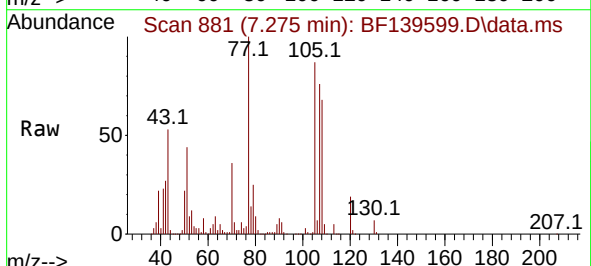
Manual Integrations

APPROVED

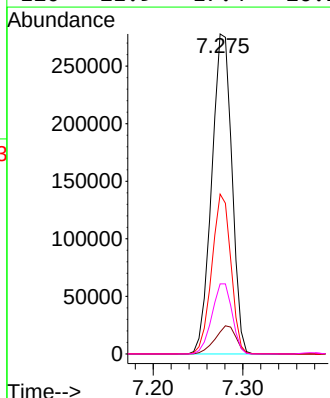
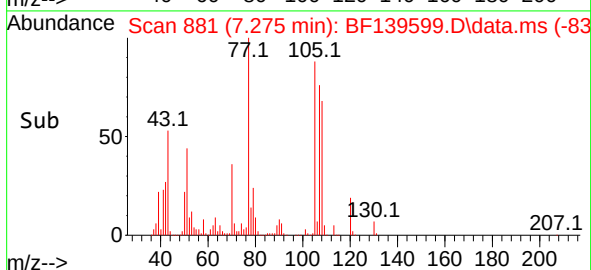
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

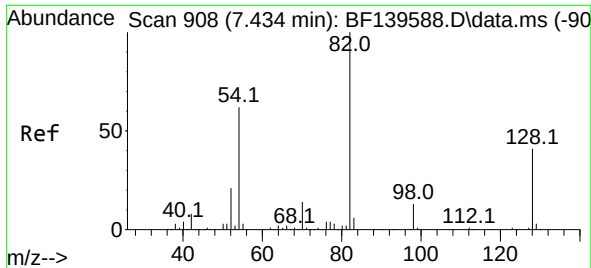


#22
Acetophenone
Concen: 51.373 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion:105 Resp: 434744
Ion Ratio Lower Upper
105 100
71 6.8 6.6 10.0
51 49.9 39.4 59.0
120 21.9 17.4 26.2





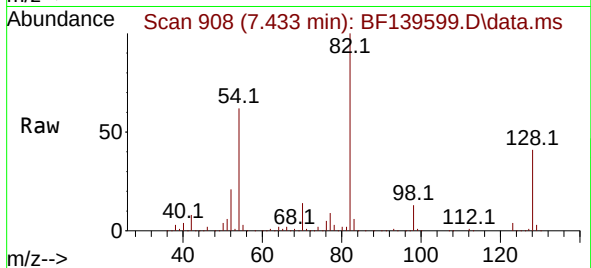
#23
Nitrobenzene-d5
Concen: 103.478 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

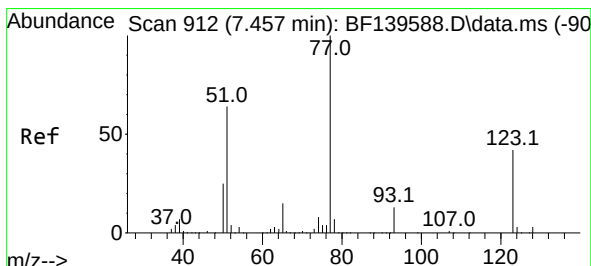
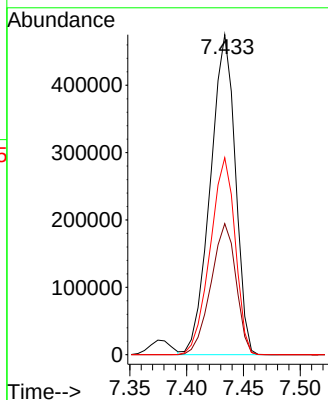
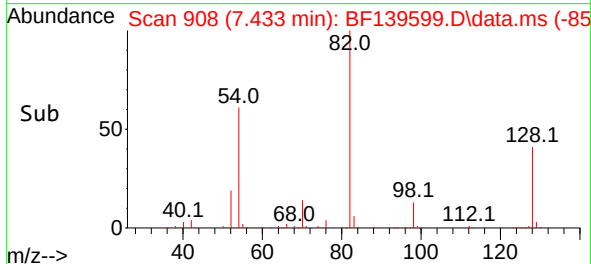


Tgt Ion: 82 Resp: 72864
Ion Ratio Lower Upper
82 100
128 40.9 32.4 48.6
54 61.6 49.1 73.7

Manual Integrations

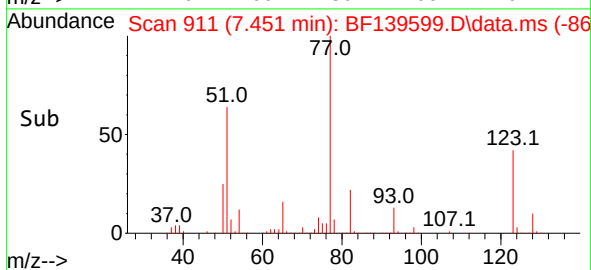
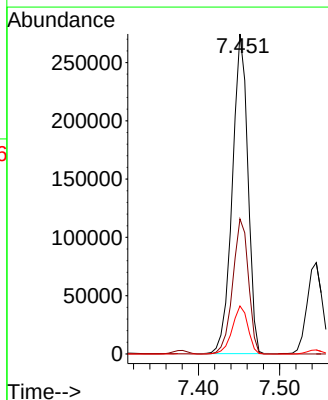
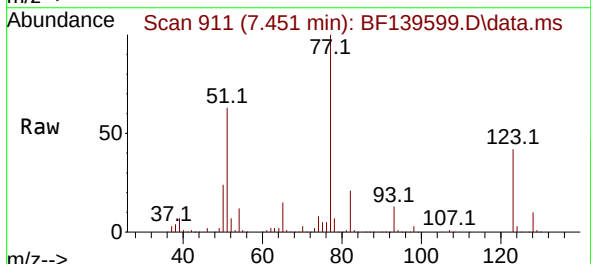
APPROVED

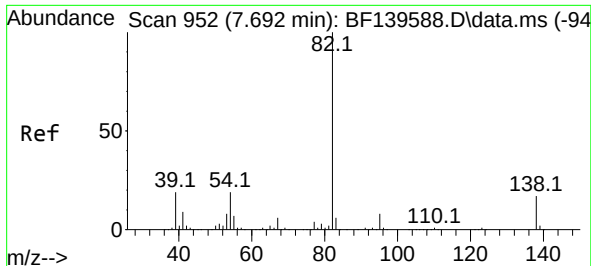
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#24
Nitrobenzene
Concen: 49.933 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

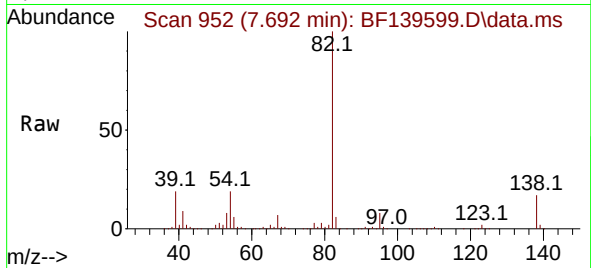
Tgt Ion: 77 Resp: 364089
Ion Ratio Lower Upper
77 100
123 42.2 34.2 51.4
65 15.0 12.1 18.1





#25
Isophorone
Concen: 52.404 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

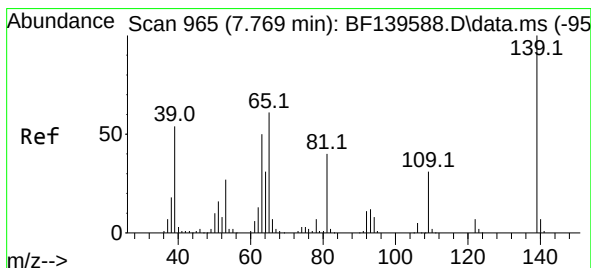
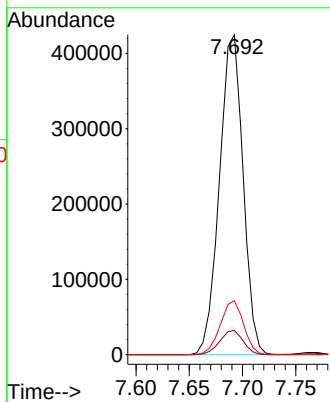
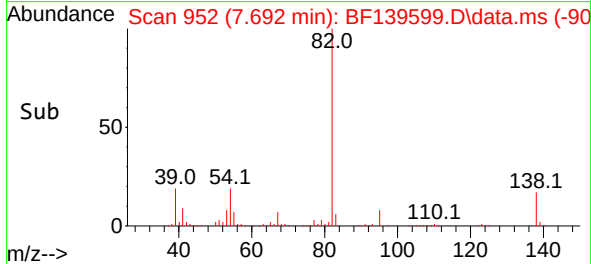
Instrument :
BNA_F
ClientSampleId :
PB163811BS



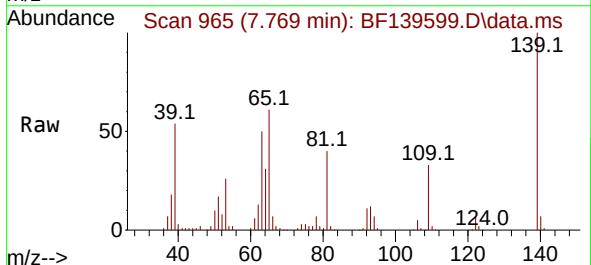
Tgt Ion: 82 Resp: 655389
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.9 13.4 20.2

Manual Integrations
APPROVED

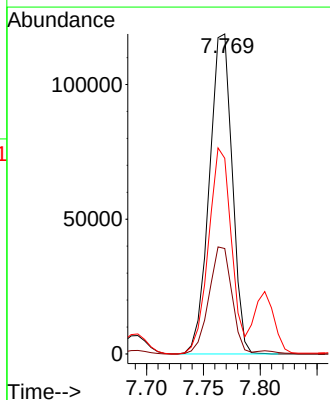
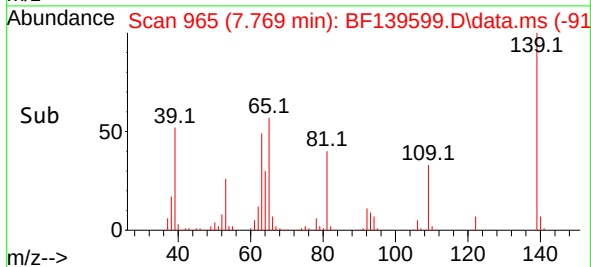
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

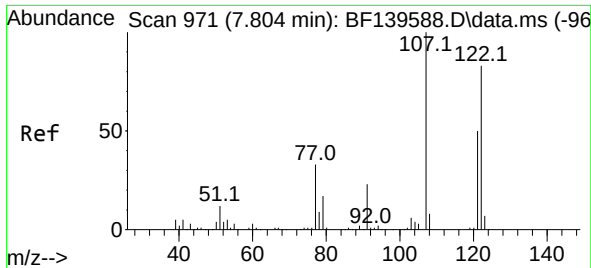


#26
2-Nitrophenol
Concen: 53.172 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion:139 Resp: 166672
Ion Ratio Lower Upper
139 100
109 32.9 24.9 37.3
65 61.1 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 64.762 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

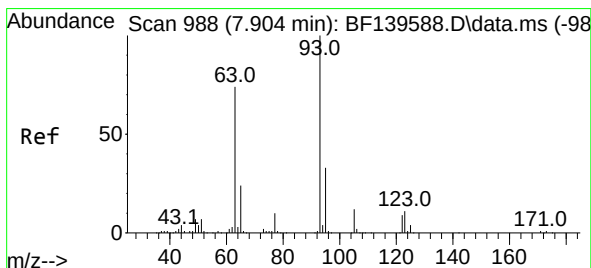
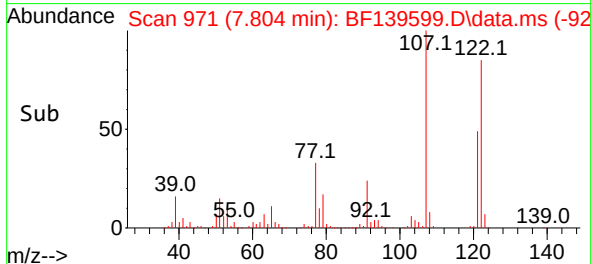
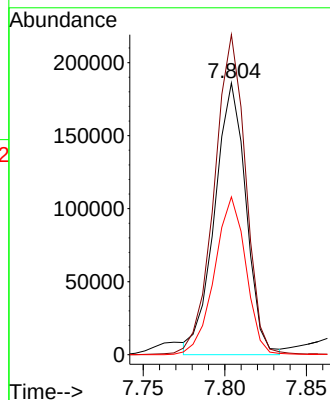
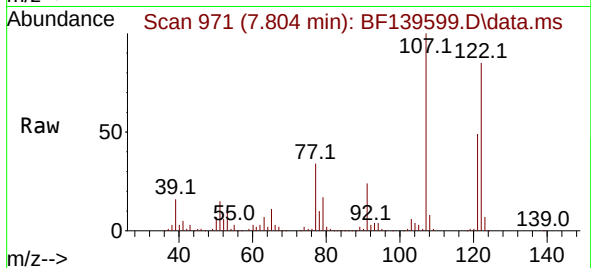
PB163811BS

Tgt Ion:122 Resp: 248510
Ion Ratio Lower Upper
122 100
107 117.8 95.4 143.0
121 58.1 47.4 71.2

Manual Integrations

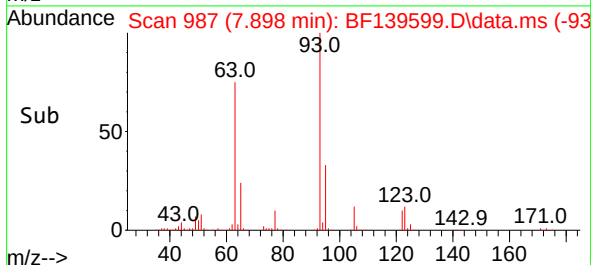
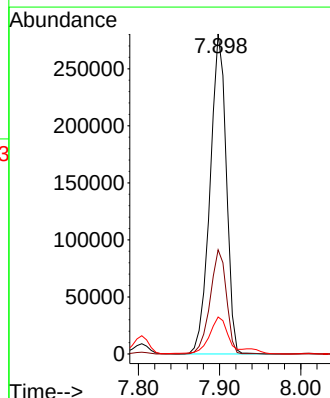
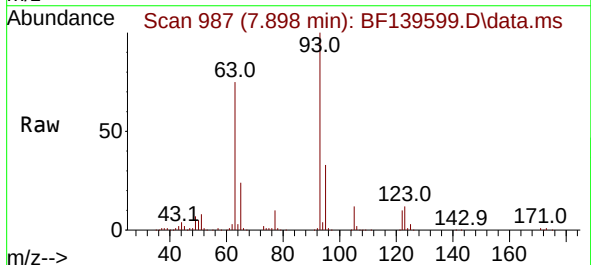
APPROVED

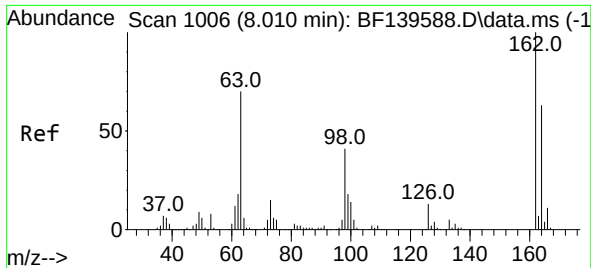
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.104 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion: 93 Resp: 389118
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.414 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

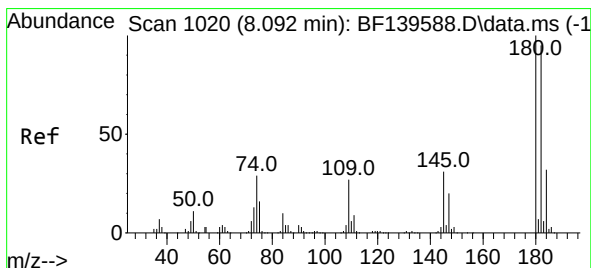
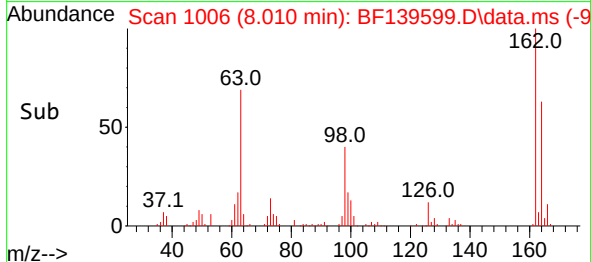
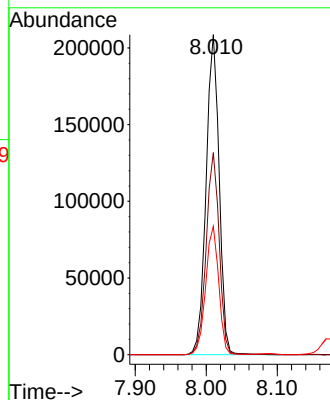
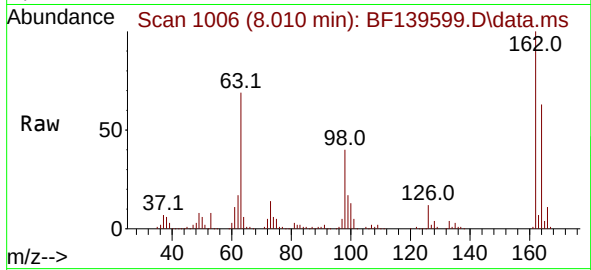
PB163811BS

Tgt Ion:162	Resp: 26735
Ion Ratio	Lower Upper
162 100	
164 63.1	43.1 83.1
98 40.1	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.615 ng

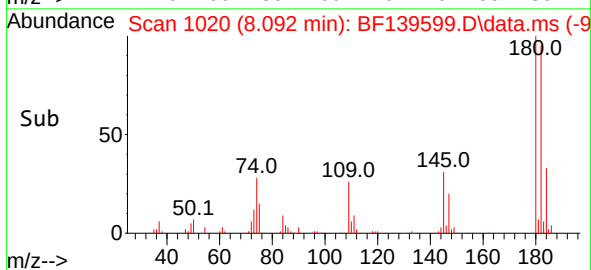
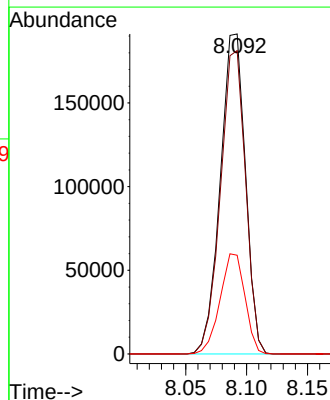
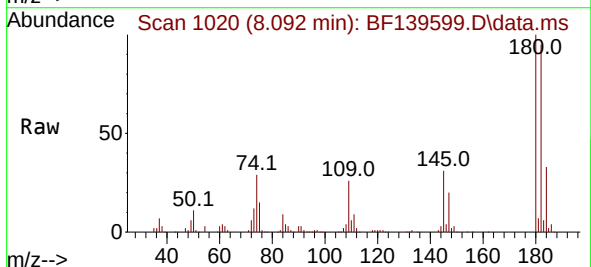
RT: 8.092 min Scan# 1020

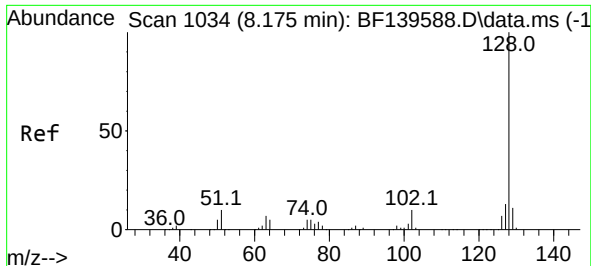
Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Tgt Ion:180	Resp: 275182
Ion Ratio	Lower Upper
180 100	
182 94.8	76.0 114.0
145 30.8	25.0 37.6





#31
Naphthalene
Concen: 50.641 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

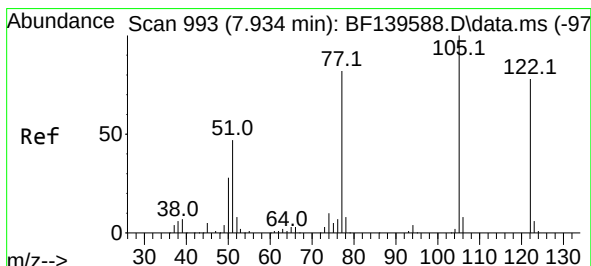
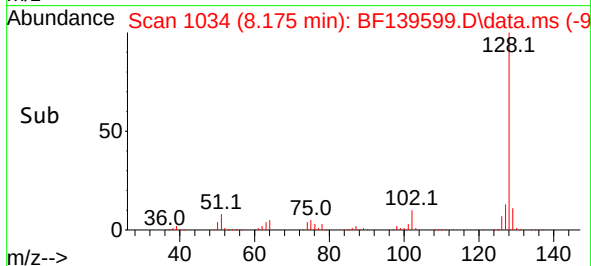
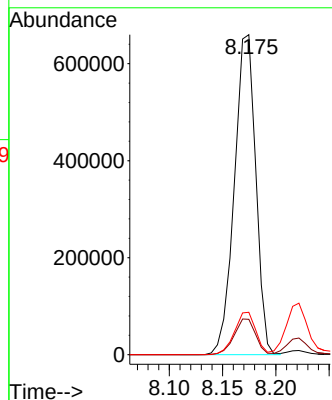
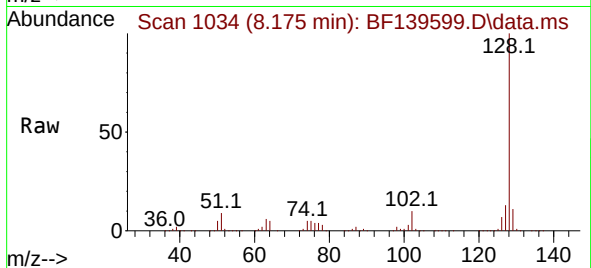
PB163811BS

Tgt Ion:128 Resp: 923100
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.5 15.7

Manual Integrations

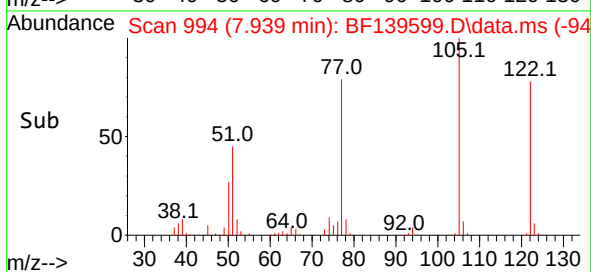
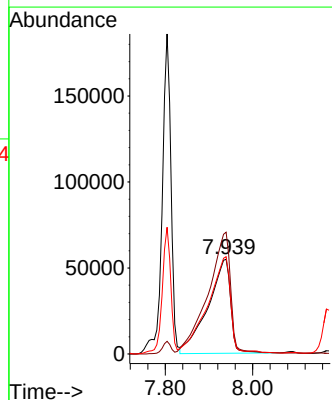
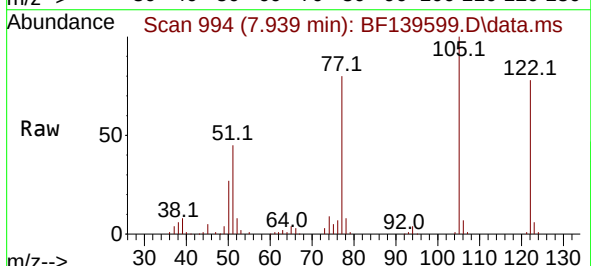
APPROVED

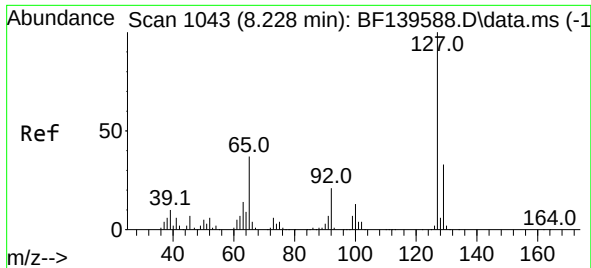
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#32
Benzoic acid
Concen: 51.682 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:122 Resp: 197201
Ion Ratio Lower Upper
122 100
105 128.4 104.9 144.9
77 102.6 82.7 122.7





#33
4-Chloroaniline
Concen: 26.371 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

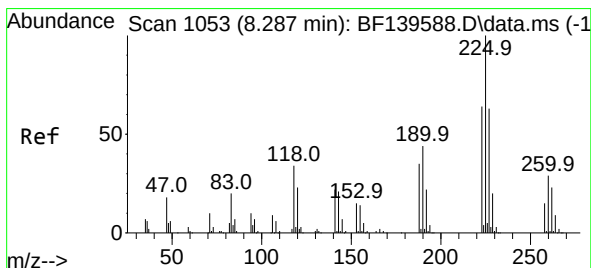
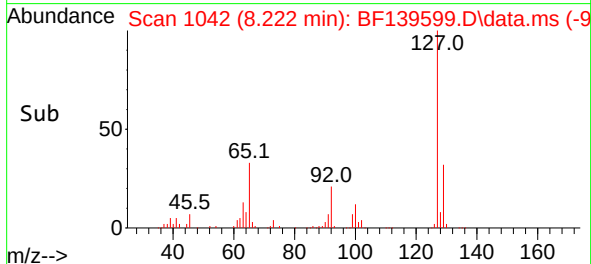
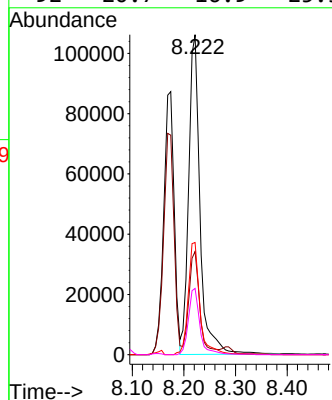
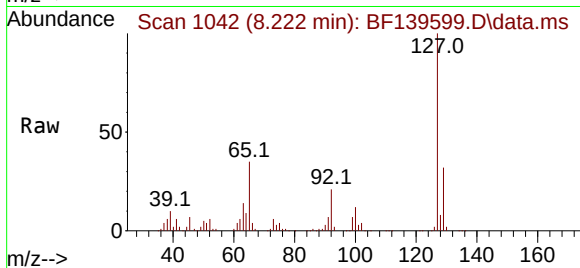
PB163811BS

Tgt Ion:127 Resp: 162710
Ion Ratio Lower Upper
127 100
129 32.3 26.2 39.4
65 35.1 29.3 43.9
92 20.7 16.9 25.3

Manual Integrations

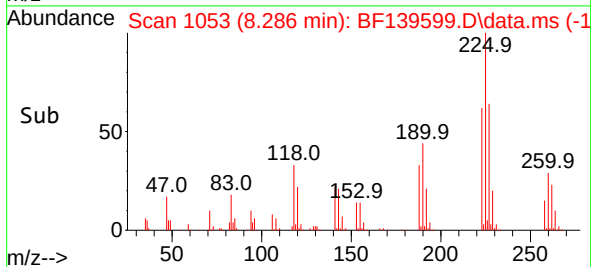
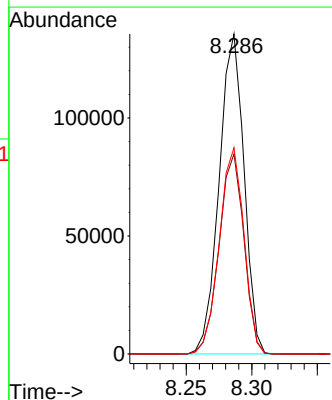
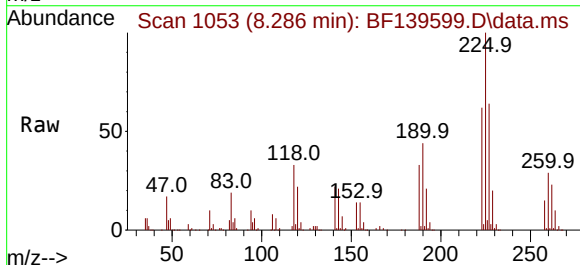
APPROVED

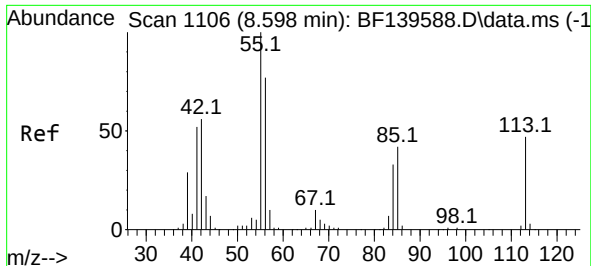
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#34
Hexachlorobutadiene
Concen: 48.777 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

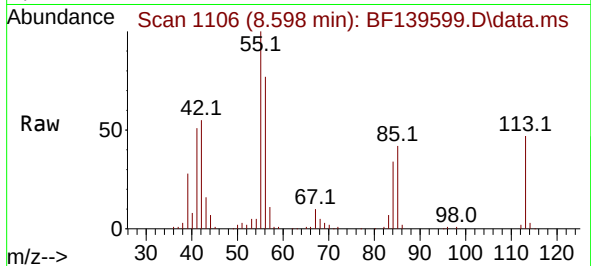
Tgt Ion:225 Resp: 178674
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 64.5 50.7 76.1





#35
Caprolactam
Concen: 53.406 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

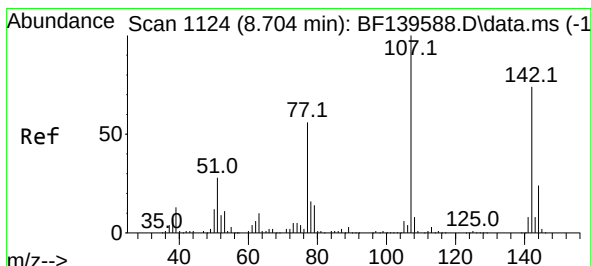
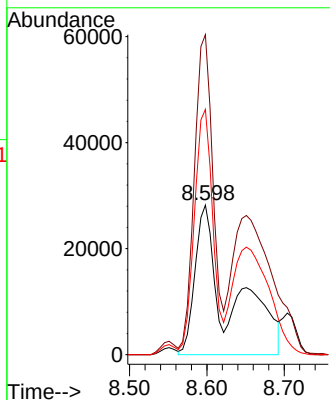
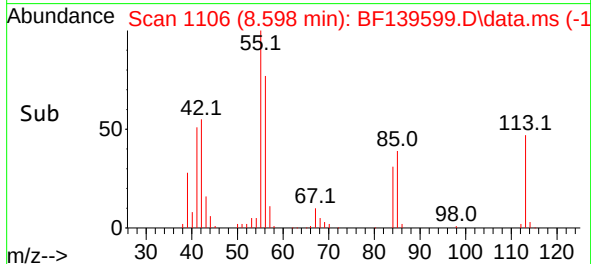
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:113 Resp: 87679
Ion Ratio Lower Upper
113 100
55 213.9 193.4 233.4
56 163.9 143.8 183.8

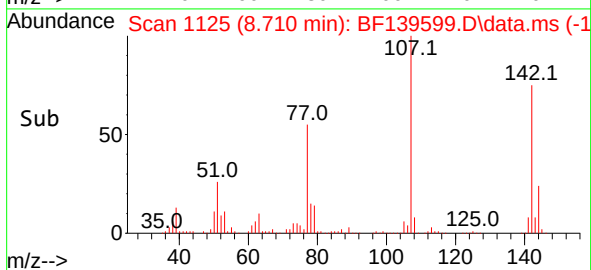
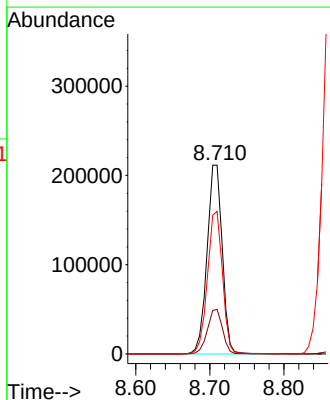
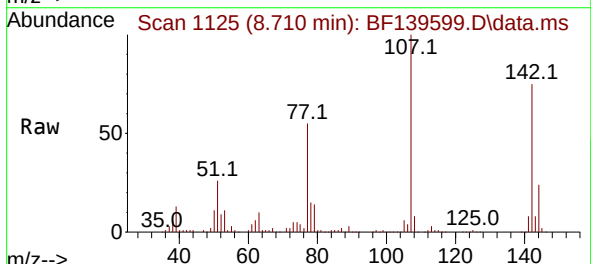
Manual Integrations
APPROVED

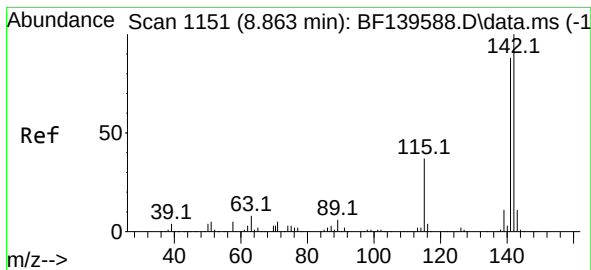
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#36
4-Chloro-3-methylphenol
Concen: 53.327 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

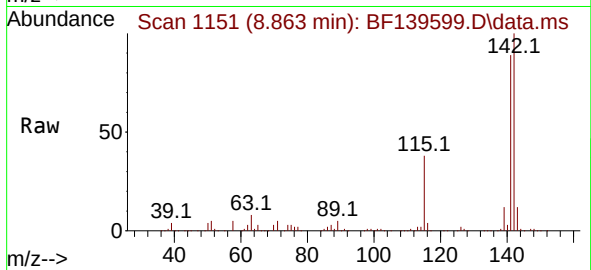
Tgt Ion:107 Resp: 302151
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.6
142 75.5 59.2 88.8





#37
2-Methylnaphthalene
Concen: 51.447 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

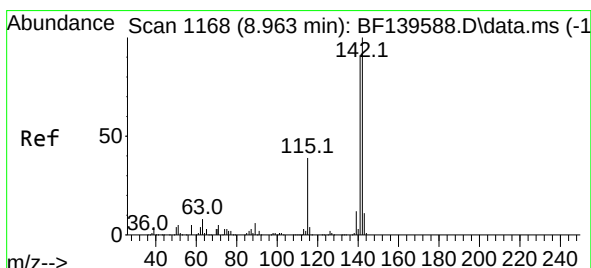
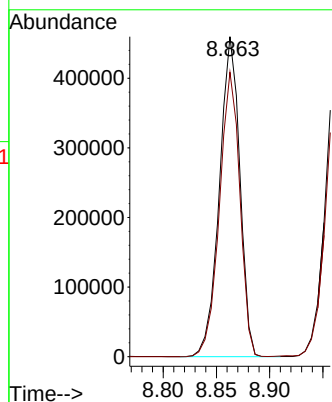
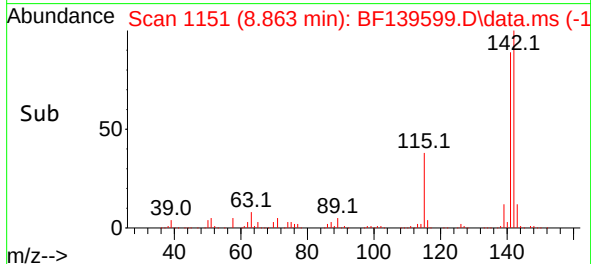
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:142 Resp: 61076
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

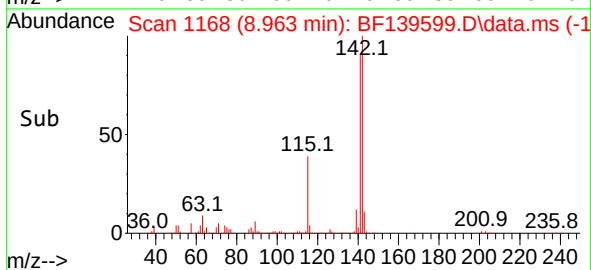
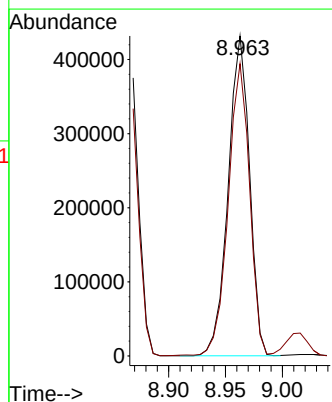
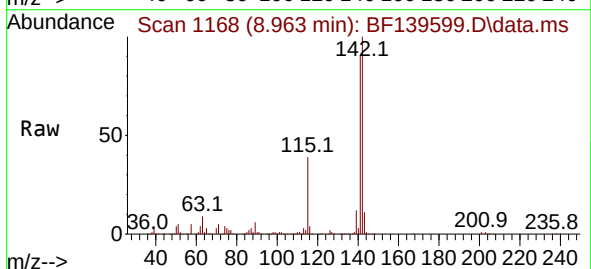
Manual Integrations
APPROVED

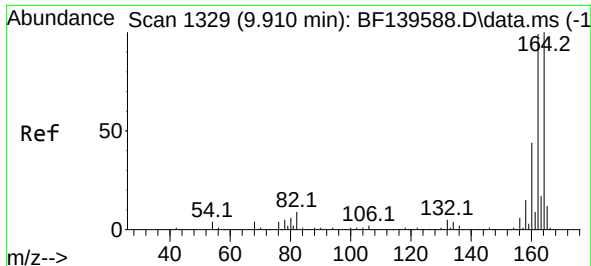
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#38
1-Methylnaphthalene
Concen: 48.640 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:142 Resp: 564440
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139599.D

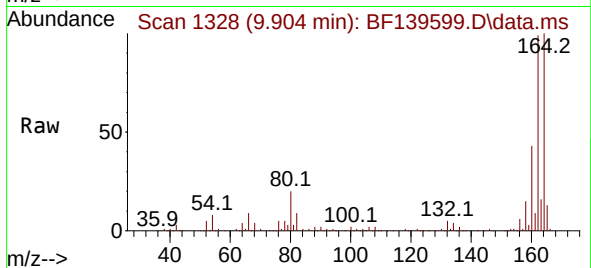
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS



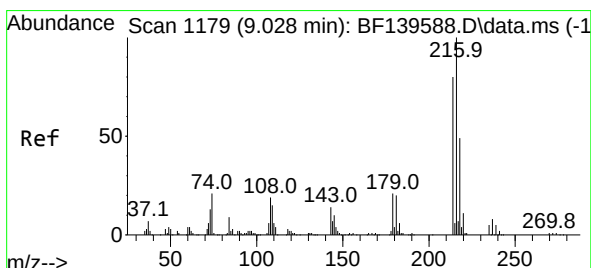
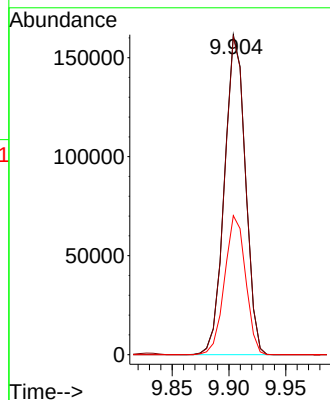
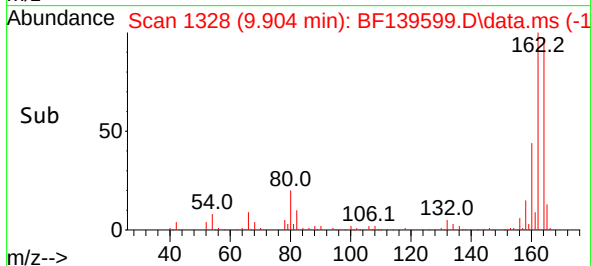
Tgt Ion:164 Resp: 20701

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	43.5	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.670 ng

RT: 9.027 min Scan# 1179

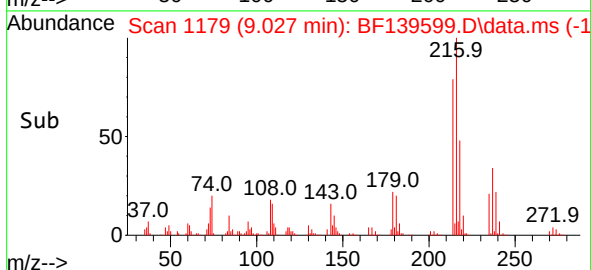
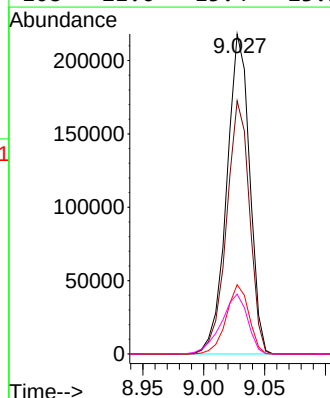
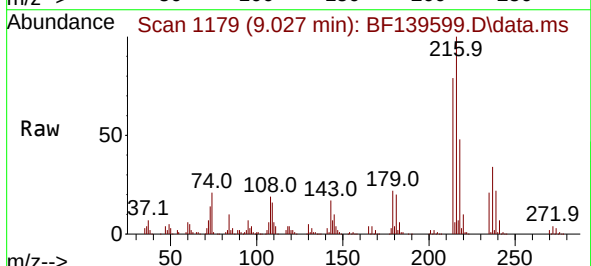
Delta R.T. -0.000 min

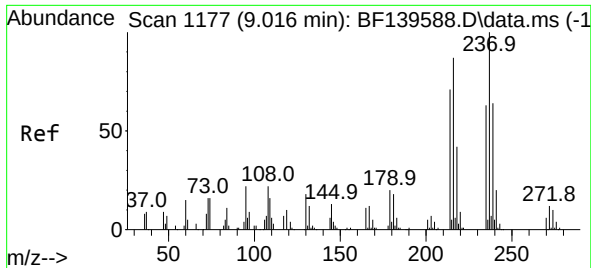
Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Tgt Ion:216 Resp: 285529

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.4	16.9	25.3
108	21.6	15.4	23.2





#41
Hexachlorocyclopentadiene
Concen: 199.726 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

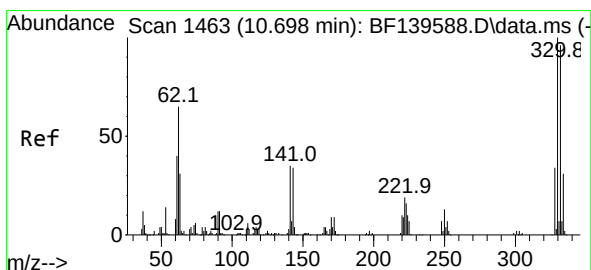
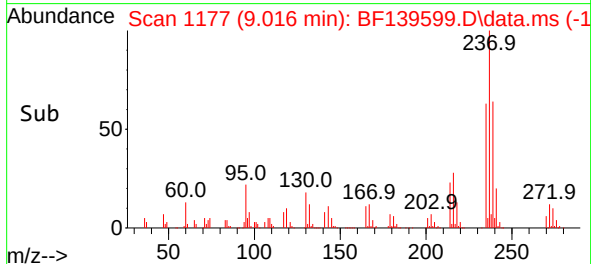
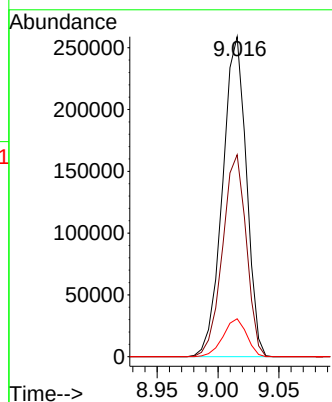
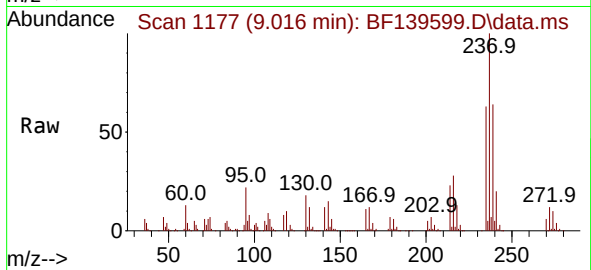
PB163811BS

Tgt Ion:237 Resp: 35204
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations

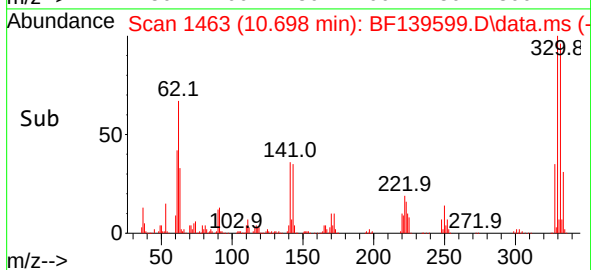
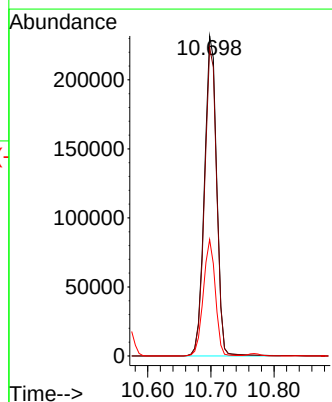
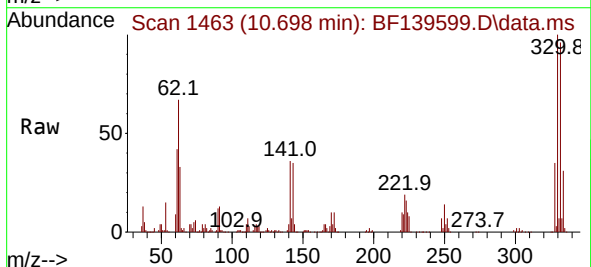
APPROVED

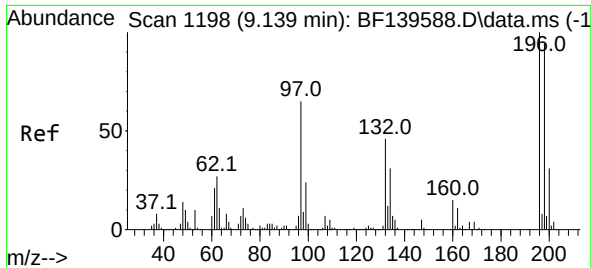
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#42
2,4,6-Tribromophenol
Concen: 156.171 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:330 Resp: 312088
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.7 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 52.458 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

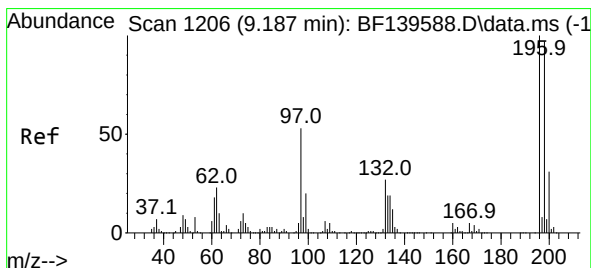
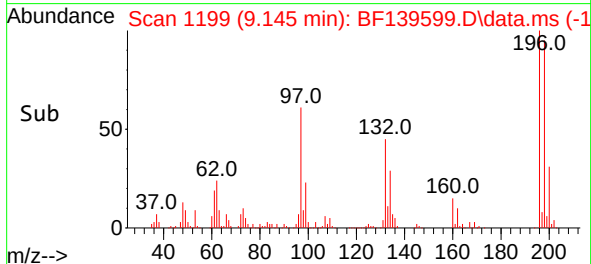
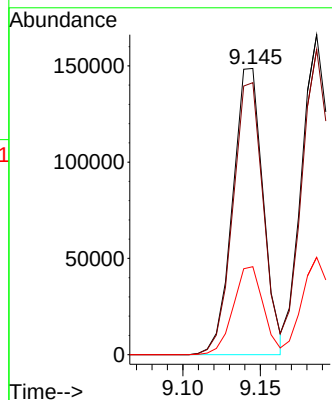
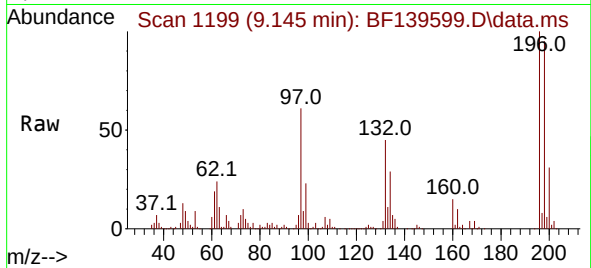
PB163811BS

Tgt Ion:196 Resp: 203284
Ion Ratio Lower Upper
196 100
198 95.0 75.2 112.8
200 30.8 24.6 37.0

Manual Integrations

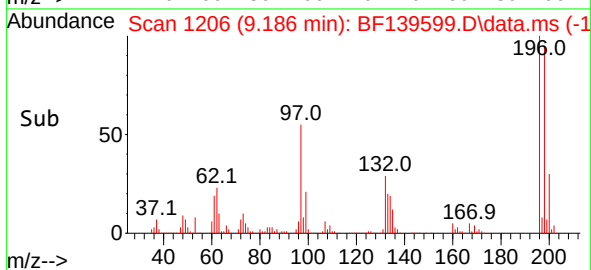
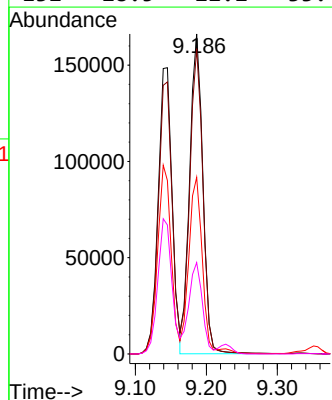
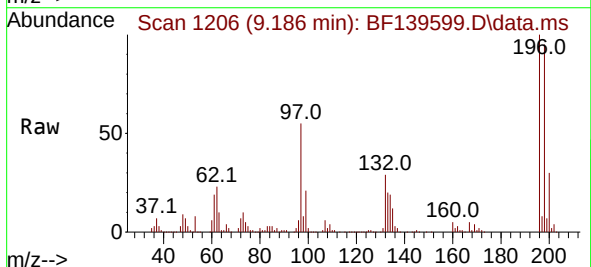
APPROVED

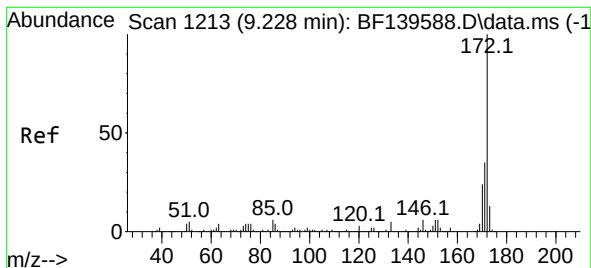
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#44
2,4,5-Trichlorophenol
Concen: 51.391 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:196 Resp: 214767
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 55.2 43.1 64.7
132 28.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 102.156 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion:172 Resp: 137753

Ion Ratio Lower Upper

172 100

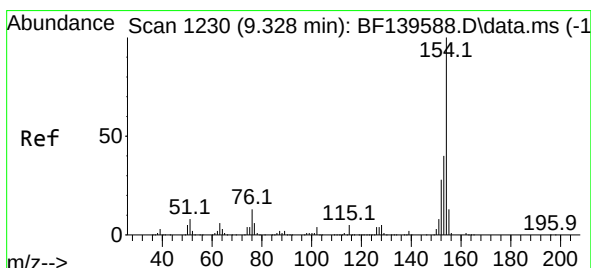
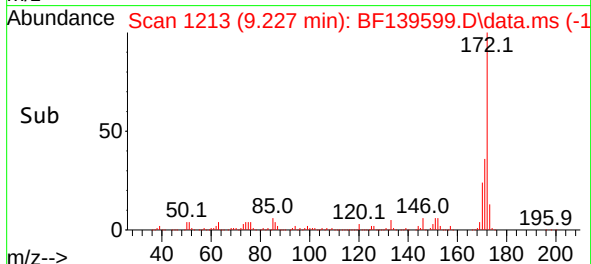
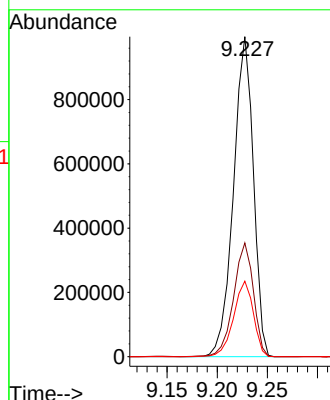
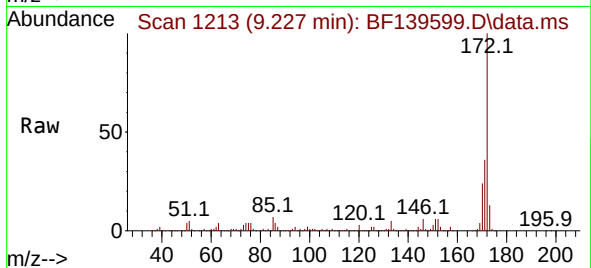
171 35.5 28.2 42.4

170 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#46

1,1'-Biphenyl

Concen: 50.171 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

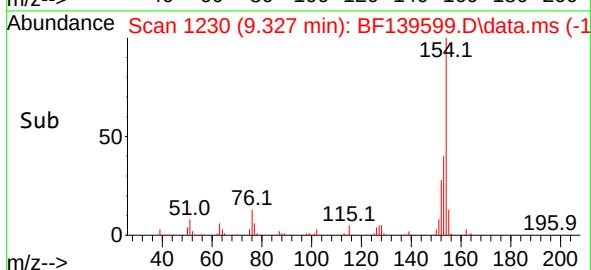
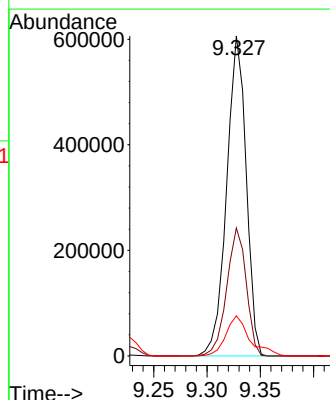
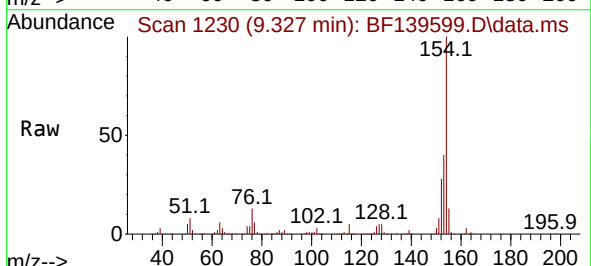
Tgt Ion:154 Resp: 772476

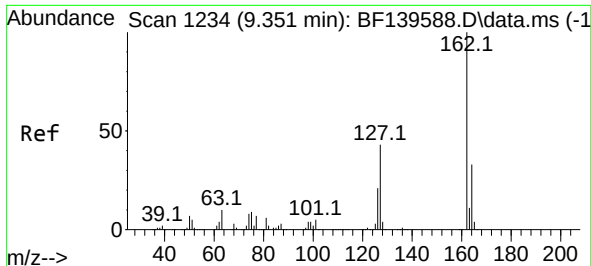
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 12.6 0.0 32.6





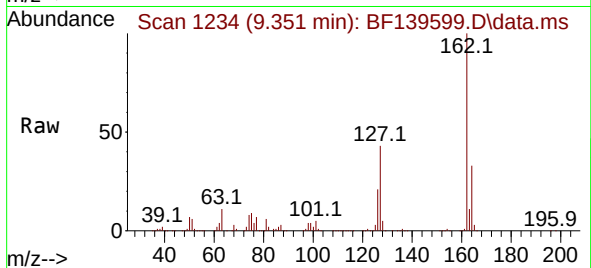
#47
2-Chloronaphthalene
Concen: 49.847 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

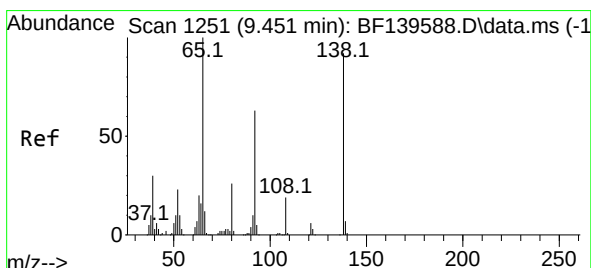
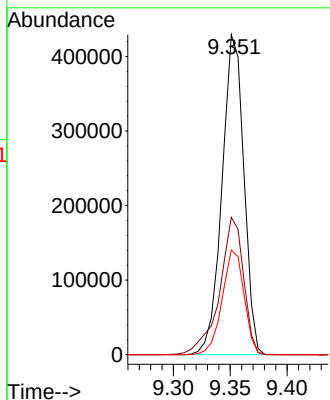
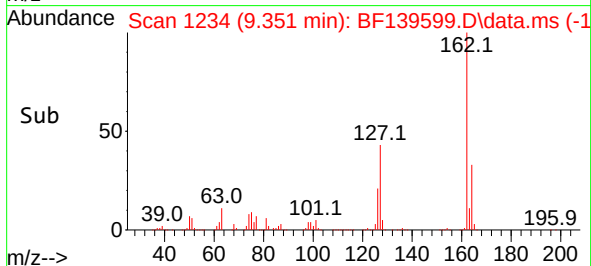


Tgt Ion:162 Resp: 57536
Ion Ratio Lower Upper
162 100
127 42.9 35.0 52.4
164 32.7 26.1 39.1

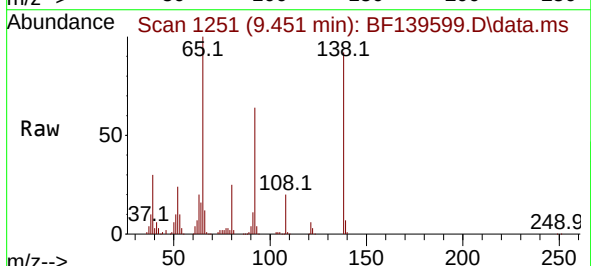
Manual Integrations

APPROVED

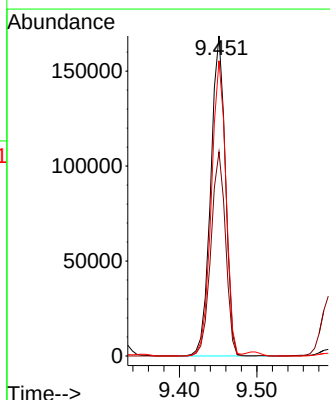
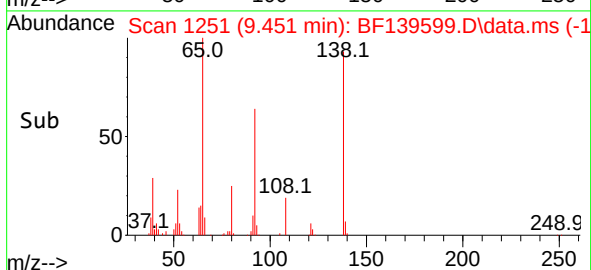
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

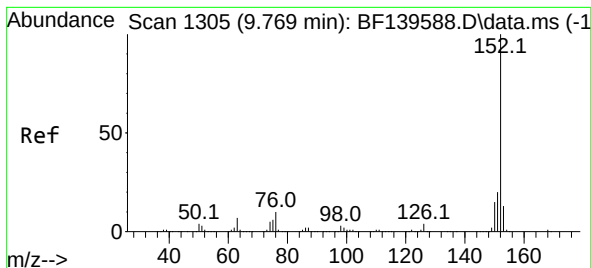


#48
2-Nitroaniline
Concen: 53.549 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion: 65 Resp: 221879
Ion Ratio Lower Upper
65 100
92 63.8 50.0 75.0
138 92.3 73.8 110.8





#49

Acenaphthylene

Concen: 54.604 ng

RT: 9.769 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

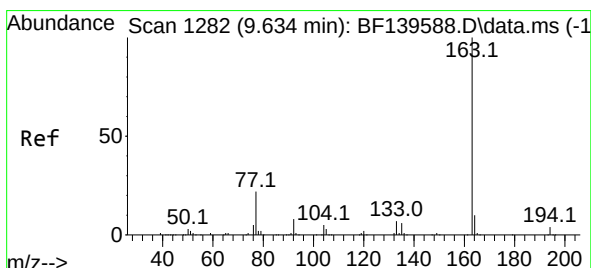
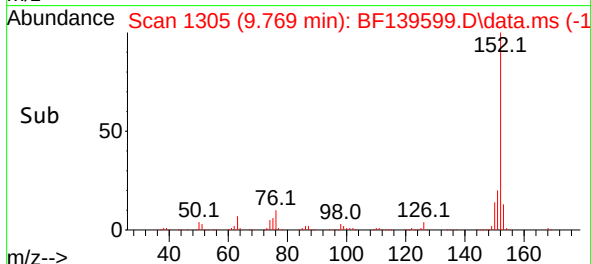
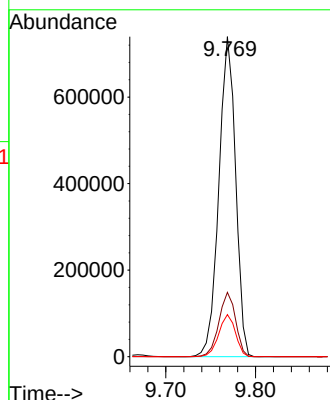
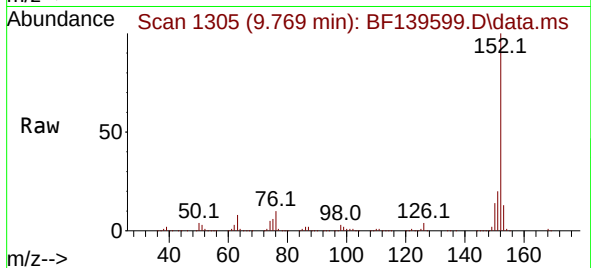
PB163811BS

Tgt Ion:	152	Resp:	95851
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.0	24.0
153	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#50

Dimethylphthalate

Concen: 52.908 ng

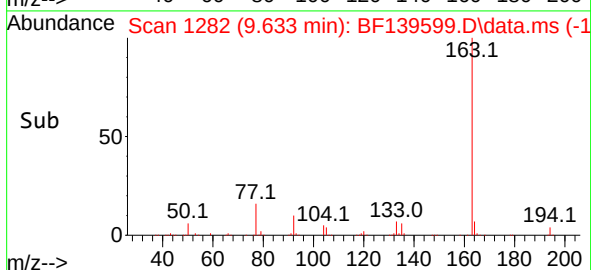
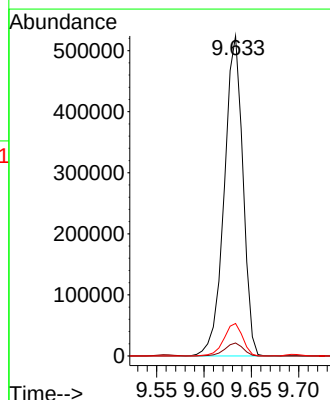
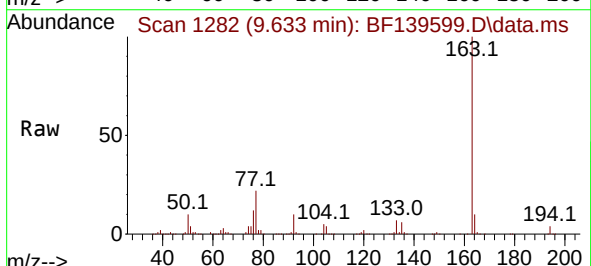
RT: 9.633 min Scan# 1282

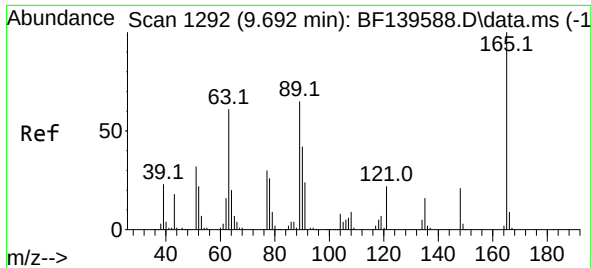
Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Tgt Ion:	163	Resp:	716976
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	10.1	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 51.631 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

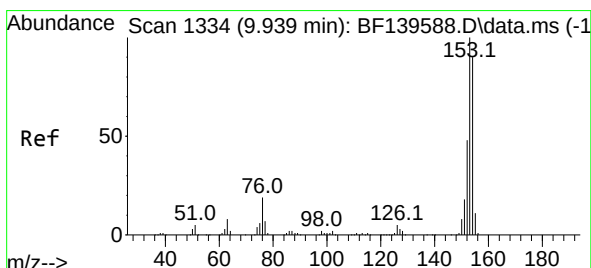
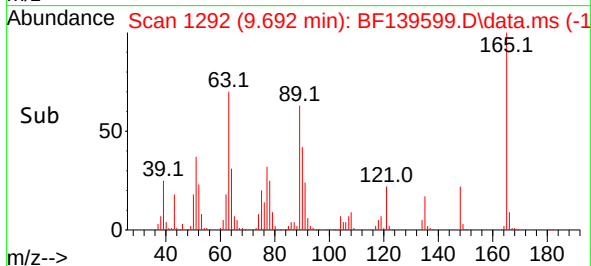
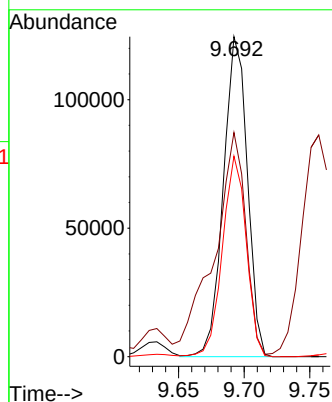
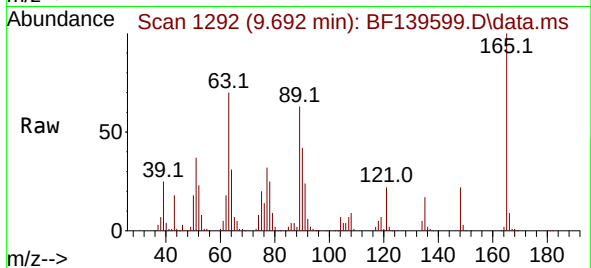
PB163811BS

Tgt Ion:165 Resp: 15805
Ion Ratio Lower Upper
165 100
63 70.0 56.7 85.1
89 62.6 51.6 77.4

Manual Integrations

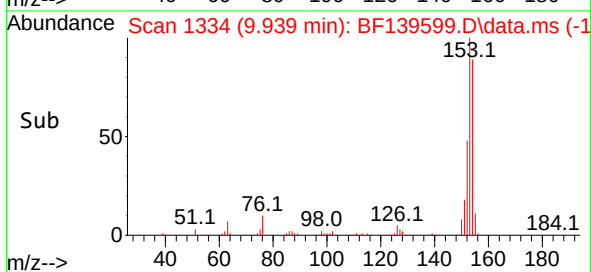
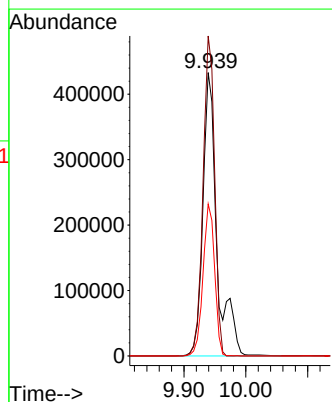
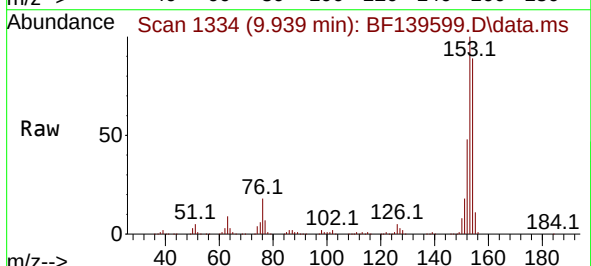
APPROVED

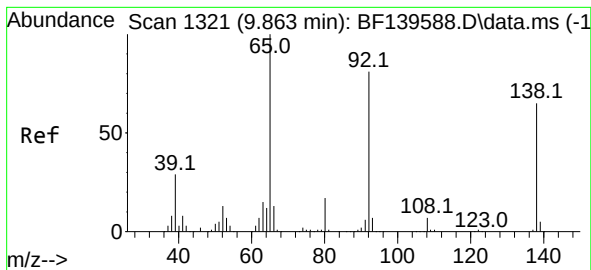
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#52
Acenaphthene
Concen: 56.887 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:154 Resp: 685524
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 53.6 42.5 63.7





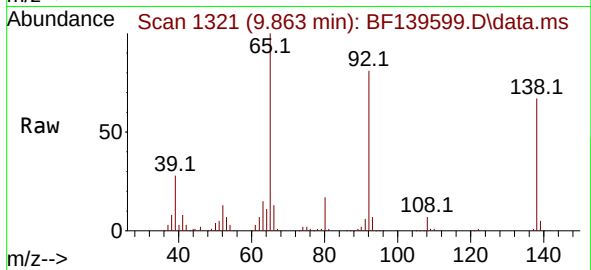
#53
3-Nitroaniline
Concen: 35.226 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

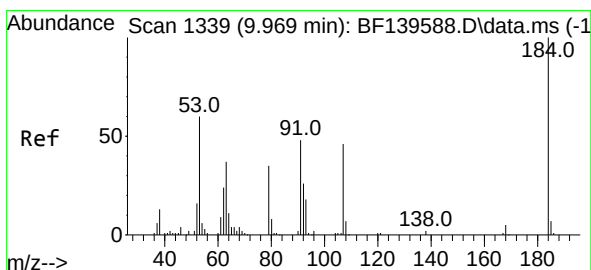
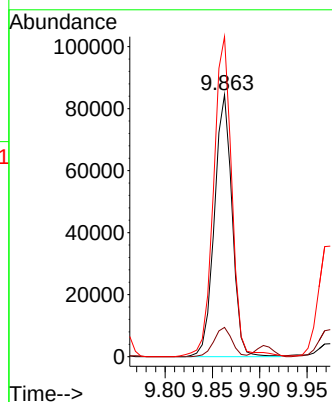
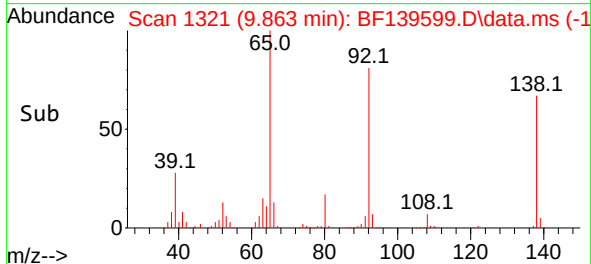


Tgt Ion:138 Resp: 11019
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 122.1 100.0 150.0

Manual Integrations

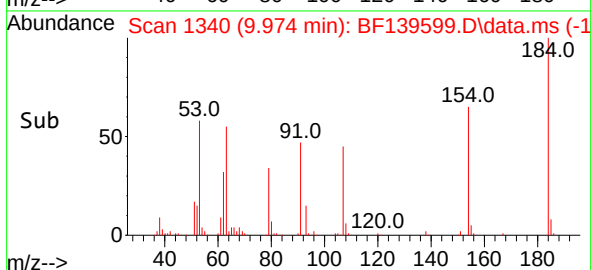
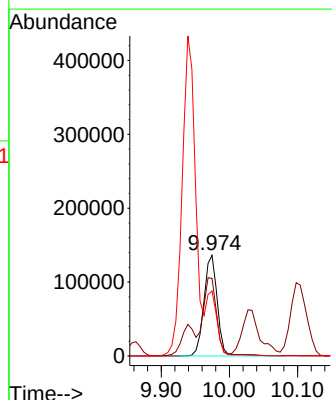
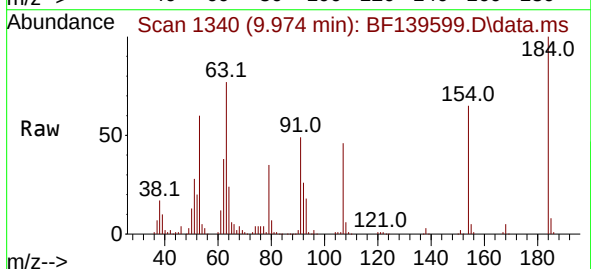
APPROVED

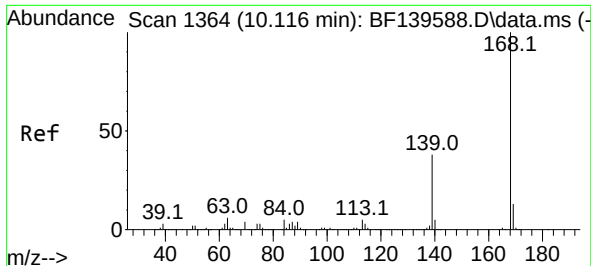
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#54
2,4-Dinitrophenol
Concen: 113.768 ng
RT: 9.974 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:184 Resp: 187318
Ion Ratio Lower Upper
184 100
63 77.2 61.7 92.5
154 64.6 53.0 79.4





#55
Dibenzofuran
Concen: 51.583 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

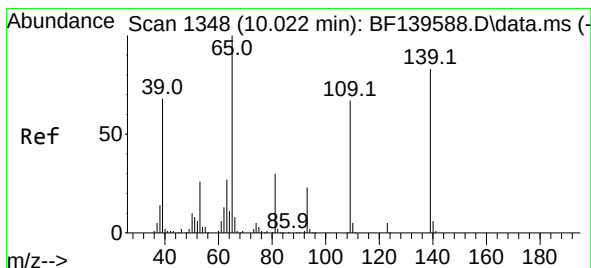
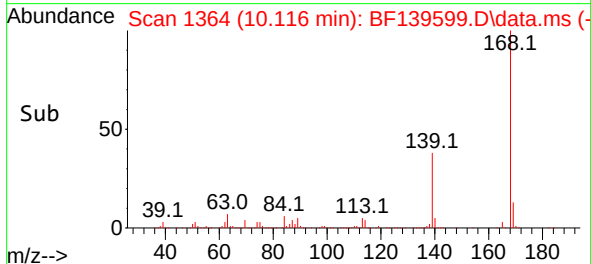
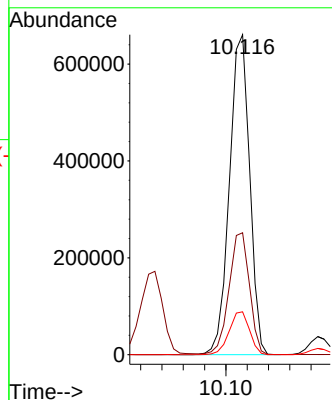
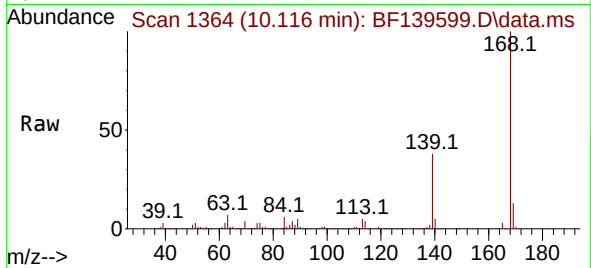
PB163811BS

Tgt Ion:168 Resp: 87034
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.4 10.7 16.1

Manual Integrations

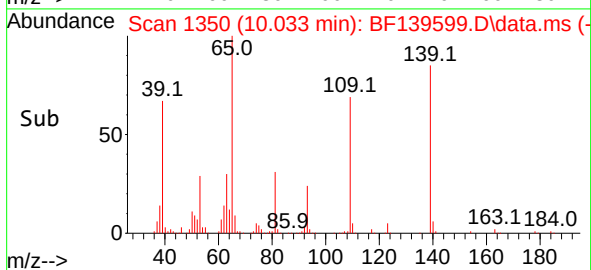
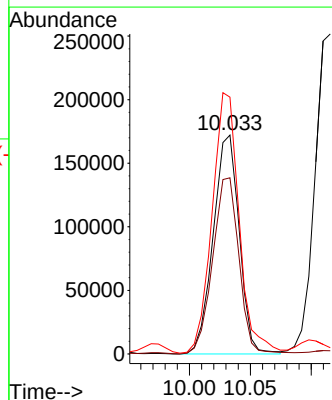
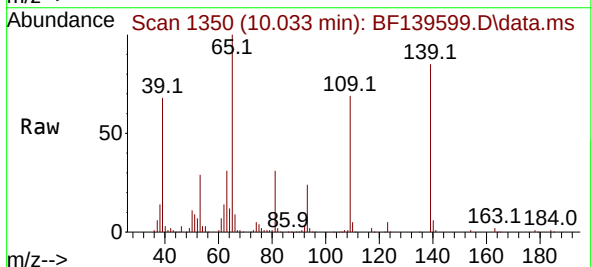
APPROVED

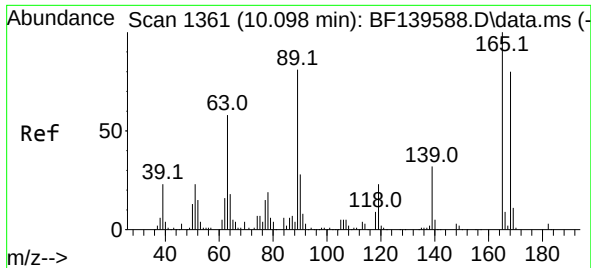
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#56
4-Nitrophenol
Concen: 107.203 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:139 Resp: 255739
Ion Ratio Lower Upper
139 100
109 80.5 60.3 100.3
65 117.3 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 53.657 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

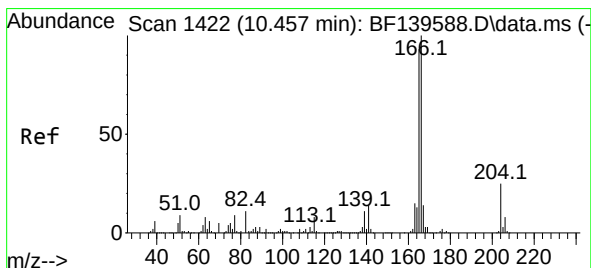
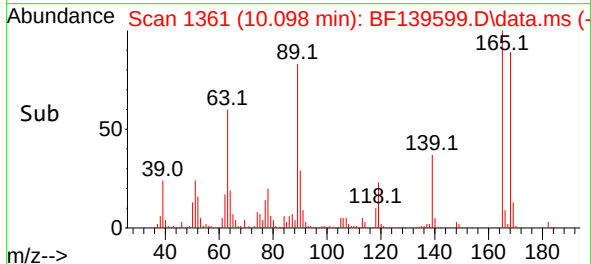
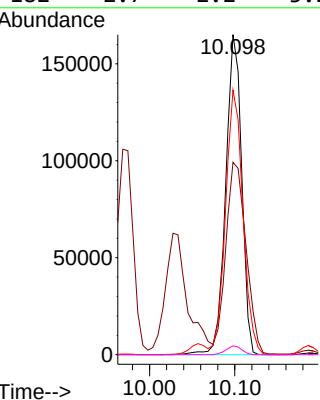
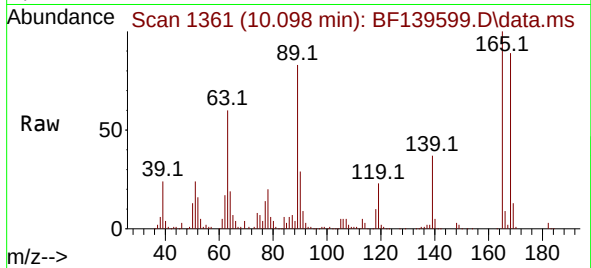
PB163811BS

Tgt Ion:165 Resp: 21469
Ion Ratio Lower Upper
165 100
63 60.1 46.9 70.3
89 82.7 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

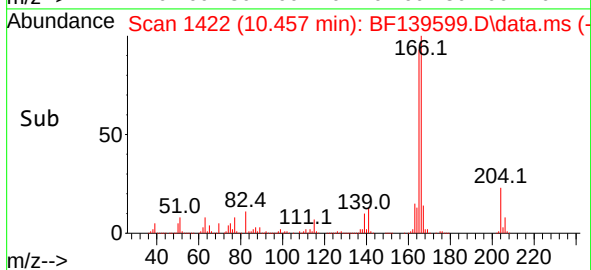
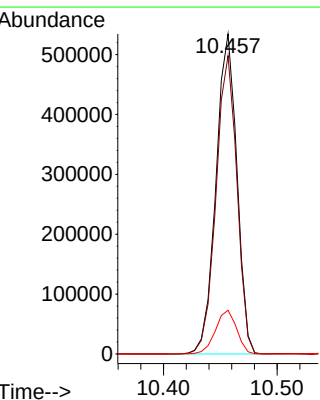
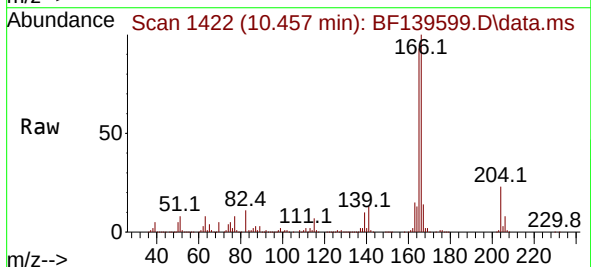
APPROVED

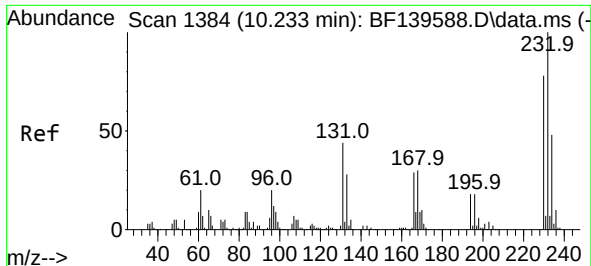
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#58
Fluorene
Concen: 50.932 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

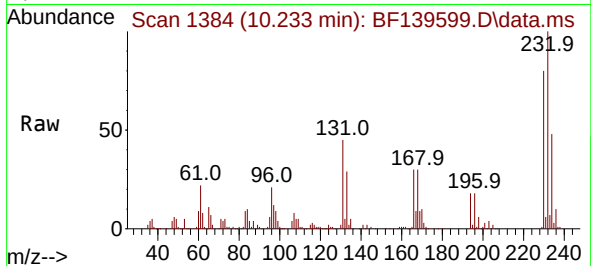
Tgt Ion:166 Resp: 684464
Ion Ratio Lower Upper
166 100
165 93.2 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.267 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

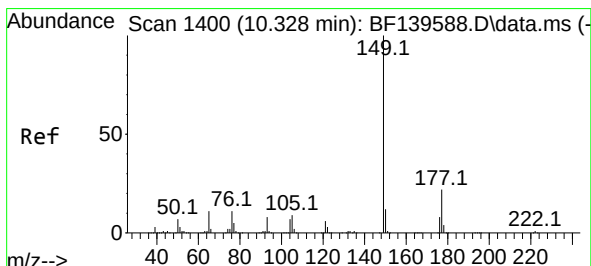
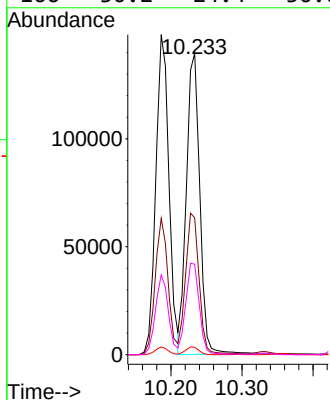
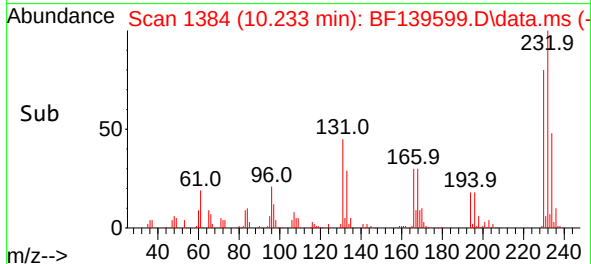
Instrument :
BNA_F
ClientSampleId :
PB163811BS



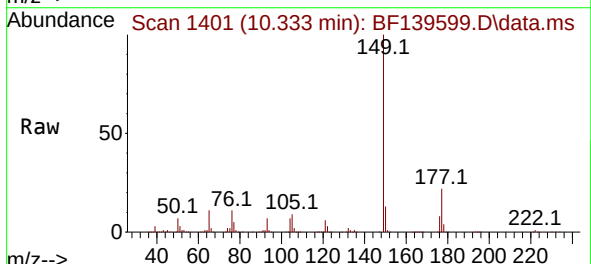
Tgt Ion:232 Resp: 18317
Ion Ratio Lower Upper
232 100
131 47.4 37.8 56.6
130 2.5 1.9 2.9
166 30.2 24.4 36.6

Manual Integrations
APPROVED

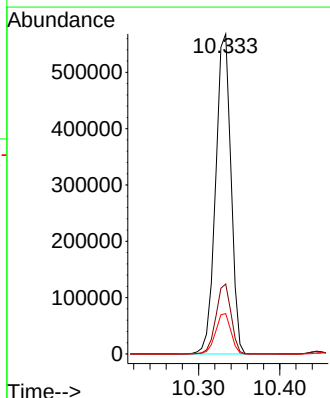
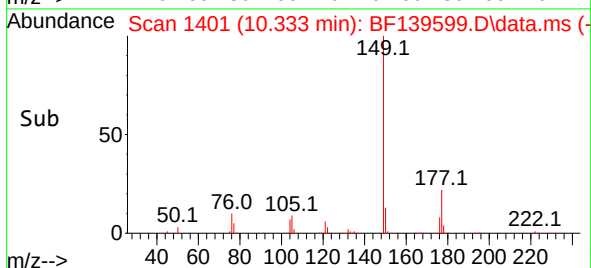
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

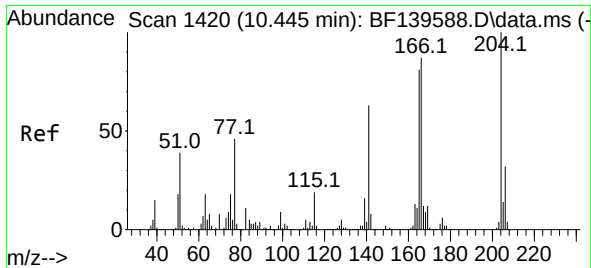


#60
Diethylphthalate
Concen: 53.174 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



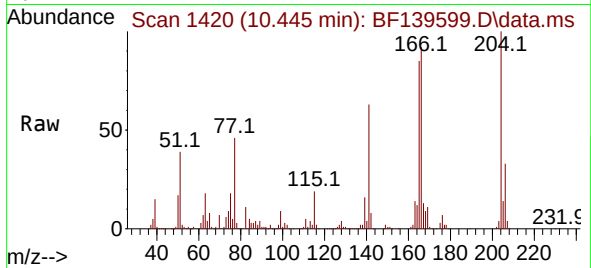
Tgt Ion:149 Resp: 744276
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.071 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

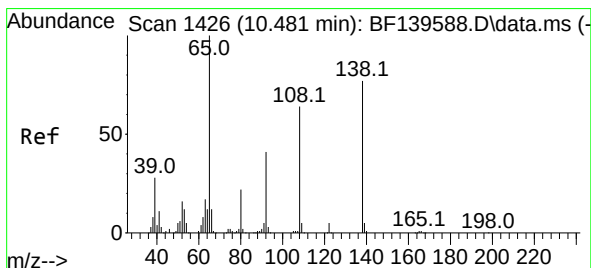
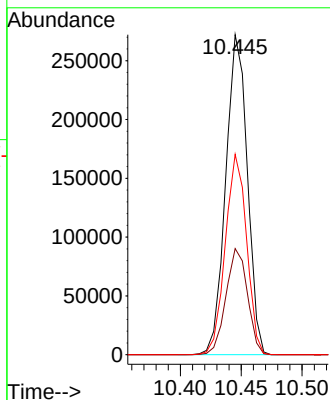
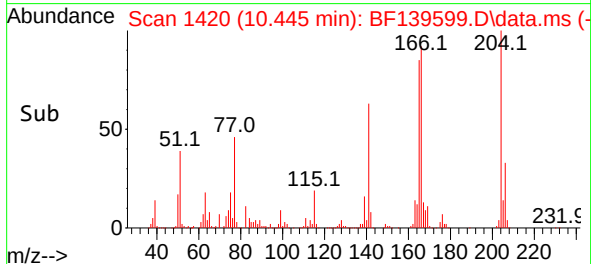
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:204 Resp: 336638
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 62.6 50.5 75.7

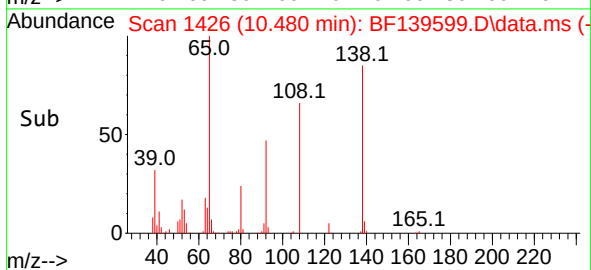
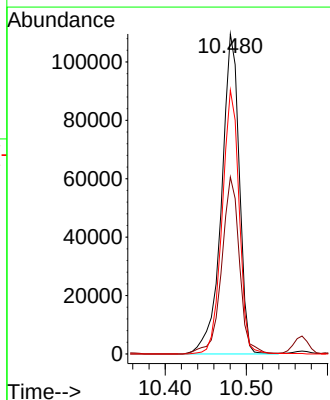
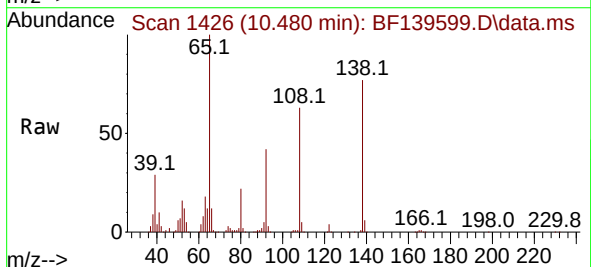
Manual Integrations
APPROVED

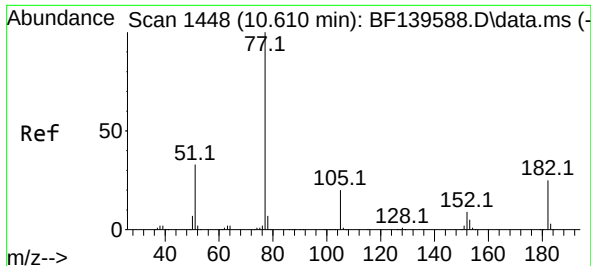
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#62
4-Nitroaniline
Concen: 52.181 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:138 Resp: 166971
Ion Ratio Lower Upper
138 100
92 55.3 33.3 73.3
108 82.4 62.1 102.1





#63
Azobenzene
Concen: 53.336 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

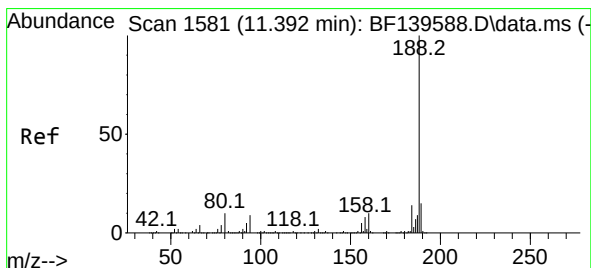
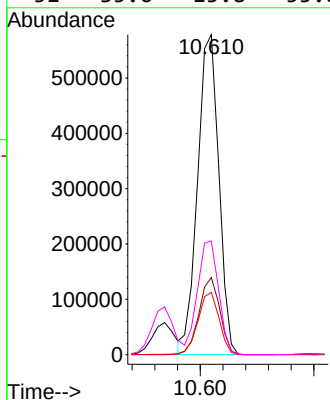
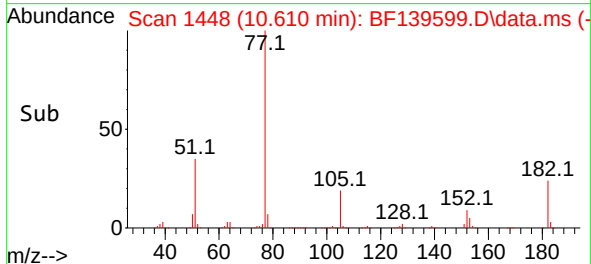
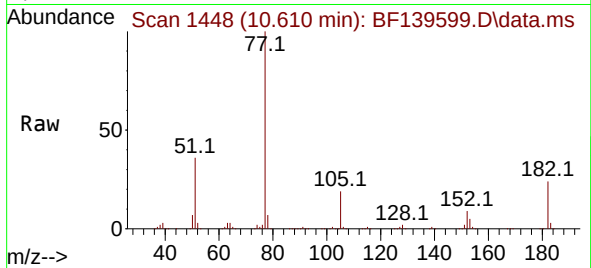
PB163811BS

Tgt Ion: 77 Resp: 750762
Ion Ratio Lower Upper
77 100
182 24.1 4.2 44.2
105 19.5 0.0 39.6
51 35.6 15.8 55.8

Manual Integrations

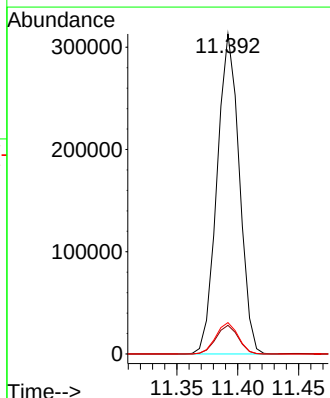
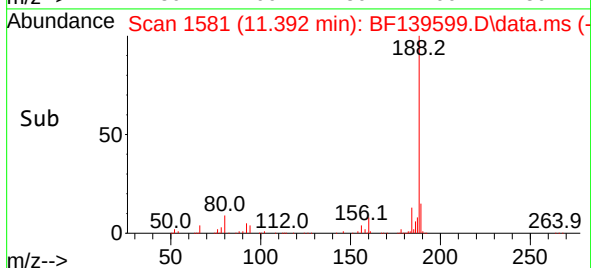
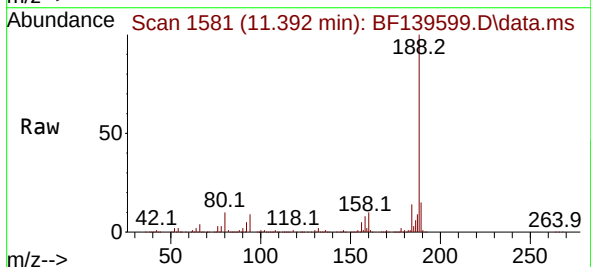
APPROVED

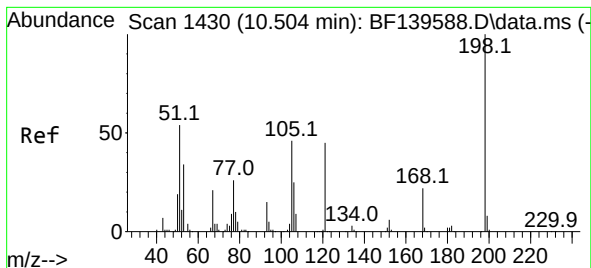
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

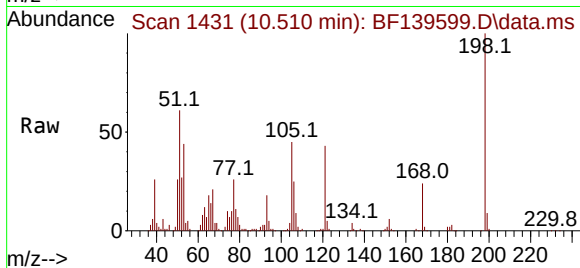
Tgt Ion:188 Resp: 398612
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.8 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.459 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

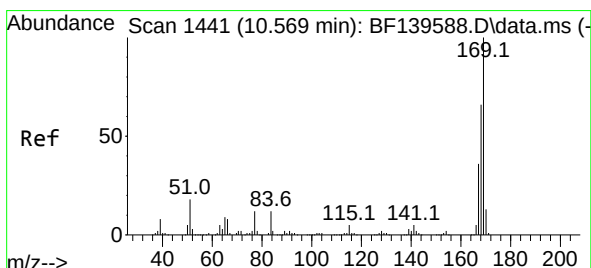
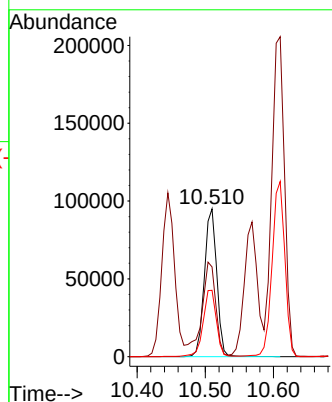
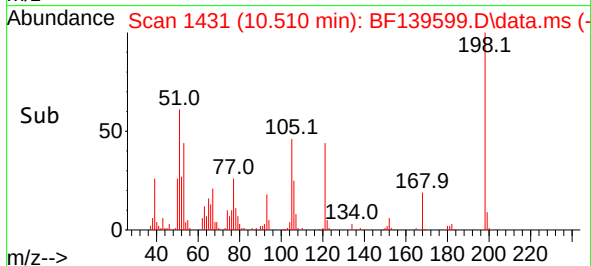
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:198 Resp: 12035
Ion Ratio Lower Upper
198 100
51 60.8 43.0 83.0
105 45.0 26.6 66.6

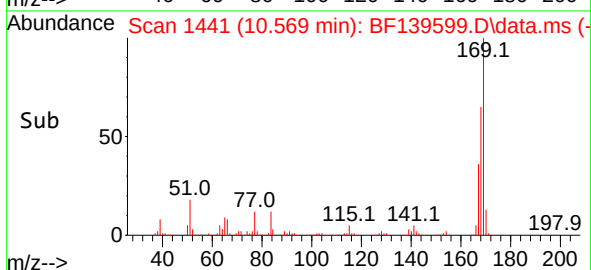
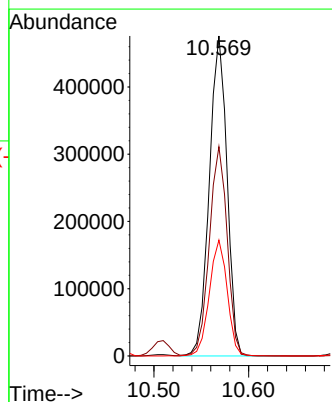
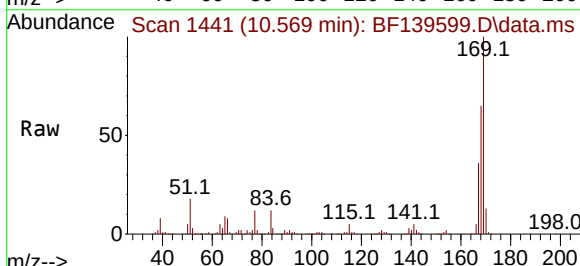
Manual Integrations
APPROVED

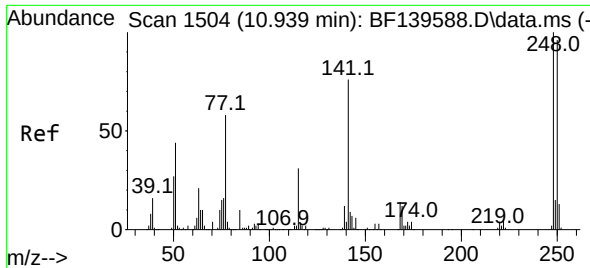
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#66
n-Nitrosodiphenylamine
Concen: 52.375 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:169 Resp: 615392
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 50.726 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

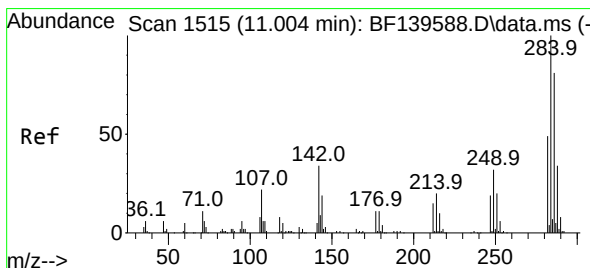
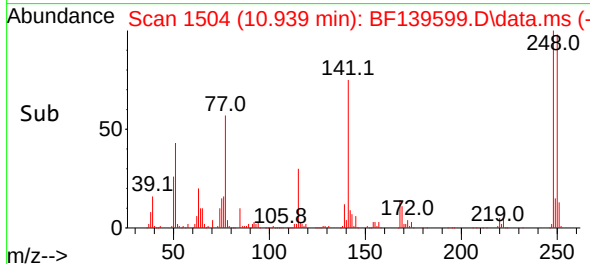
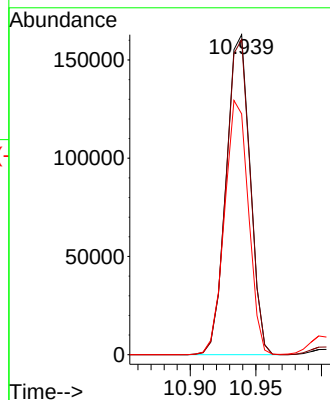
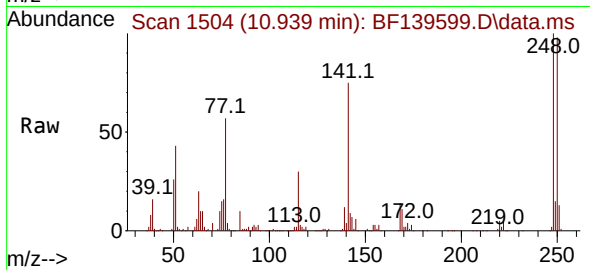
PB163811BS

Tgt Ion:248 Resp: 20731
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 75.3 60.4 90.6

Manual Integrations

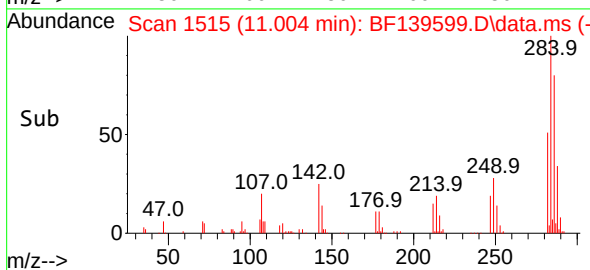
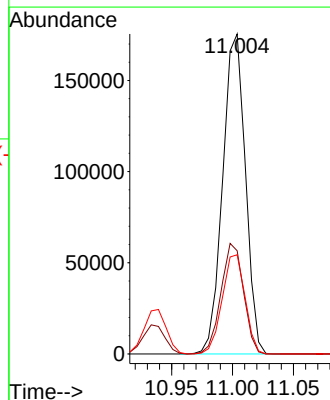
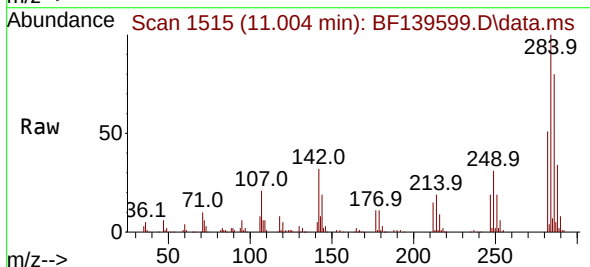
APPROVED

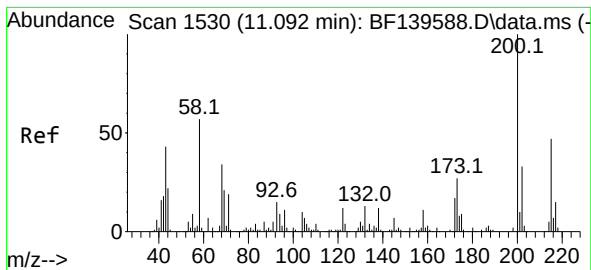
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#68
Hexachlorobenzene
Concen: 50.296 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:284 Resp: 228097
Ion Ratio Lower Upper
284 100
142 32.3 26.9 40.3
249 31.0 25.4 38.0





#69

Atrazine

Concen: 64.327 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion:200 Resp: 202789

Ion Ratio Lower Upper

200 100

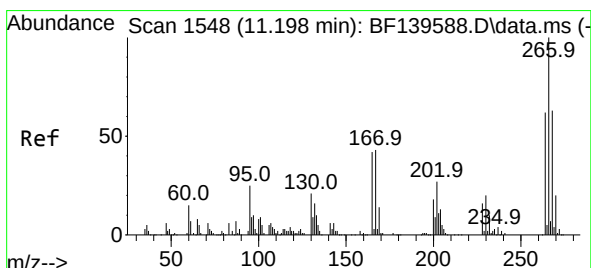
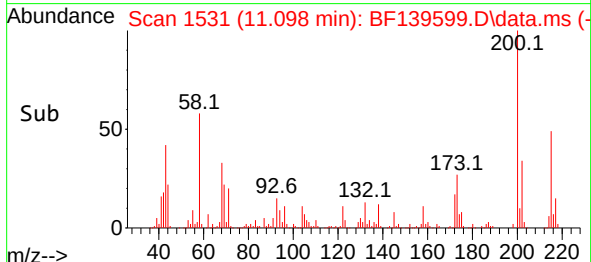
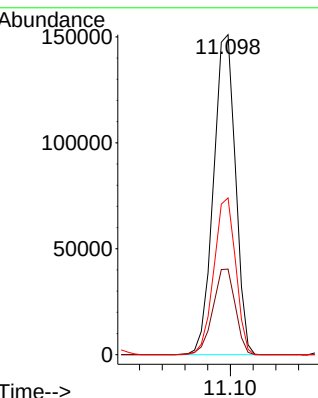
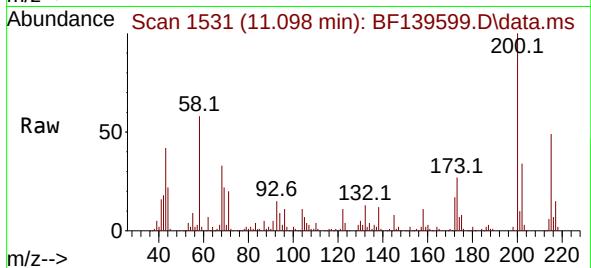
173 26.7 6.7 46.7

215 49.0 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#70

Pentachlorophenol

Concen: 97.247 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

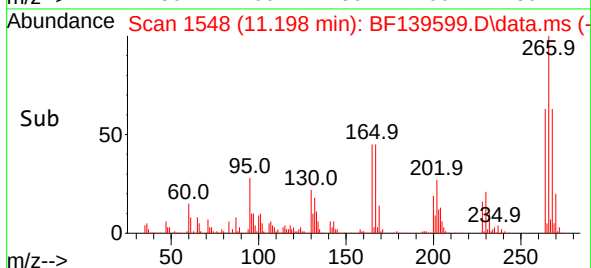
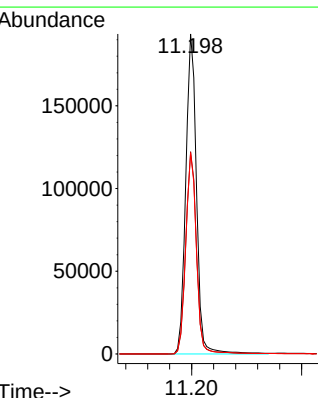
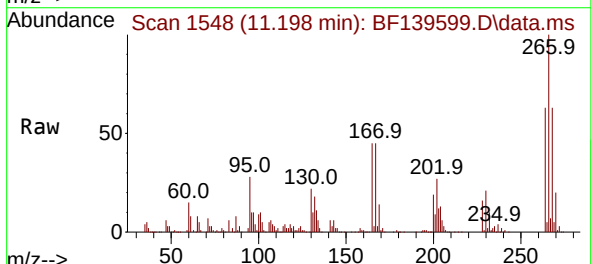
Tgt Ion:266 Resp: 262609

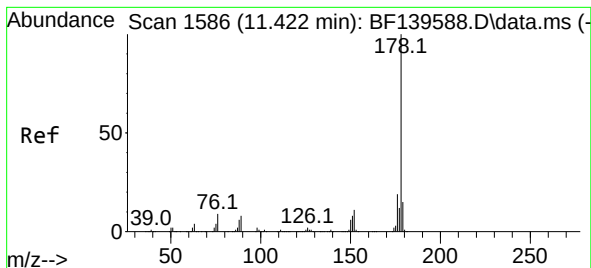
Ion Ratio Lower Upper

266 100

268 63.2 50.0 75.0

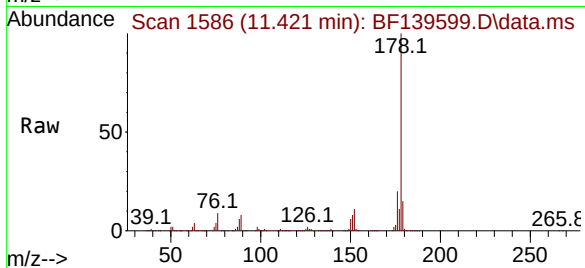
264 62.9 49.3 73.9





#71
Phenanthrene
Concen: 52.704 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

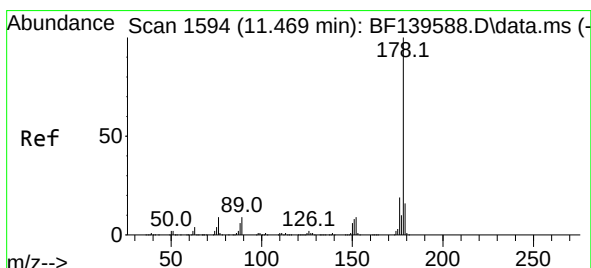
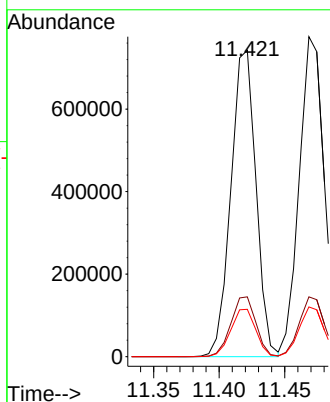
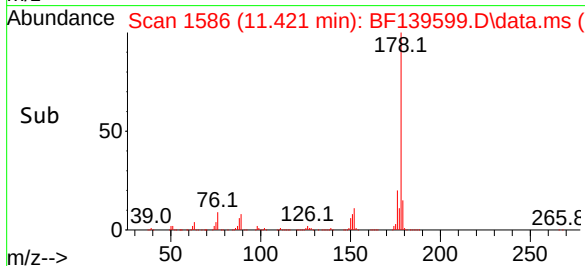
Instrument :
BNA_F
ClientSampleId :
PB163811BS



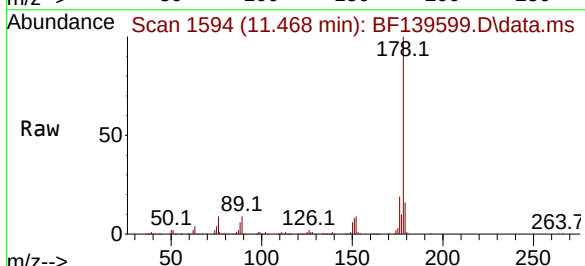
Tgt Ion:178 Resp: 990570
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.4 12.3 18.5

Manual Integrations
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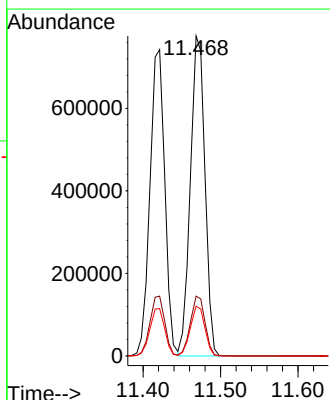
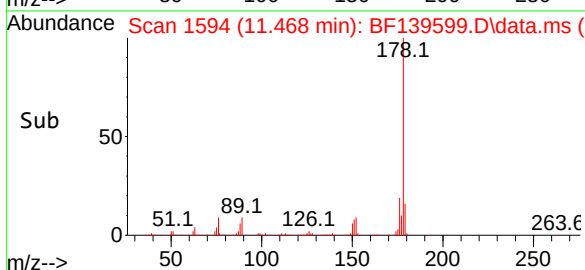
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

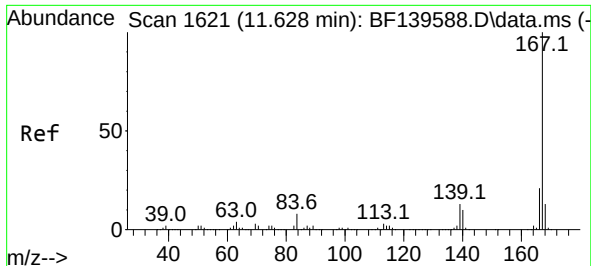


#72
Anthracene
Concen: 54.526 ng
RT: 11.468 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



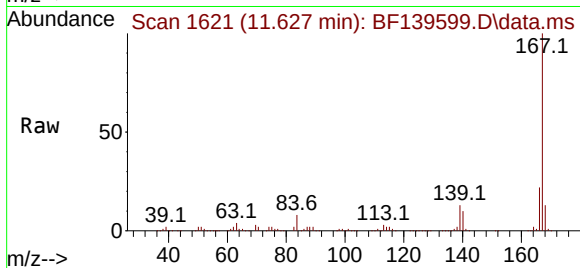
Tgt Ion:178 Resp: 1013847
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 51.744 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139599.D
 Acq: 02 Oct 2024 11:39

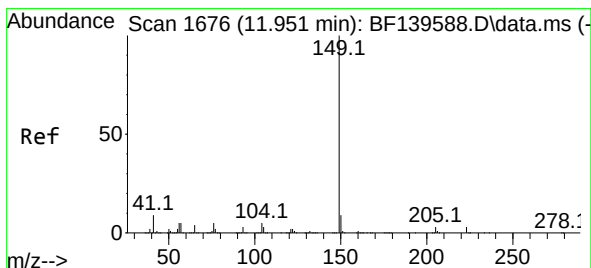
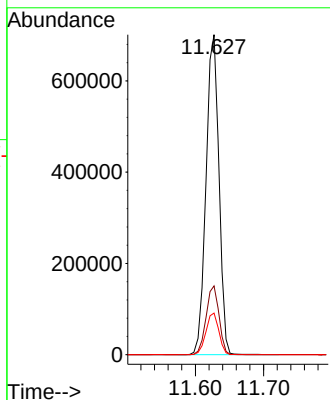
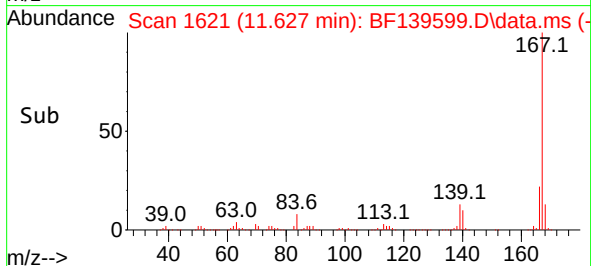
Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS



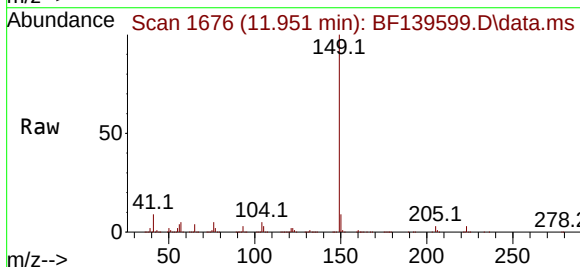
Tgt Ion:167 Resp: 924070
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.0 10.3 15.5

Manual Integrations
 APPROVED

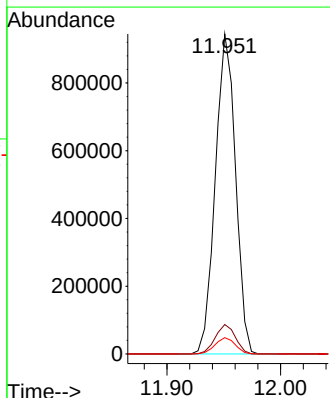
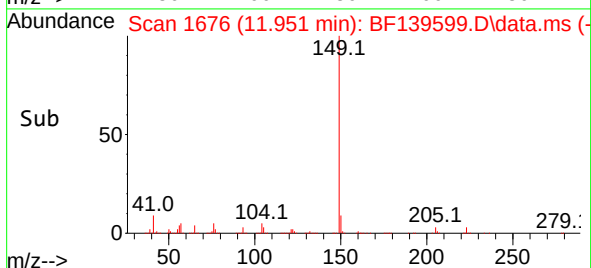
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

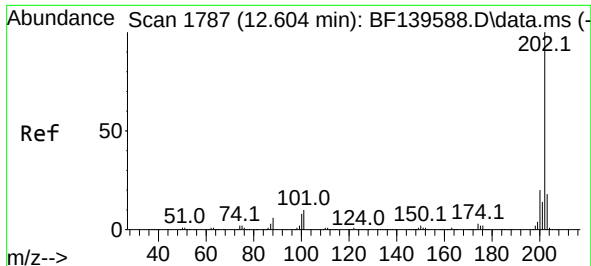


#74
 Di-n-butylphthalate
 Concen: 53.757 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139599.D
 Acq: 02 Oct 2024 11:39



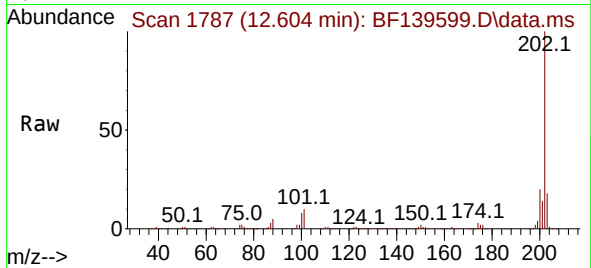
Tgt Ion:149 Resp: 1167404
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 52.688 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

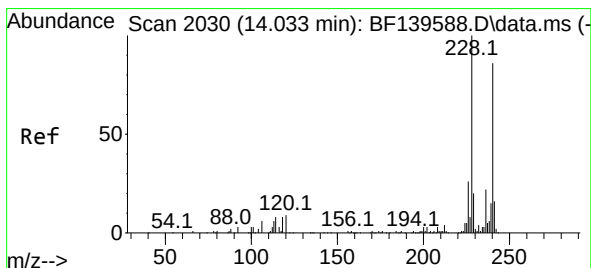
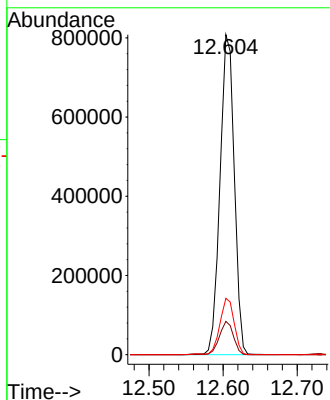
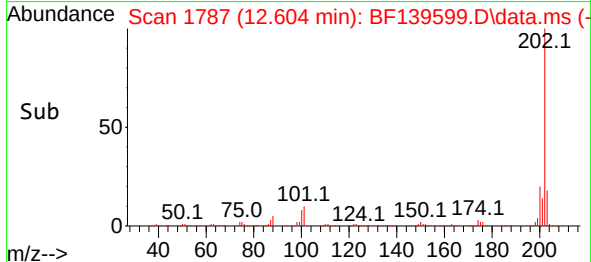
Instrument :
BNA_F
ClientSampleId :
PB163811BS



Tgt Ion:202 Resp: 1082500
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.6 0.0 37.7

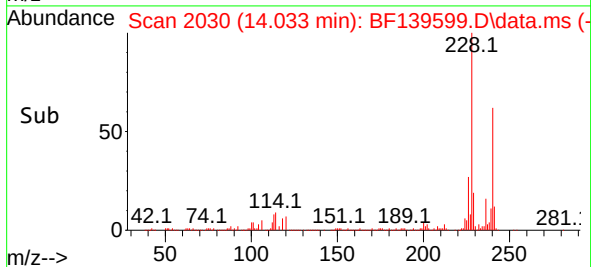
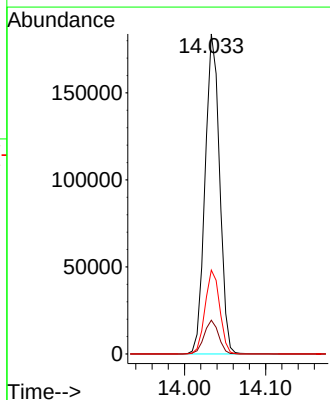
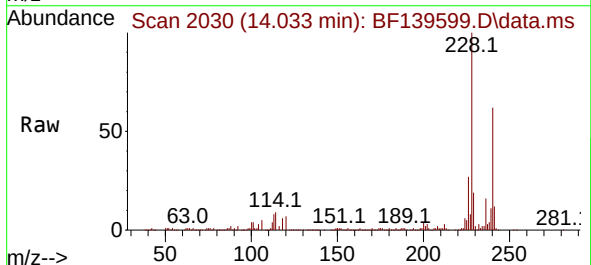
Manual Integrations
APPROVED

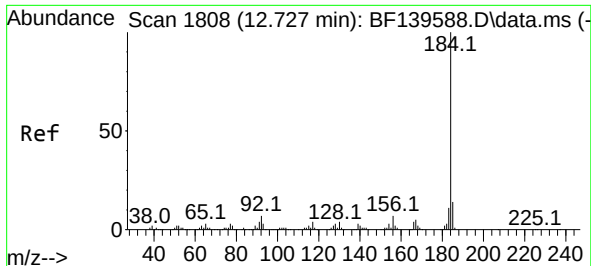
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:240 Resp: 227777
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.2 20.3 30.5





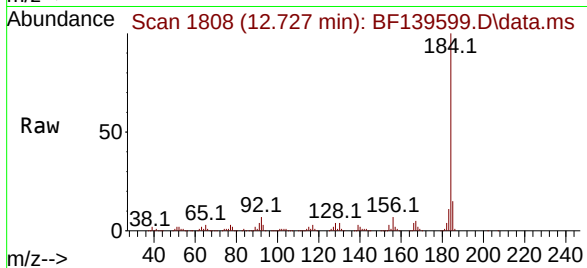
#77
Benzidine
Concen: 107.564 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

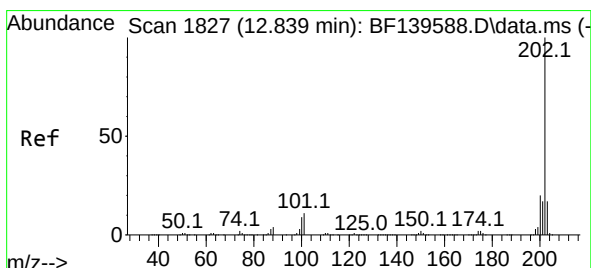
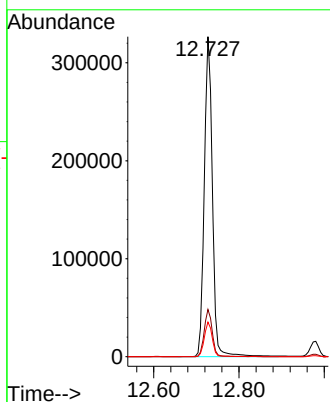
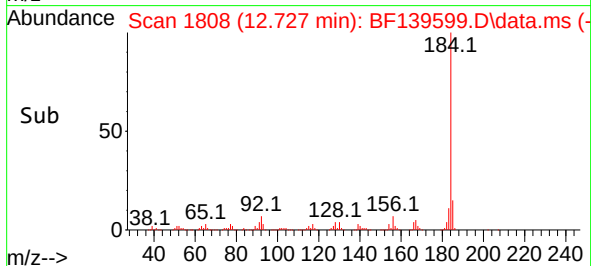


Tgt Ion:184 Resp: 43216
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 10.8 8.8 13.2

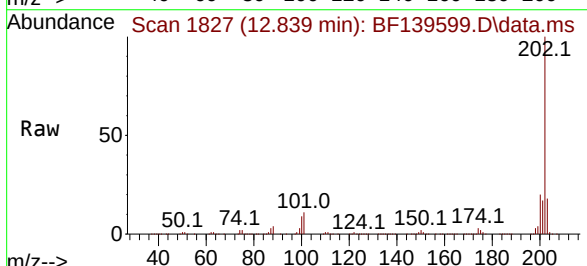
Manual Integrations

APPROVED

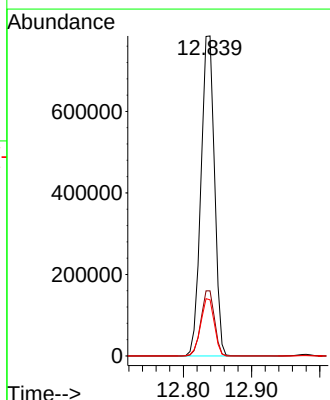
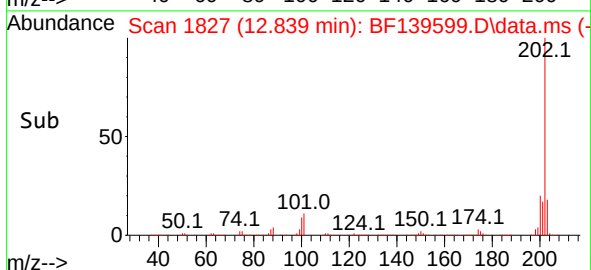
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

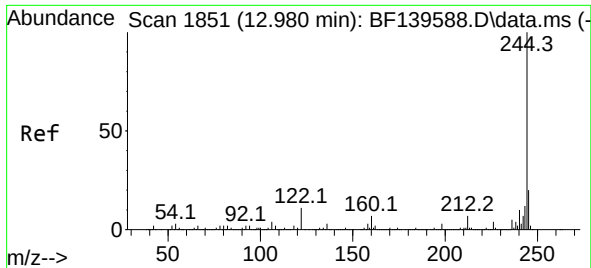


#78
Pyrene
Concen: 53.285 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39



Tgt Ion:202 Resp: 1085535
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.6
203 17.6 13.8 20.8





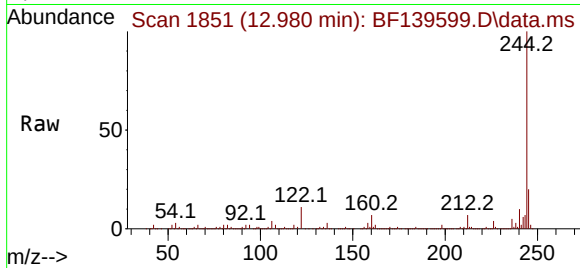
#79
 Terphenyl-d14
 Concen: 111.996 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF139599.D
 Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

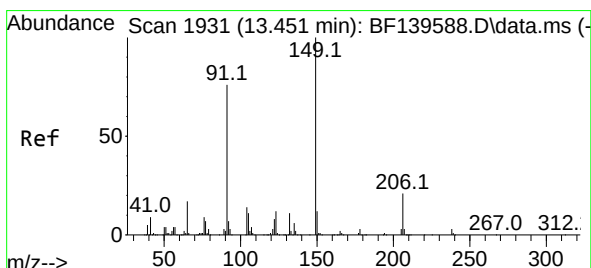
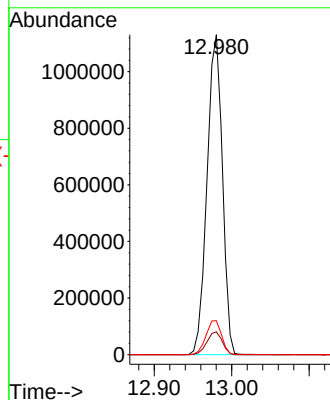
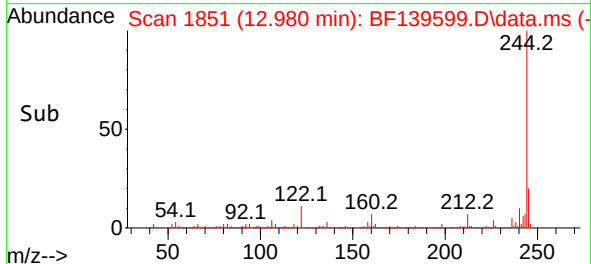


Tgt Ion:244 Resp: 1554708
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.6 8.6 12.8

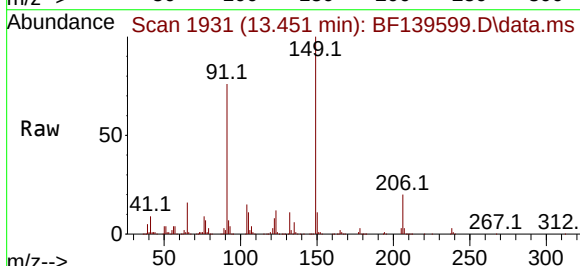
Manual Integrations

APPROVED

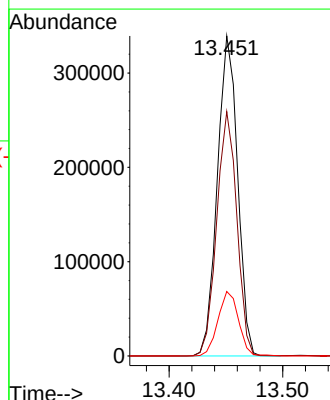
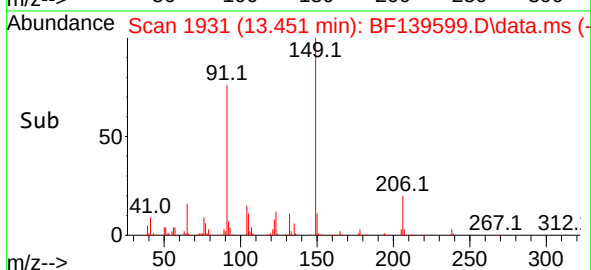
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

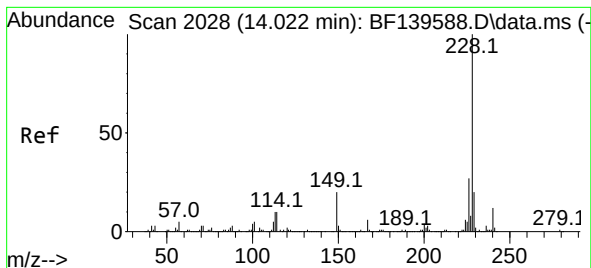


#80
 Butylbenzylphthalate
 Concen: 57.862 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139599.D
 Acq: 02 Oct 2024 11:39



Tgt Ion:149 Resp: 421640
 Ion Ratio Lower Upper
 149 100
 91 76.3 61.0 91.4
 206 20.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 55.917 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion:228 Resp: 83738

Ion Ratio Lower Upper

228 100

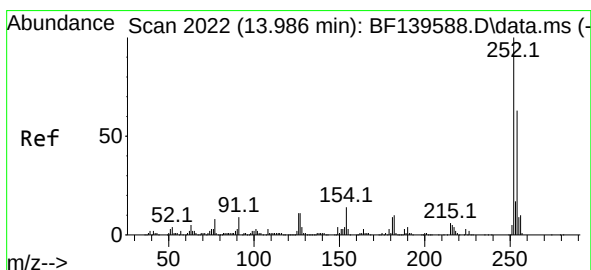
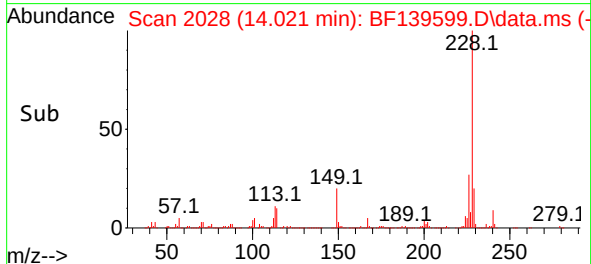
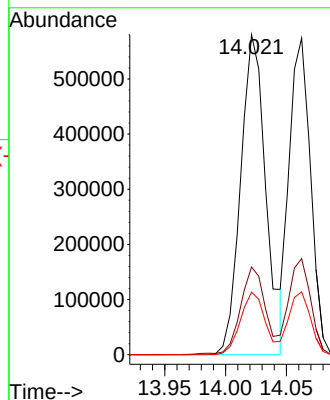
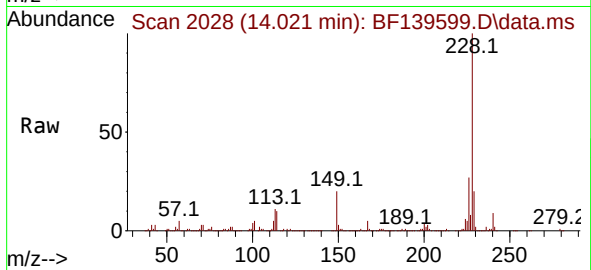
226 27.4 21.8 32.8

229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.730 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

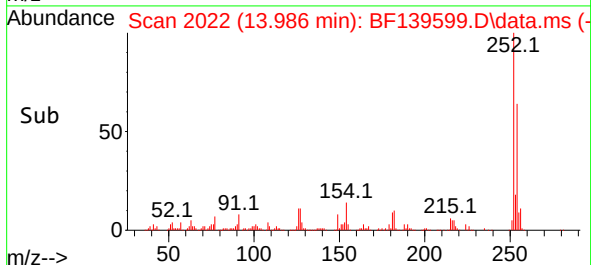
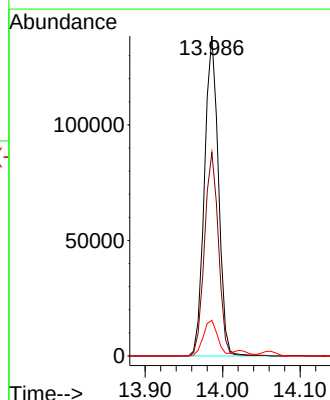
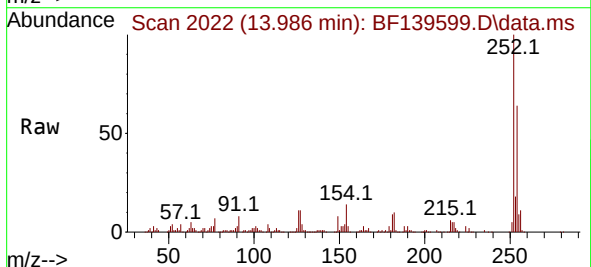
Tgt Ion:252 Resp: 172924

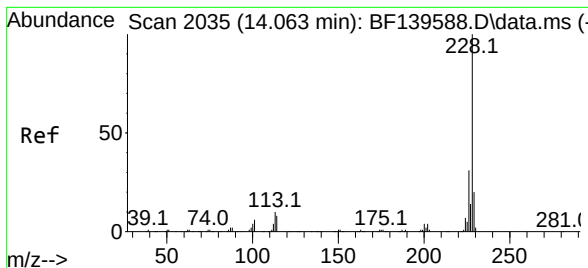
Ion Ratio Lower Upper

252 100

254 63.6 50.5 75.7

126 11.1 8.8 13.2





#83

Chrysene

Concen: 50.928 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

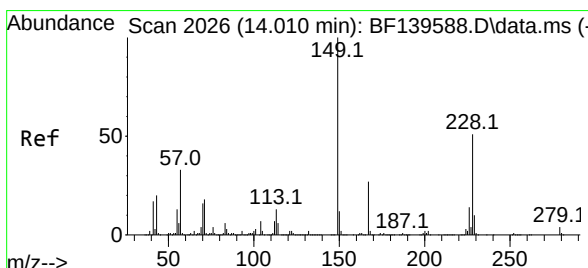
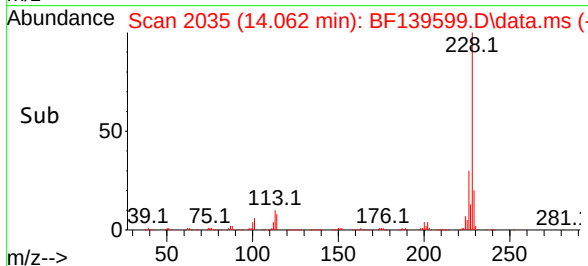
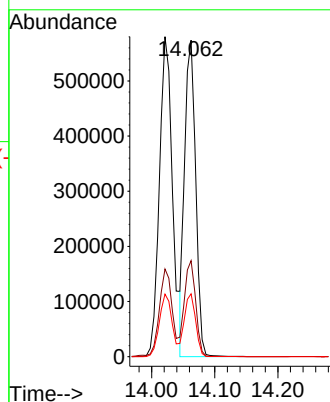
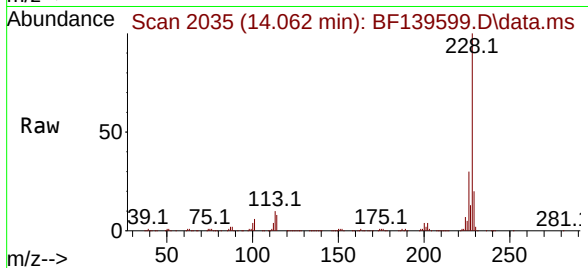
Tgt Ion:228 Resp: 69727

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.539 ng

RT: 14.009 min Scan# 2026

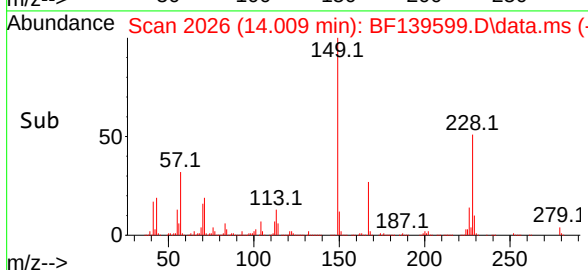
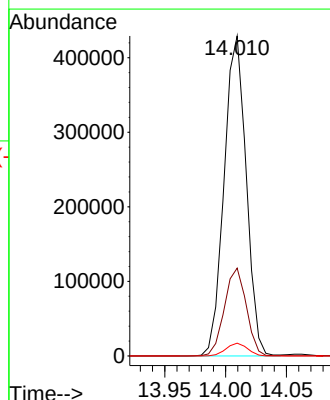
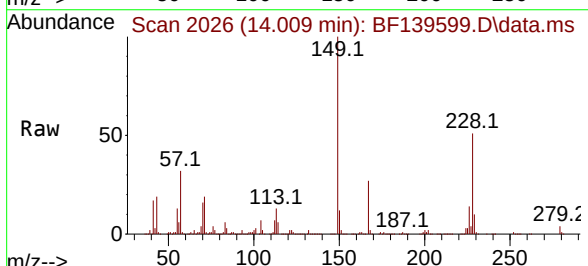
Delta R.T. -0.000 min

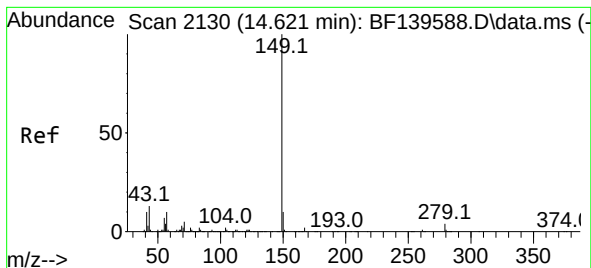
Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Tgt Ion:149 Resp: 541756

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.7	32.5
279	4.0	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 57.957 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion:149 Resp: 774758

Ion Ratio Lower Upper

149 100

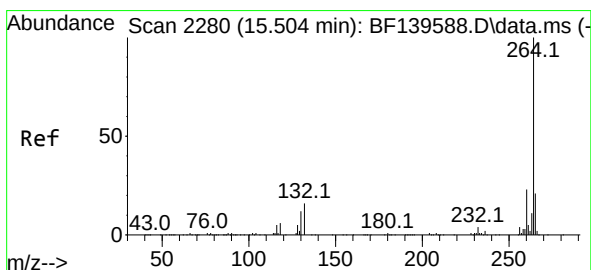
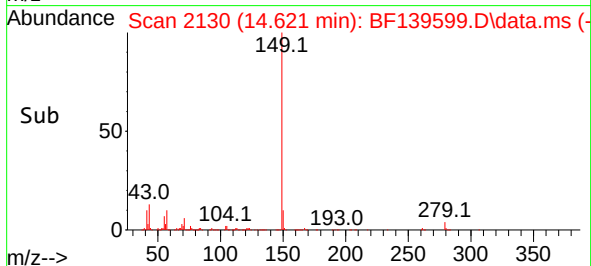
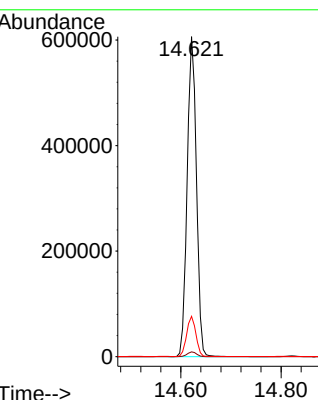
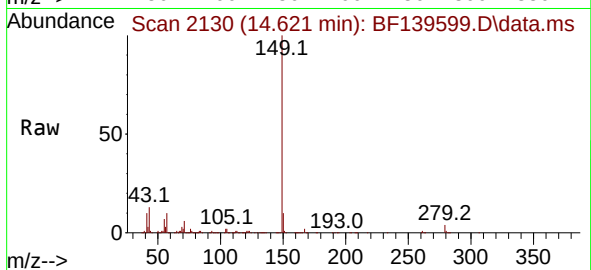
167 1.5 1.3 1.9

43 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

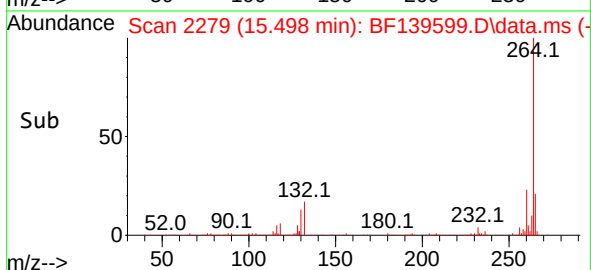
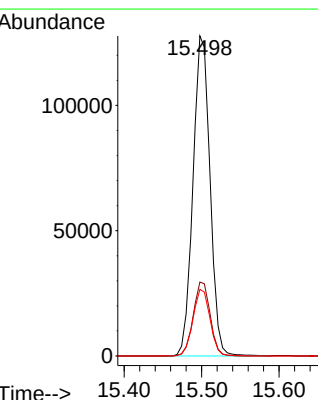
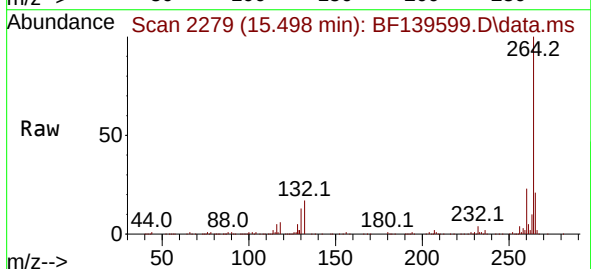
Tgt Ion:264 Resp: 194700

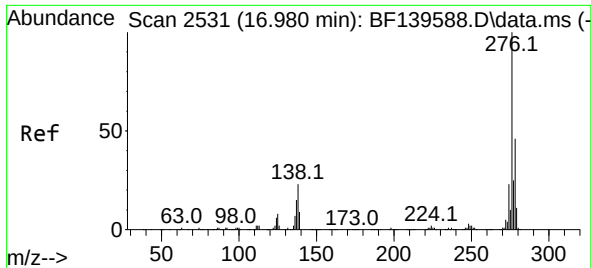
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.8 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.292 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

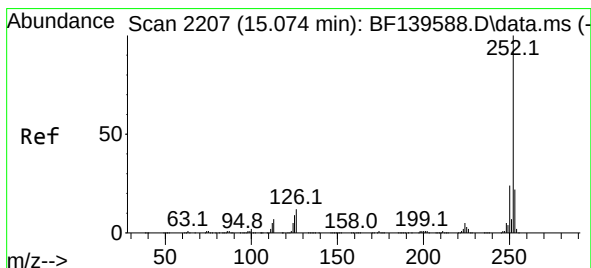
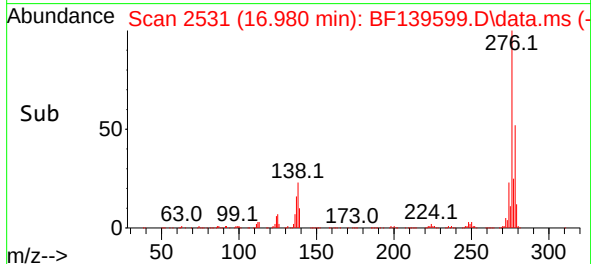
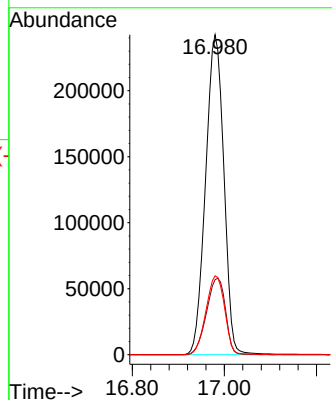
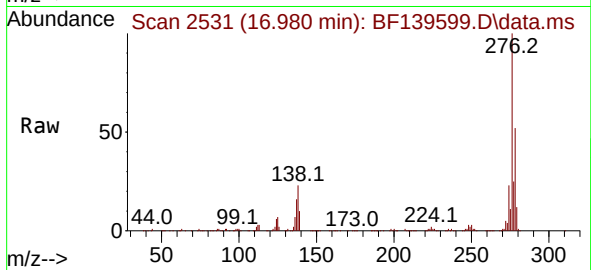
PB163811BS

Tgt Ion:276 Resp: 66800
Ion Ratio Lower Upper
276 100
138 24.8 19.4 29.0
277 25.3 20.2 30.2

Manual Integrations

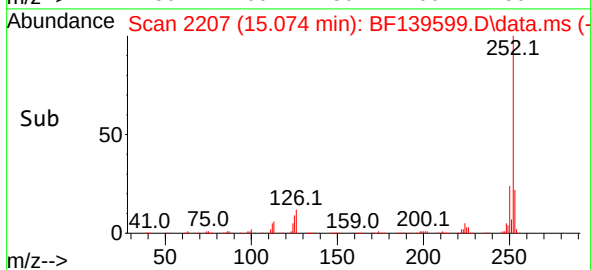
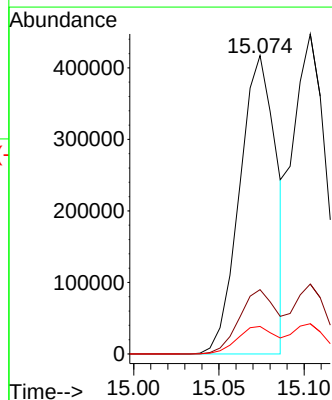
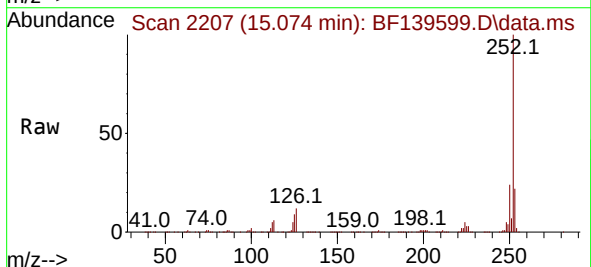
APPROVED

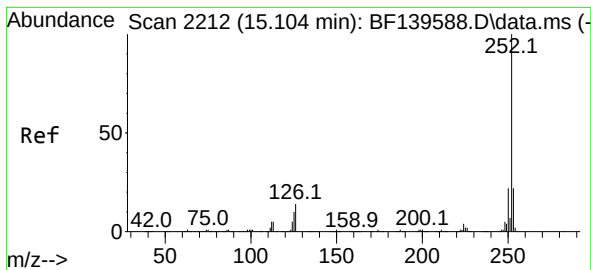
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#88
Benzo(b)fluoranthene
Concen: 49.485 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:252 Resp: 622970
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 57.282 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

ClientSampleId :

PB163811BS

Tgt Ion:252 Resp: 611708

Ion Ratio Lower Upper

252 100

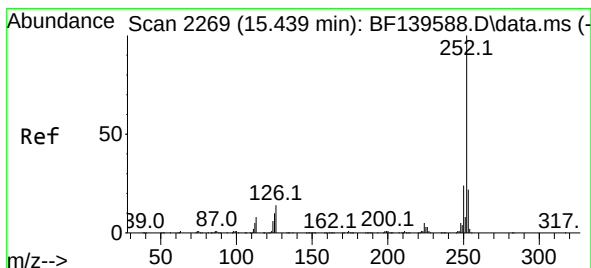
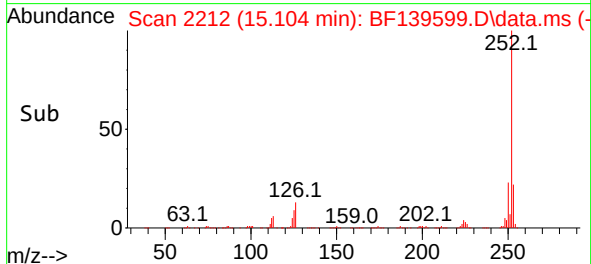
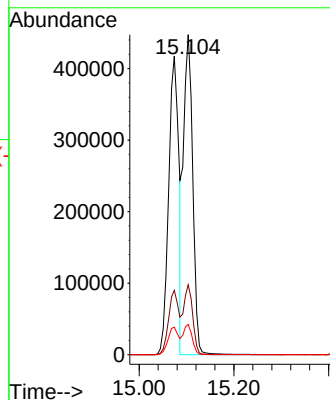
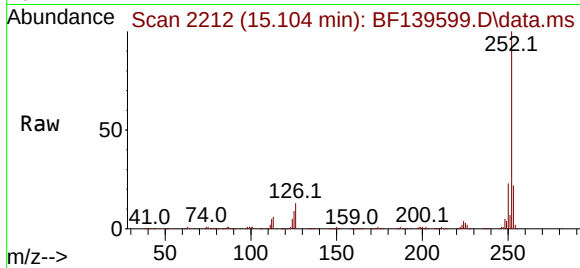
253 21.9 17.5 26.3

125 9.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#90

Benzo(a)pyrene

Concen: 58.069 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139599.D

Acq: 02 Oct 2024 11:39

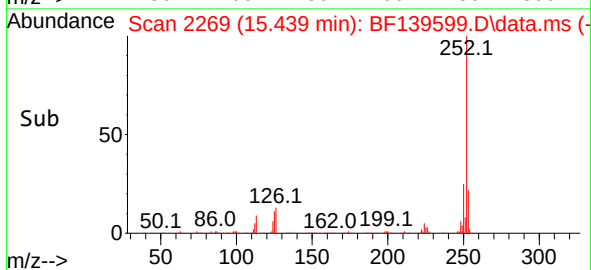
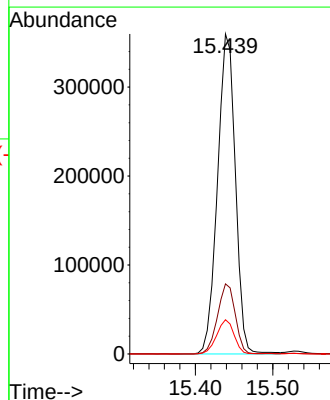
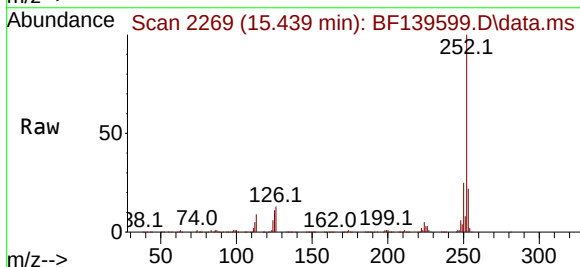
Tgt Ion:252 Resp: 576420

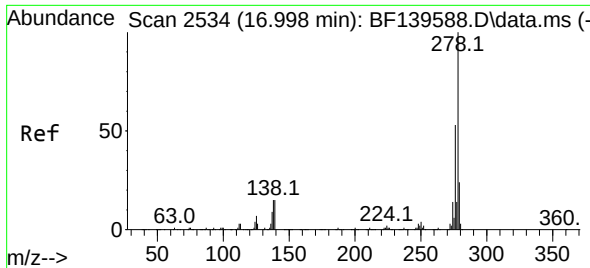
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.7 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 58.742 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Instrument :

BNA_F

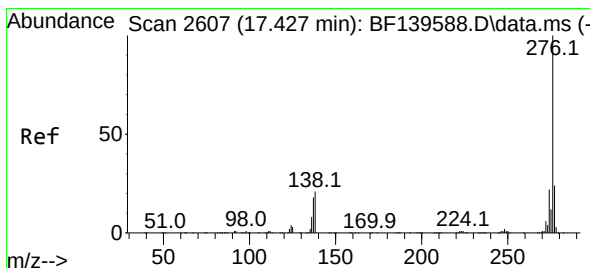
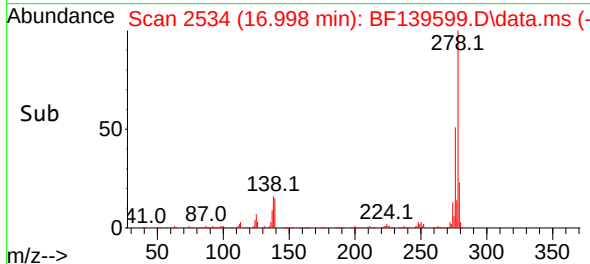
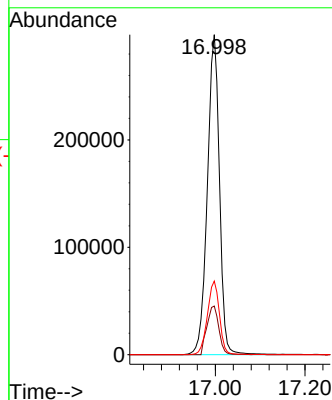
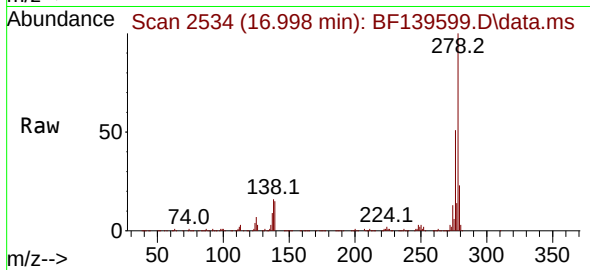
ClientSampleId :

PB163811BS

Tgt Ion:278 Resp: 558324
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.0 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#92
Benzo(g,h,i)perylene
Concen: 53.467 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139599.D
Acq: 02 Oct 2024 11:39

Tgt Ion:276 Resp: 509666
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 21.2 17.0 25.6

