

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139906.D
 Acq On : 21 Oct 2024 16:42
 Operator : RC/JU
 Sample : P4410-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MS

Quant Time: Oct 21 17:09:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	224528	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	790392	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	369108	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	591109	20.000	ng	0.00
76) Chrysene-d12	14.051	240	427241	20.000	ng	0.00
86) Perylene-d12	15.533	264	354492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	200100	13.952	ng	0.00
7) Phenol-d6	6.498	99	248534	13.380	ng	-0.01
23) Nitrobenzene-d5	7.445	82	143168	10.039	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	46430	13.448	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	265161	11.873	ng	0.00
79) Terphenyl-d14	12.992	244	258665	9.865	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	37585	5.621	ng	95
3) Pyridine	3.440	79	93358	5.632	ng	99
4) n-Nitrosodimethylamine	3.363	42	50552	5.677	ng	# 98
6) Aniline	6.545	93	66655	3.850	ng	98
8) 2-Chlorophenol	6.669	128	92109	6.282	ng	99
9) Benzaldehyde	6.434	77	23274	2.227	ng	98
10) Phenol	6.510	94	121780	6.359	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	92710	6.263	ng	100
12) 1,3-Dichlorobenzene	6.828	146	107876	6.409	ng	98
13) 1,4-Dichlorobenzene	6.910	146	109880	6.535	ng	96
14) 1,2-Dichlorobenzene	7.057	146	101492	6.467	ng	98
15) Benzyl Alcohol	7.022	79	81685	5.995	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149470	5.922	ng	98
17) 2-Methylphenol	7.128	107	76373	6.109	ng	97
18) Hexachloroethane	7.404	117	35320	5.890	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	68144	6.049	ng	100
20) 3+4-Methylphenols	7.281	107	97812	6.116	ng	94
22) Acetophenone	7.293	105	131231	6.779	ng	96
24) Nitrobenzene	7.463	77	95073	6.081	ng	98
25) Isophorone	7.704	82	170380	6.295	ng	99
26) 2-Nitrophenol	7.781	139	38577	6.540	ng	97
27) 2,4-Dimethylphenol	7.810	122	72550	7.376	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	102529	6.252	ng	99
29) 2,4-Dichlorophenol	8.016	162	70137	6.261	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	77363	6.241	ng	99
31) Naphthalene	8.192	128	272531	6.686	ng	99
32) Benzoic acid	7.863	122	45434	5.296	ng	97
33) 4-Chloroaniline	8.234	127	51379	3.696	ng	97
34) Hexachlorobutadiene	8.310	225	49724	6.384	ng	97
35) Caprolactam	8.563	113	20461	5.744	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	68607	5.531	ng	98
37) 2-Methylnaphthalene	8.881	142	162960	6.527	ng	99
38) 1-Methylnaphthalene	8.981	142	151135	6.170	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	74266	7.458	ng	99
41) Hexachlorocyclopentadiene	9.034	237	10887	3.142	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	49167	6.974	ng	99

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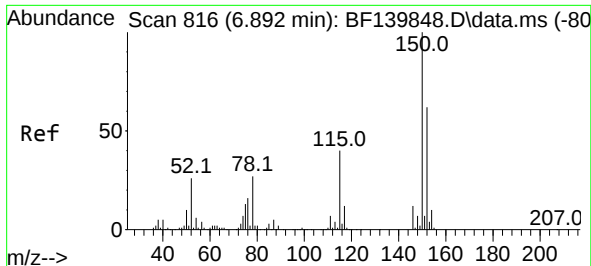
Quant Time: Oct 21 17:09:29 2024
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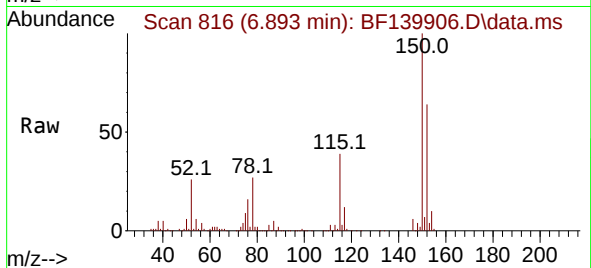
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	46302	6.366	ng	97
46) 1,1'-Biphenyl	9.345	154	182381	7.098	ng	99
47) 2-Chloronaphthalene	9.369	162	140679	6.798	ng	99
48) 2-Nitroaniline	9.457	65	38610	6.100	ng	99
49) Acenaphthylene	9.786	152	212714	7.110	ng	99
50) Dimethylphthalate	9.639	163	155184	6.750	ng	100
51) 2,6-Dinitrotoluene	9.698	165	29064	5.838	ng	97
52) Acenaphthene	9.957	154	139181	7.191	ng	99
53) 3-Nitroaniline	9.869	138	25717	5.010	ng	96
54) 2,4-Dinitrophenol	9.969	184	15469	13.397	ng	92
55) Dibenzofuran	10.128	168	189367	6.819	ng	97
56) 4-Nitrophenol	10.010	139	46063	11.663	ng	98
57) 2,4-Dinitrotoluene	10.098	165	36479	5.959	ng	# 99
58) Fluorene	10.475	166	144754	6.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	38117	6.685	ng	# 94
60) Diethylphthalate	10.339	149	137838	6.106	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	69086	6.468	ng	96
62) 4-Nitroaniline	10.475	138	25045	5.166	ng	95
63) Azobenzene	10.622	77	148901	6.222	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	10864	4.506	ng	95
66) n-Nitrosodiphenylamine	10.581	169	119751	6.769	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	38782	6.369	ng	99
68) Hexachlorobenzene	11.022	284	50309	7.346	ng	95
69) Atrazine	11.104	200	38142	7.959	ng	100
70) Pentachlorophenol	11.210	266	63532	15.285	ng	99
71) Phenanthrene	11.433	178	229028	8.203	ng	99
72) Anthracene	11.486	178	213036	7.820	ng	99
73) Carbazole	11.639	167	170858	6.744	ng	99
74) Di-n-butylphthalate	11.975	149	200037	6.834	ng	99
75) Fluoranthene	12.622	202	275969	9.777	ng	99
77) Benzidine	12.745	184	25861	3.681	ng	# 92
78) Pyrene	12.851	202	319658	8.548	ng	99
80) Butylbenzylphthalate	13.474	149	79384	7.080	ng	99
81) Benzo(a)anthracene	14.039	228	216608	7.788	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	35297	4.353	ng	98
83) Chrysene	14.074	228	211121	8.279	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	108575	8.631	ng	99
85) Di-n-octyl phthalate	14.645	149	166402	7.273	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.021	276	152706	6.696	ng	97
88) Benzo(b)fluoranthene	15.092	252	187174	8.668	ng	97
89) Benzo(k)fluoranthene	15.121	252	143683m	7.715	ng	
90) Benzo(a)pyrene	15.468	252	156486	8.807	ng	95
91) Dibenzo(a,h)anthracene	17.039	278	114000	5.992	ng	99
92) Benzo(g,h,i)perylene	17.468	276	123451	6.496	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

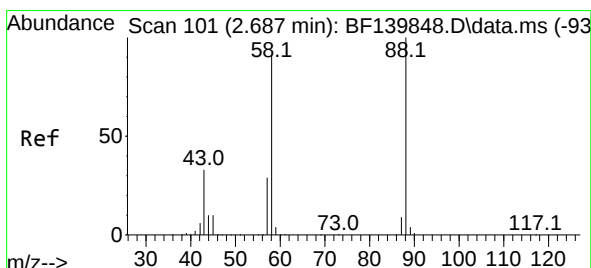
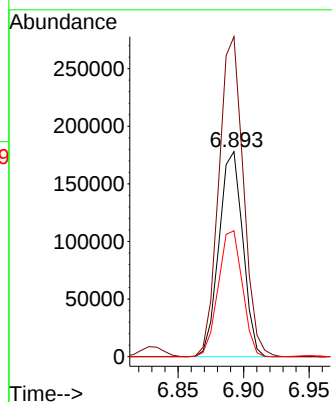
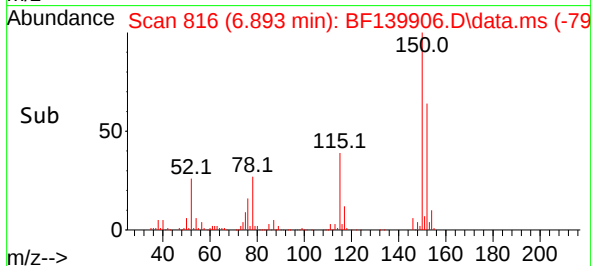
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:152 Resp: 224528
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 61.4 51.4 77.2

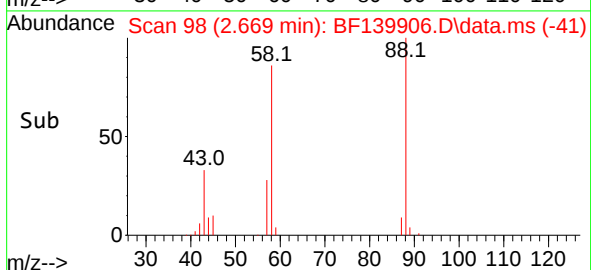
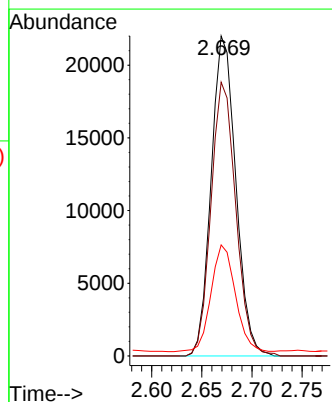
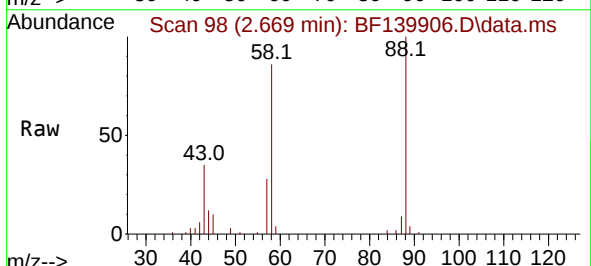
Manual Integrations
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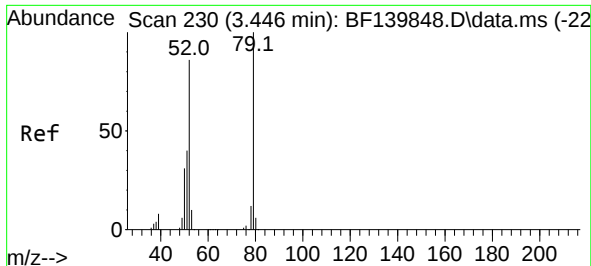
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#2
1,4-Dioxane
Concen: 5.621 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.017 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 88 Resp: 37585
Ion Ratio Lower Upper
88 100
58 86.1 73.3 109.9
43 32.9 27.1 40.7





#3

Pyridine

Concen: 5.632 ng

RT: 3.440 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

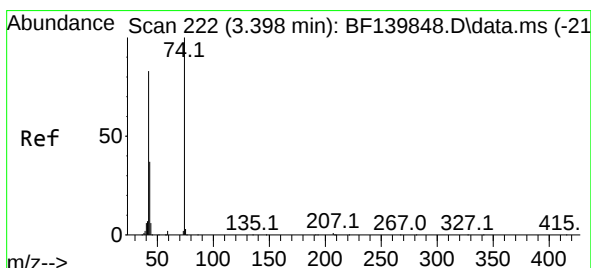
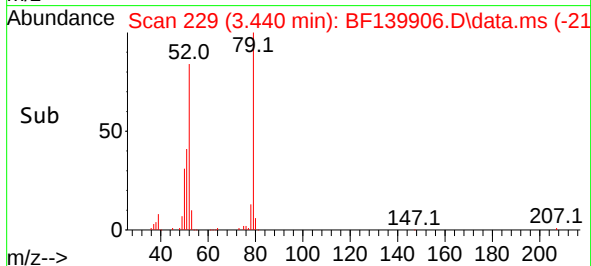
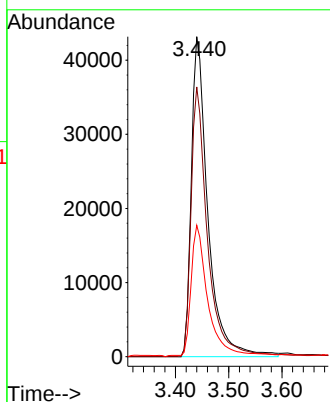
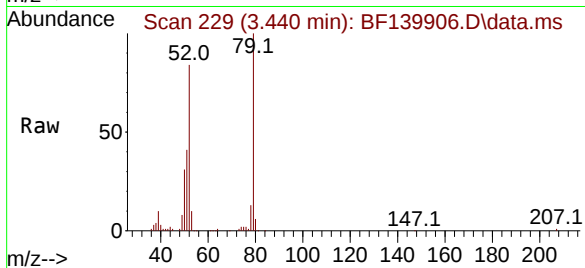
ClientSampleId :

TR-04-101524MS

Tgt Ion: 79 Resp: 93358
 Ion Ratio Lower Upper
 79 100
 52 84.3 68.5 102.7
 51 41.0 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 5.677 ng

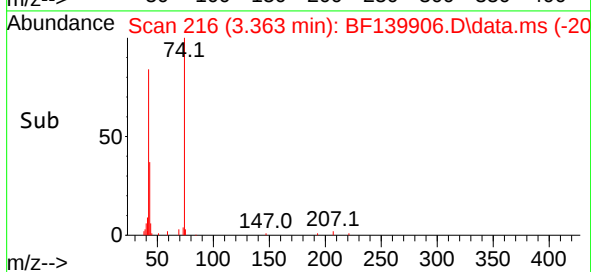
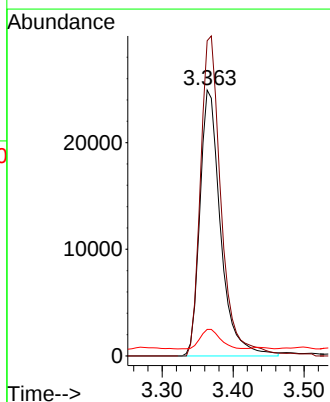
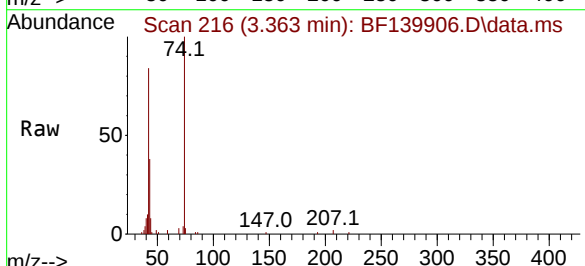
RT: 3.363 min Scan# 216

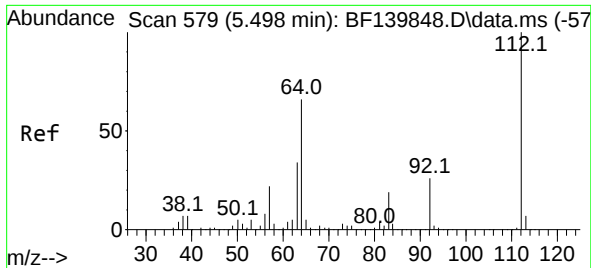
Delta R.T. -0.035 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion: 42 Resp: 50552
 Ion Ratio Lower Upper
 42 100
 74 118.5 96.2 144.4
 44 10.0 6.2 9.2#





#5
2-Fluorophenol
Concen: 13.952 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

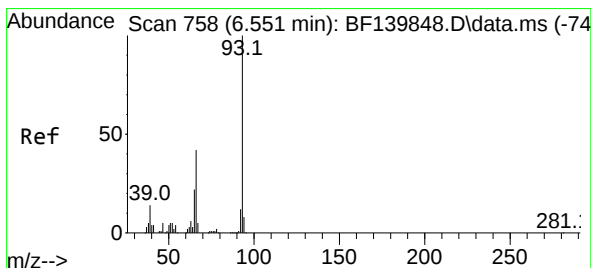
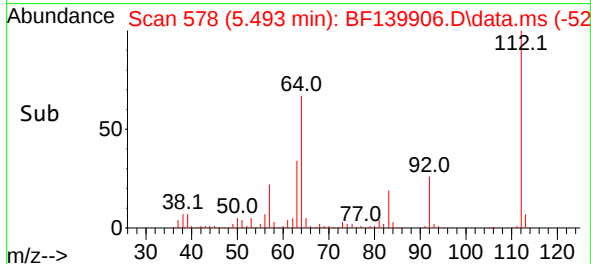
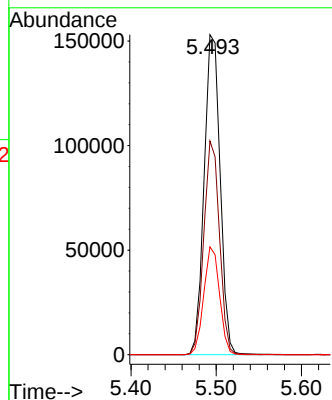
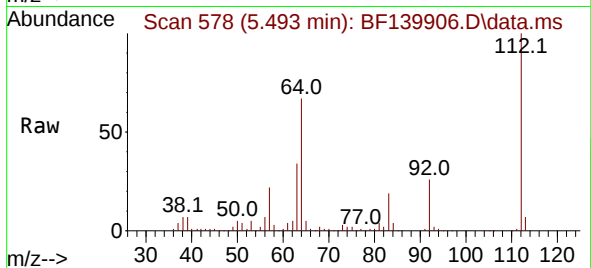
TR-04-101524MS

Tgt Ion:112 Resp: 200100
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 33.7 27.0 40.4

Manual Integrations

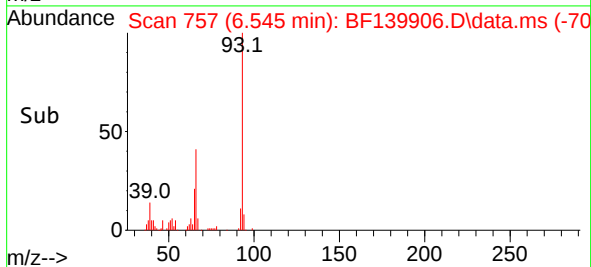
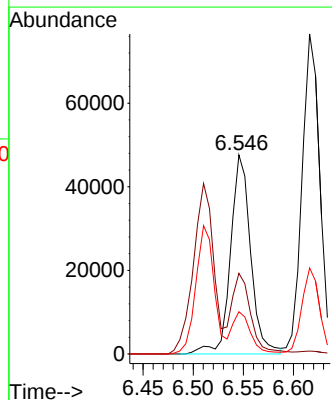
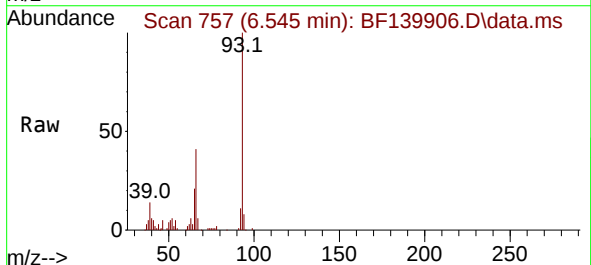
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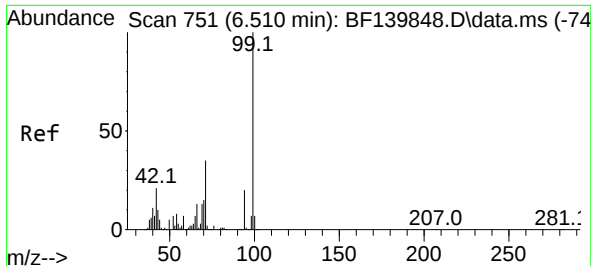
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#6
Aniline
Concen: 3.850 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 93 Resp: 66655
Ion Ratio Lower Upper
93 100
66 40.5 34.0 51.0
65 21.2 17.4 26.0





#7

Phenol-d6

Concen: 13.380 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

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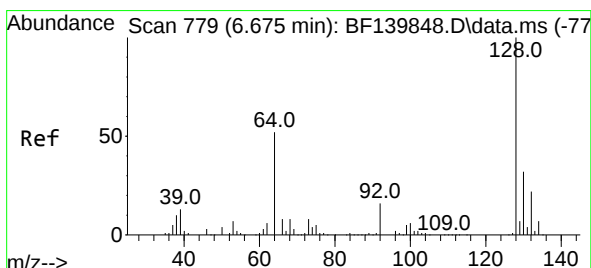
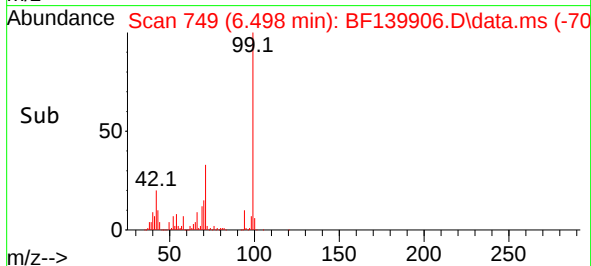
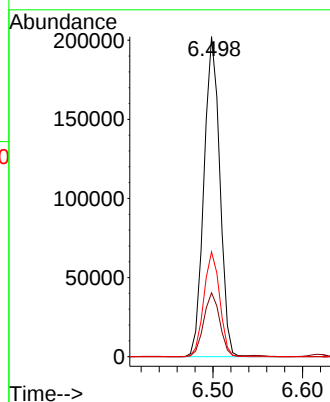
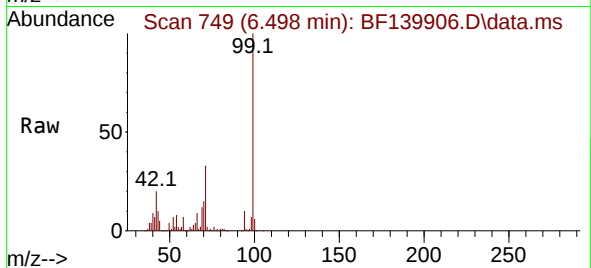
Tgt Ion:	99	Resp:	248534
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	32.7	27.7	41.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 6.282 ng

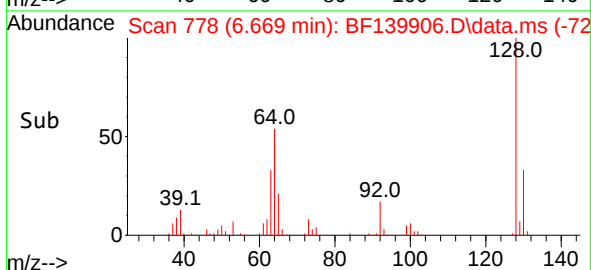
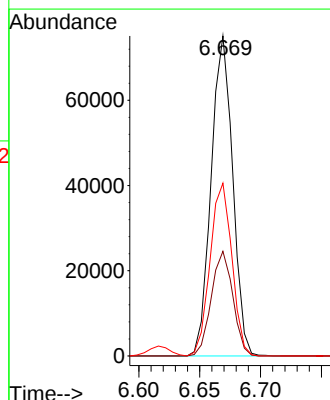
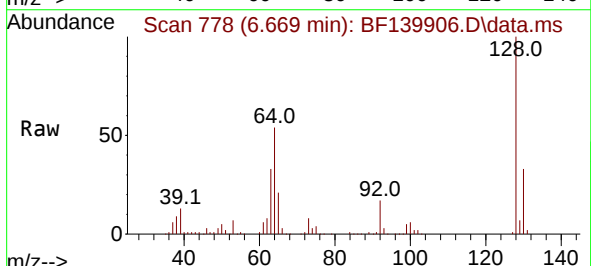
RT: 6.669 min Scan# 778

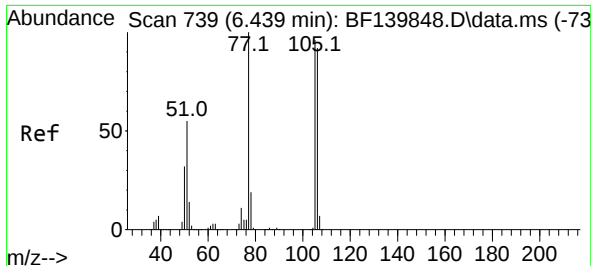
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	128	Resp:	92109
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	54.0	34.6	74.6





#9

Benzaldehyde

Concen: 2.227 ng

RT: 6.434 min Scan# 711

Delta R.T. -0.005 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

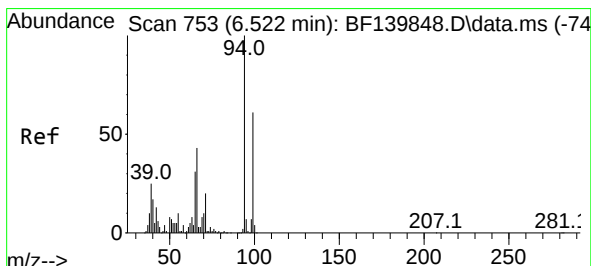
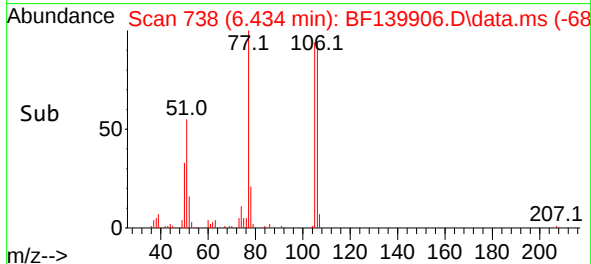
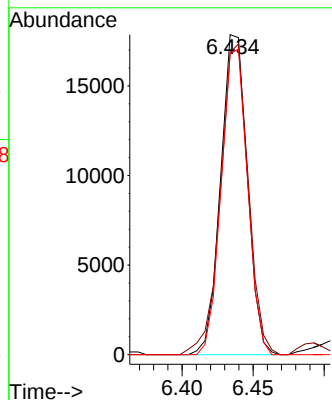
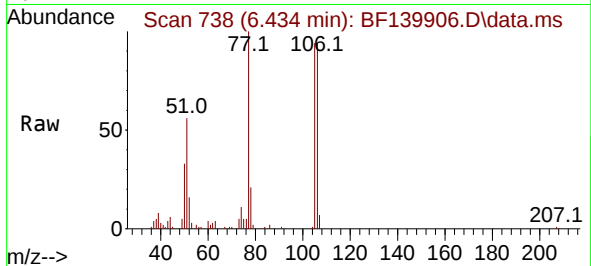
Tgt Ion:	77	Resp:	23274
Ion	Ratio	Lower	Upper
77	100		
105	94.4	75.5	115.5
106	94.0	71.7	111.7

Manual Integrations

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Supervised By :mohammad ahmed 10/23/2024



#10

Phenol

Concen: 6.359 ng

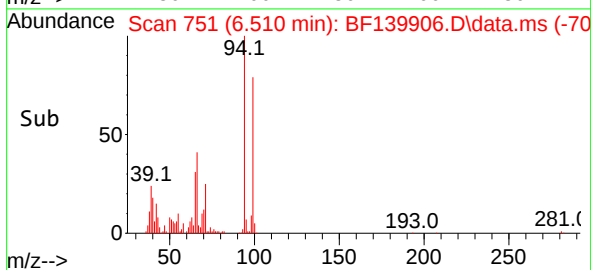
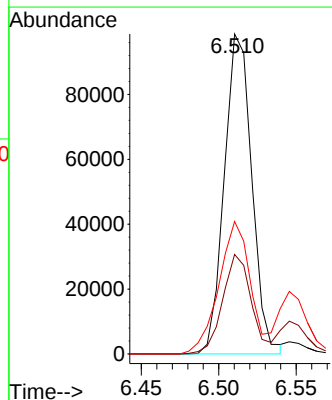
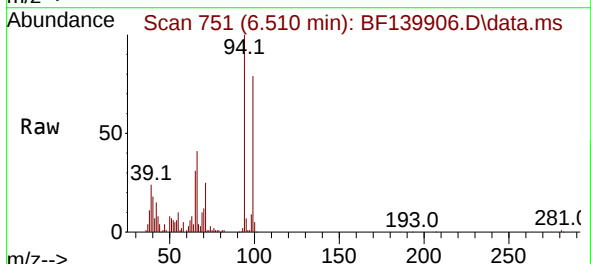
RT: 6.510 min Scan# 751

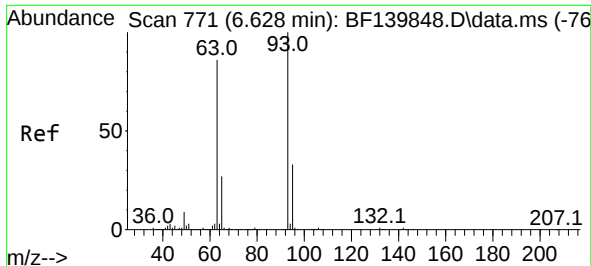
Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	94	Resp:	121780
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.1	51.1
66	41.4	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 6.263 ng

RT: 6.616 min Scan# 771

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

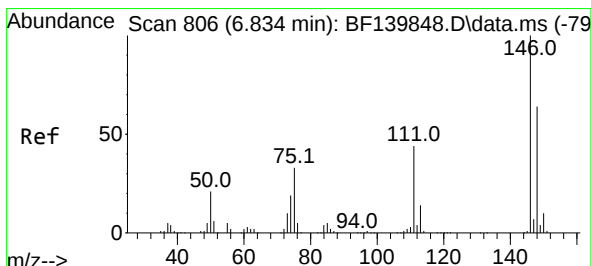
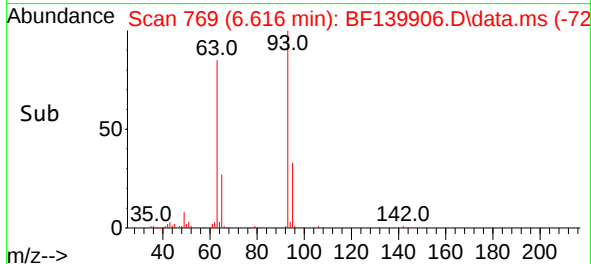
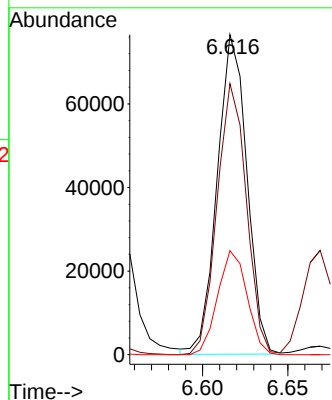
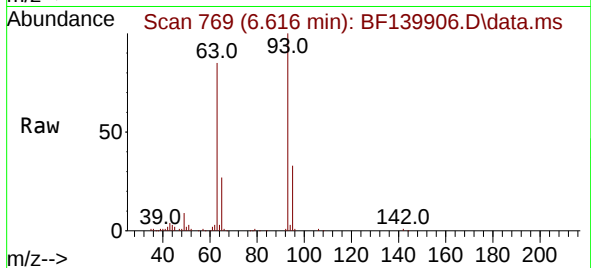
Tgt Ion:	93	Resp:	92710
Ion	Ratio	Lower	Upper
93	100		
63	84.7	65.0	105.0
95	32.5	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#12

1,3-Dichlorobenzene

Concen: 6.409 ng

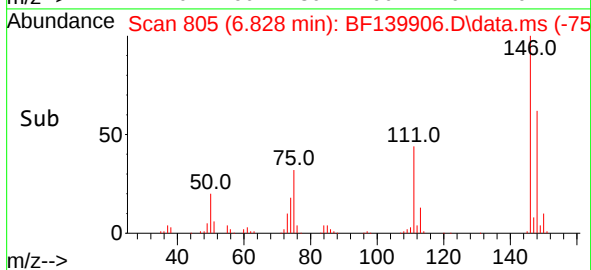
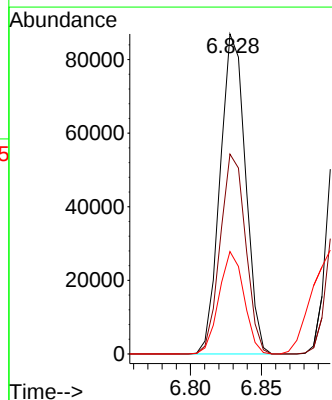
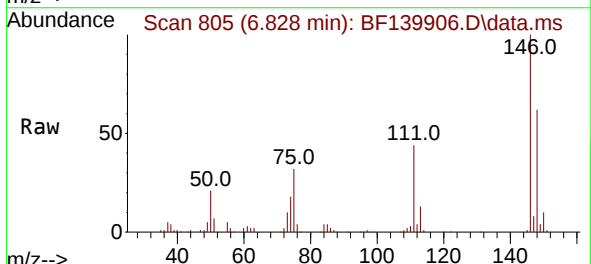
RT: 6.828 min Scan# 805

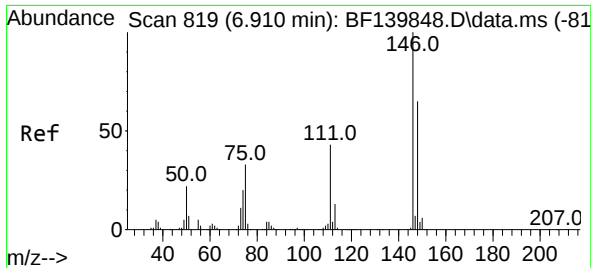
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	146	Resp:	107876
Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	32.0	26.4	39.6





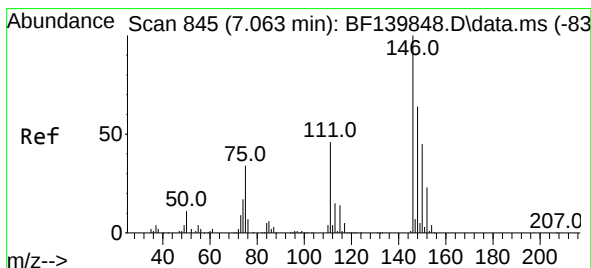
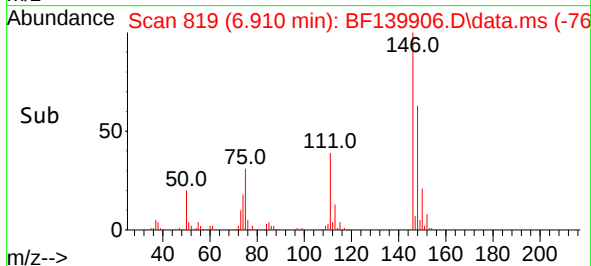
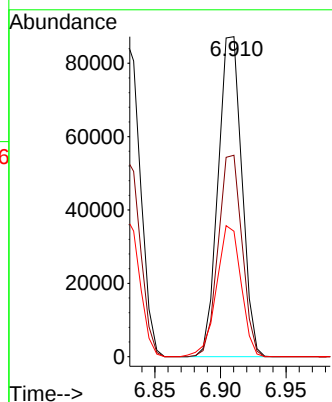
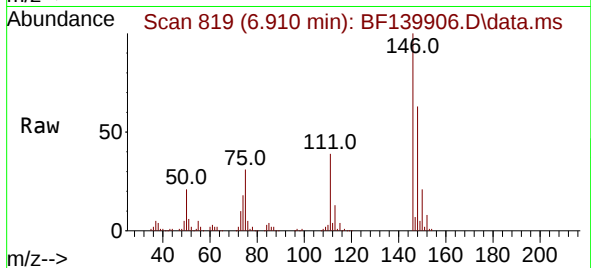
#13
1,4-Dichlorobenzene
Concen: 6.535 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:146 Resp: 109880
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
111 39.2 34.6 51.8

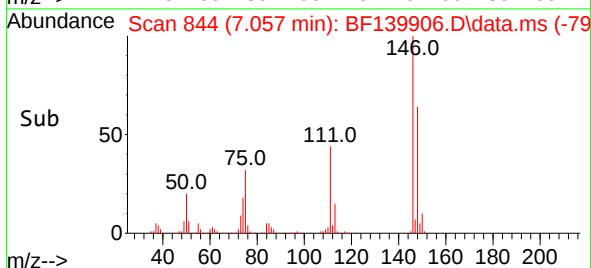
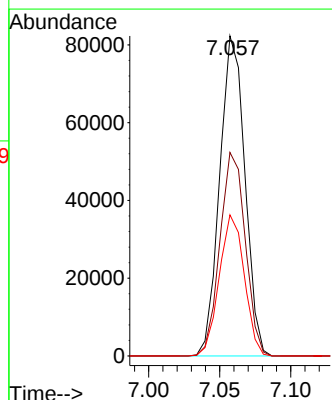
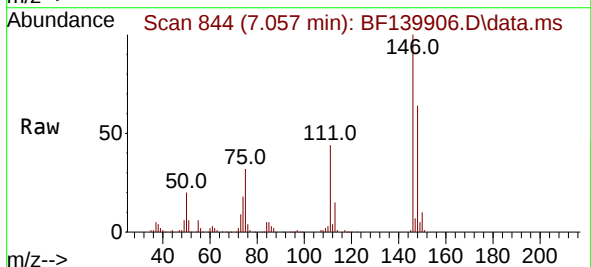
Manual Integrations
APPROVED

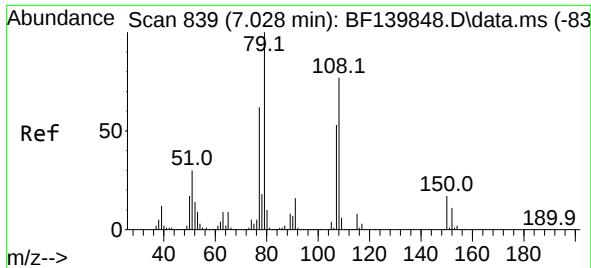
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#14
1,2-Dichlorobenzene
Concen: 6.467 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

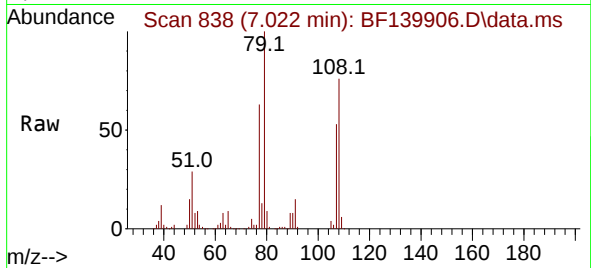
Tgt Ion:146 Resp: 101492
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 44.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 5.995 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

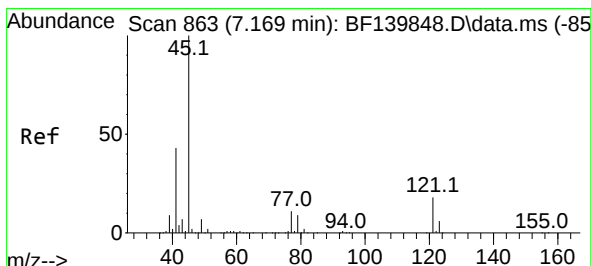
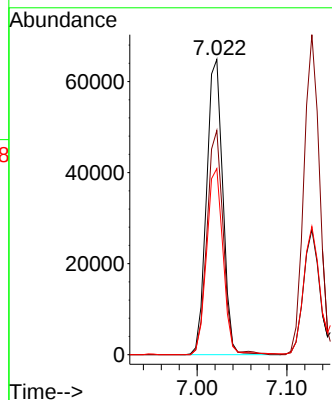
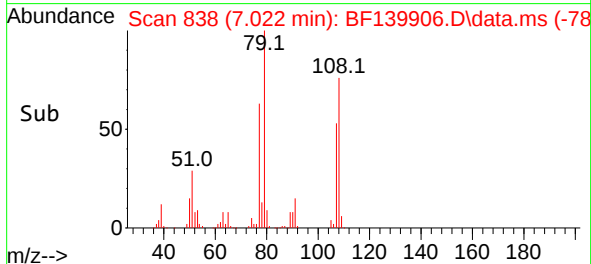
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion: 79 Resp: 8168
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 63.0 49.9 74.9

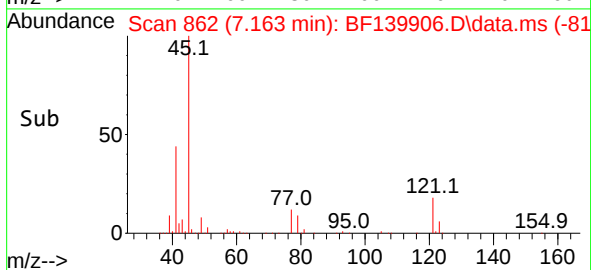
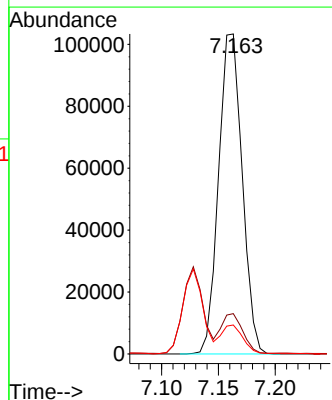
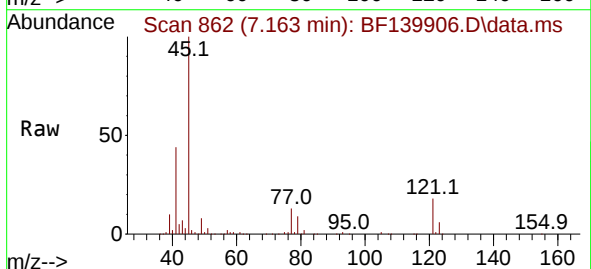
Manual Integrations
APPROVED

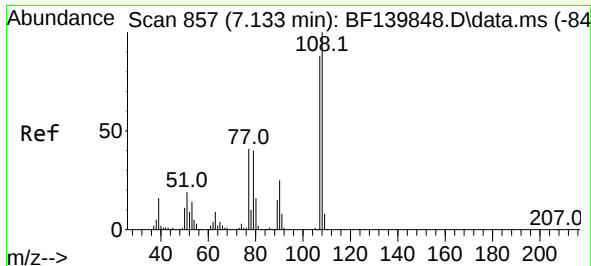
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.922 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 45 Resp: 149470
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.1 0.0 29.1





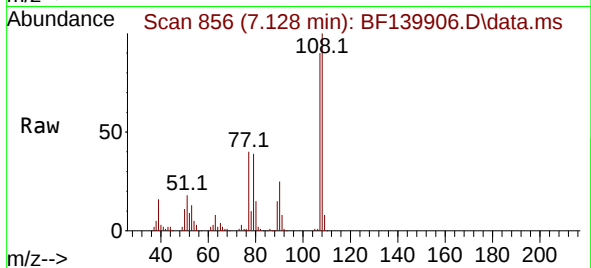
#17
2-Methylphenol
Concen: 6.109 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

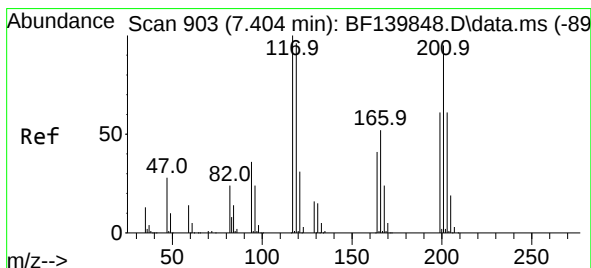
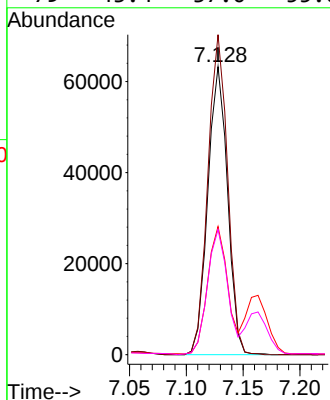
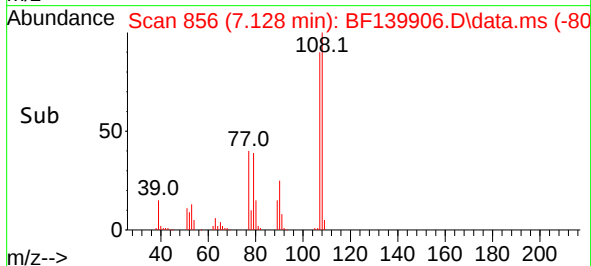


Tgt Ion:107 Resp: 7637
Ion Ratio Lower Upper
107 100
108 111.1 91.3 136.9
77 44.5 37.1 55.7
79 43.4 37.0 55.6

Manual Integrations

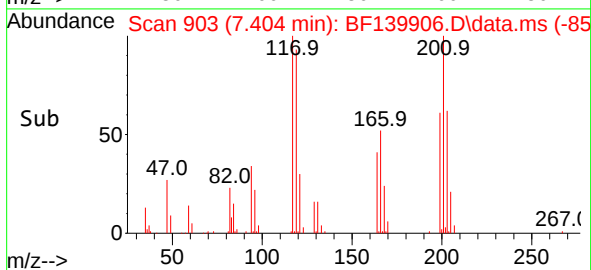
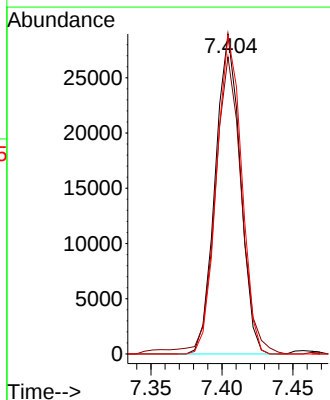
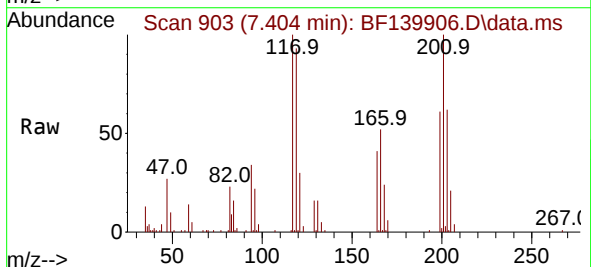
APPROVED

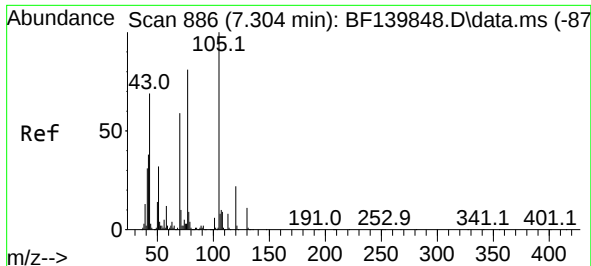
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#18
Hexachloroethane
Concen: 5.890 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:117 Resp: 35320
Ion Ratio Lower Upper
117 100
119 92.8 77.0 115.4
201 99.6 76.2 114.4





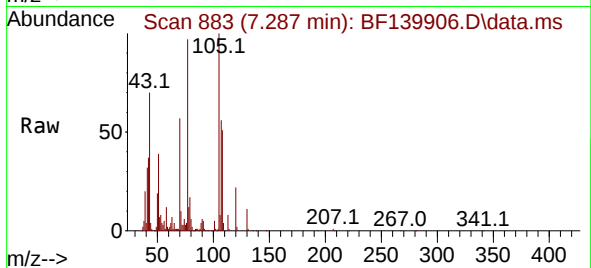
#19
n-Nitroso-di-n-propylamine
Concen: 6.049 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

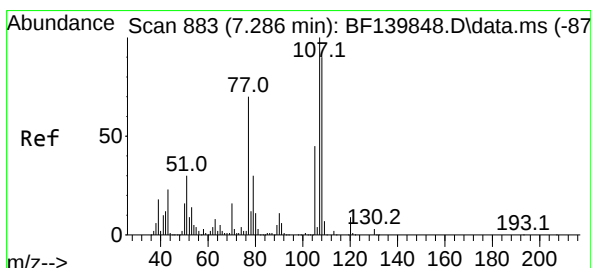
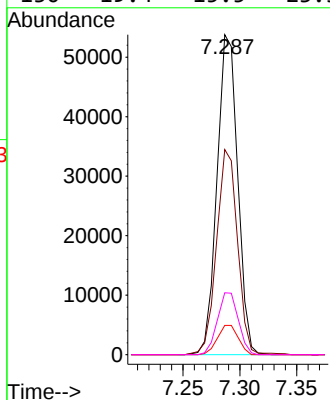
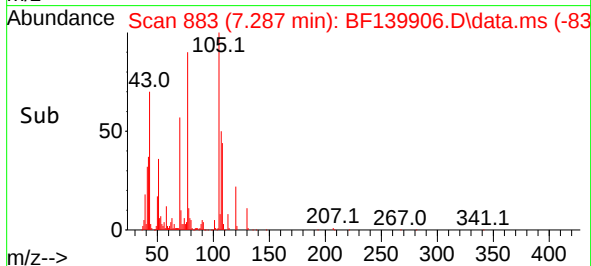


Tgt Ion: 70 Resp: 6814
Ion Ratio Lower Upper
70 100
42 64.1 51.5 77.3
101 9.2 7.5 11.3
130 19.4 15.5 23.3

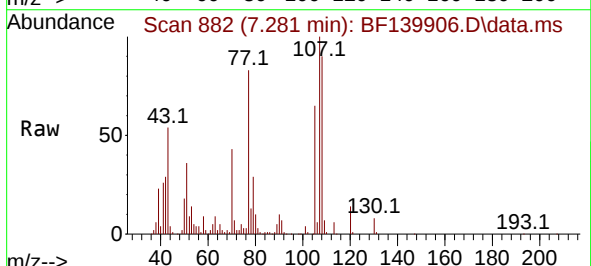
Manual Integrations

APPROVED

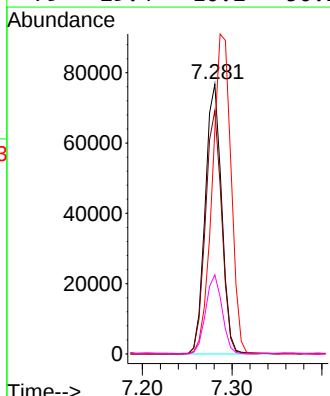
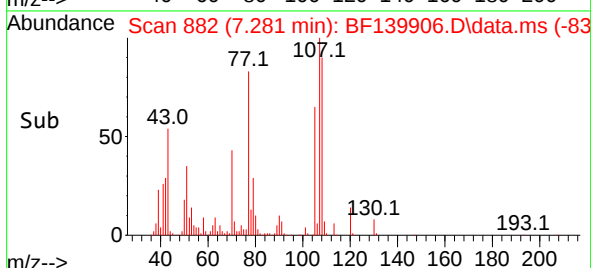
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

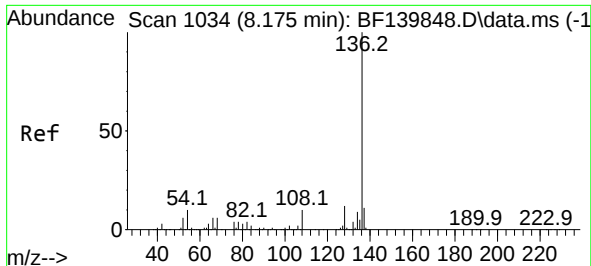


#20
3+4-Methylphenols
Concen: 6.116 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



Tgt Ion:107 Resp: 97812
Ion Ratio Lower Upper
107 100
108 90.1 69.8 109.8
77 82.8 50.5 90.5
79 29.4 10.2 50.2





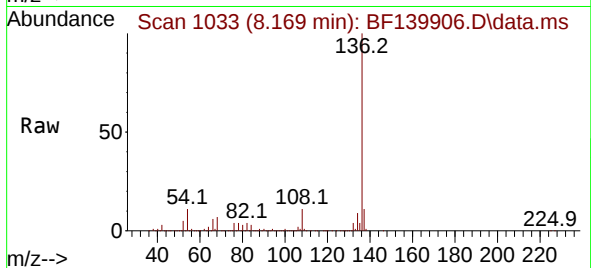
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS



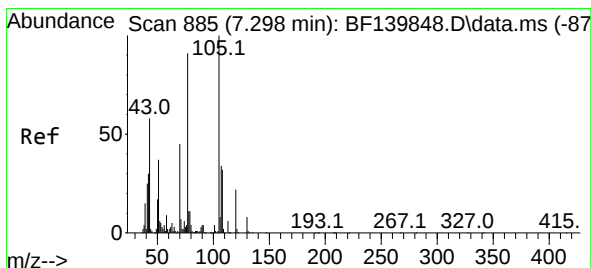
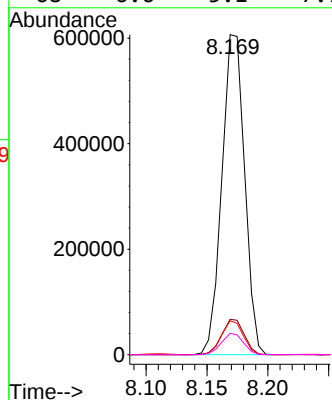
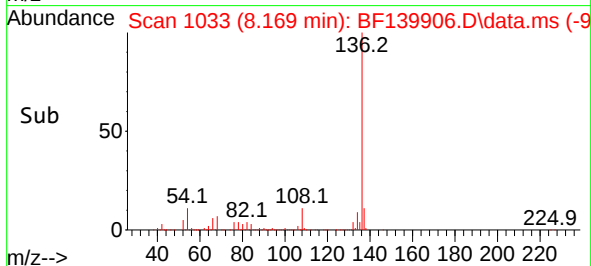
Tgt Ion:136 Resp: 790392
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.6 8.4 12.6
68 6.6 5.1 7.7

Manual Integrations

APPROVED

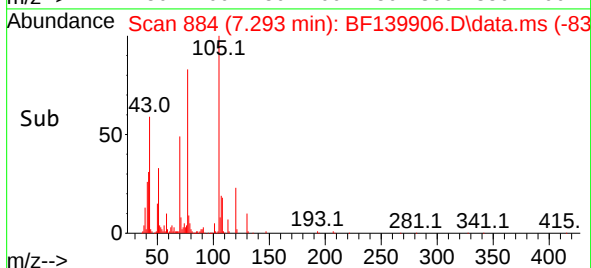
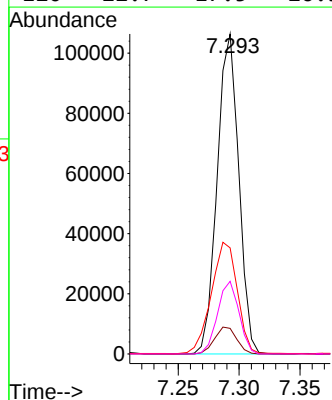
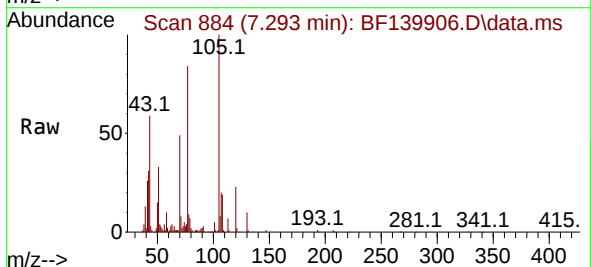
Reviewed By :Yogesh Patel 10/22/2024

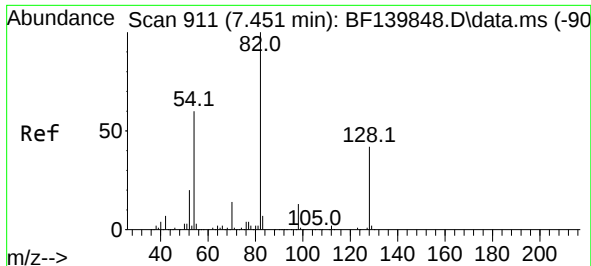
Supervised By :mohammad ahmed 10/23/2024



#22
Acetophenone
Concen: 6.779 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:105 Resp: 131231
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 33.2 29.4 44.2
120 22.7 17.5 26.3





#23
Nitrobenzene-d5
Concen: 10.039 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

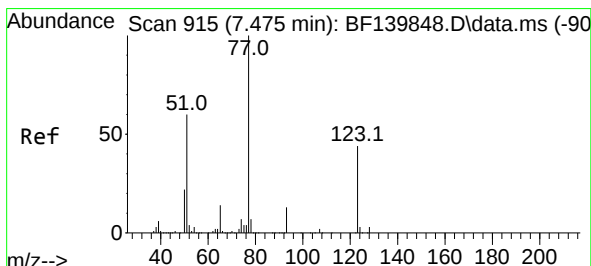
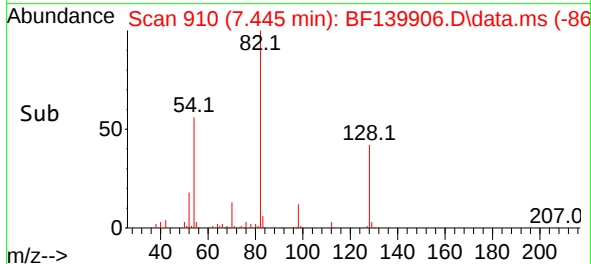
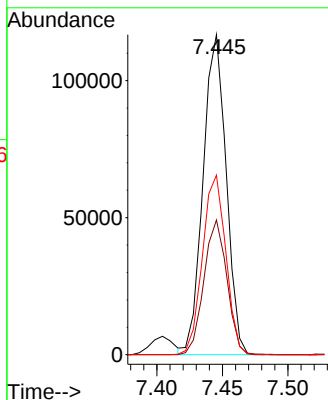
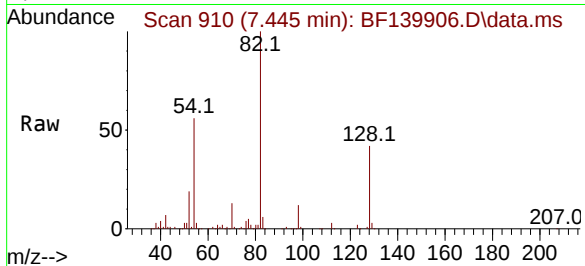
ClientSampleId :

TR-04-101524MS

Tgt Ion: 82 Resp: 143168
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 56.1 47.8 71.8

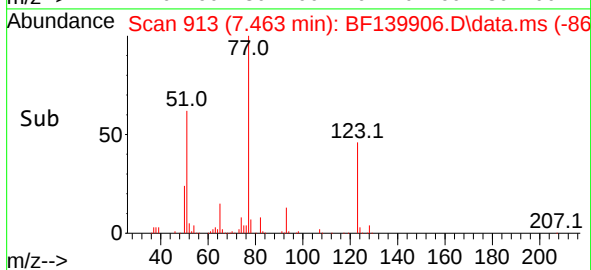
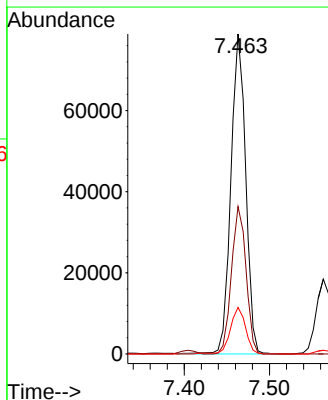
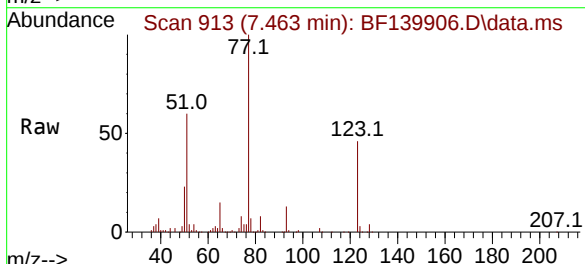
Manual Integrations
APPROVED

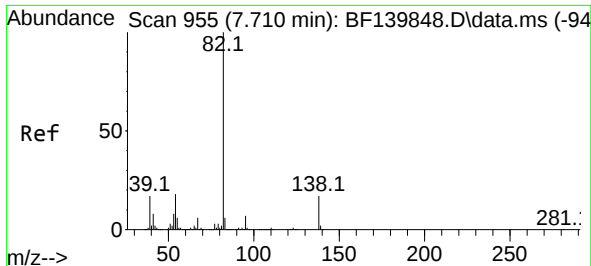
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#24
Nitrobenzene
Concen: 6.081 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 77 Resp: 95073
Ion Ratio Lower Upper
77 100
123 46.0 35.7 53.5
65 14.6 11.5 17.3





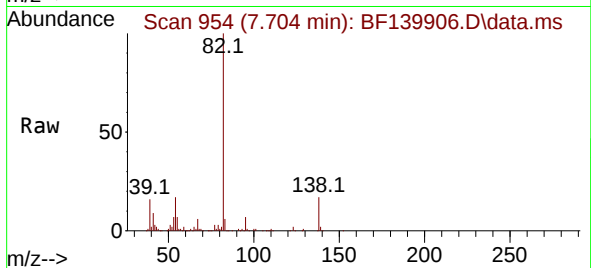
#25
Isophorone
Concen: 6.295 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

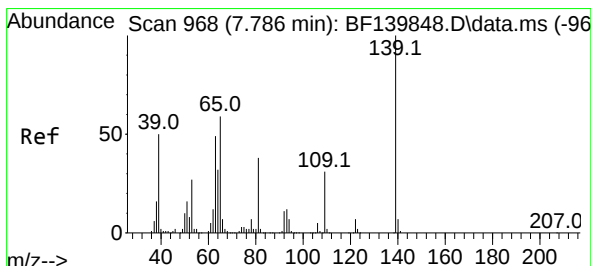
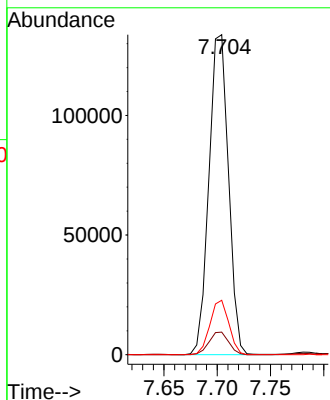
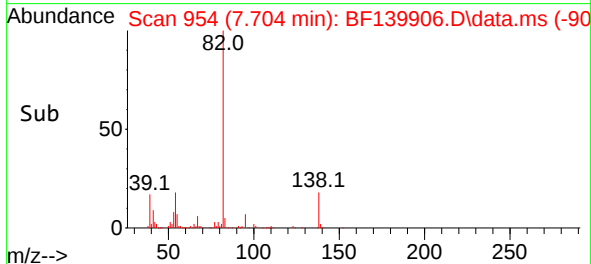
TR-04-101524MS



Tgt Ion: 82 Resp: 170380
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.0 13.2 19.8

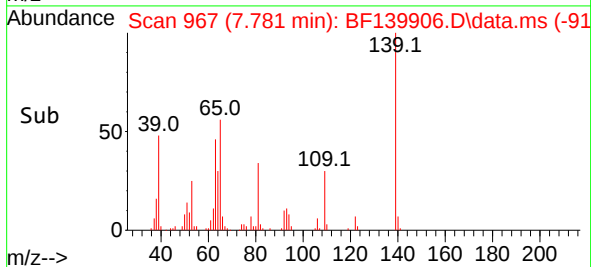
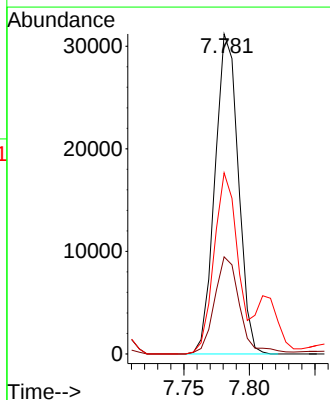
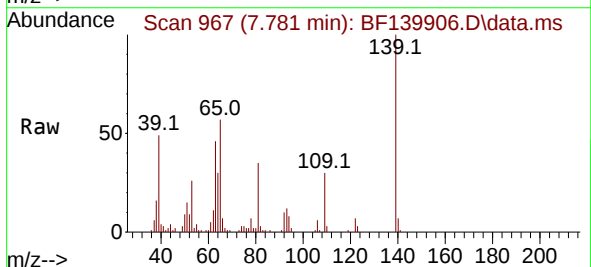
Manual Integrations
APPROVED

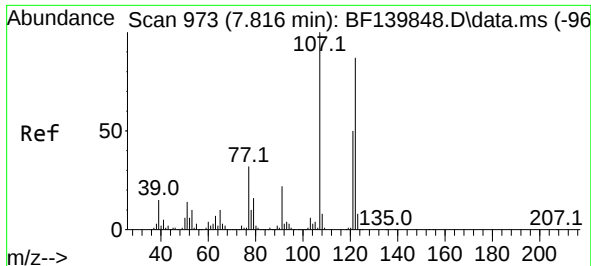
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#26
2-Nitrophenol
Concen: 6.540 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

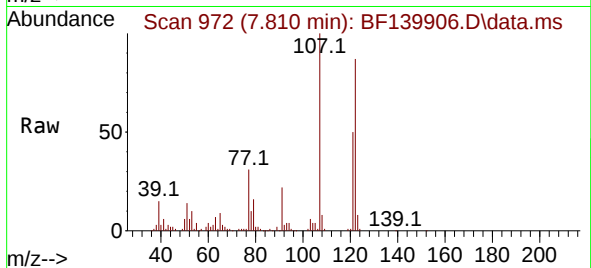
Tgt Ion:139 Resp: 38577
Ion Ratio Lower Upper
139 100
109 30.3 25.1 37.7
65 56.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 7.376 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

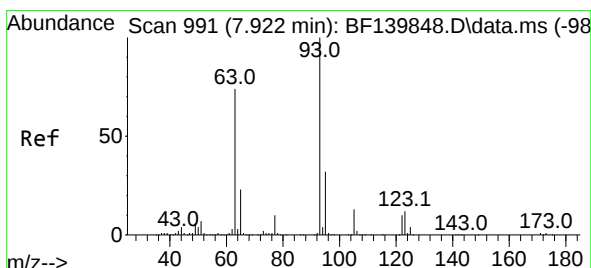
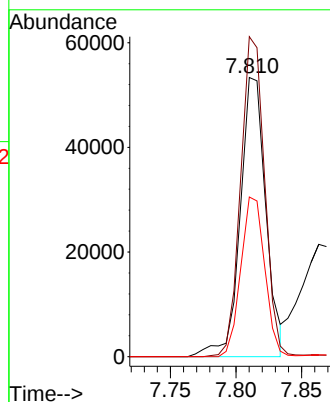
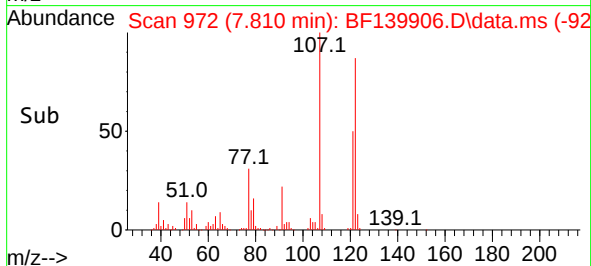
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:122 Resp: 72550
Ion Ratio Lower Upper
122 100
107 114.6 91.9 137.9
121 57.2 46.2 69.4

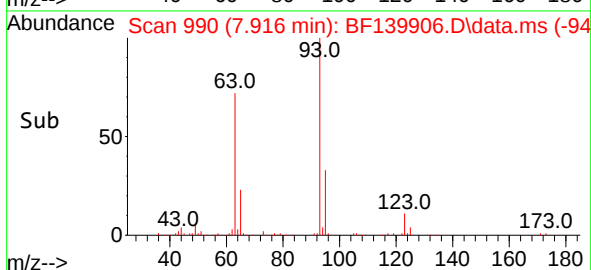
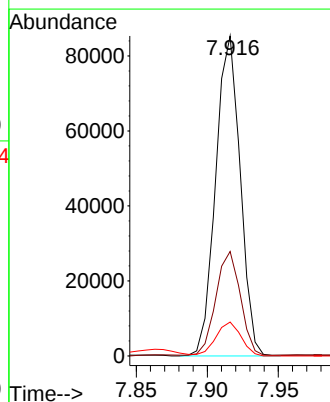
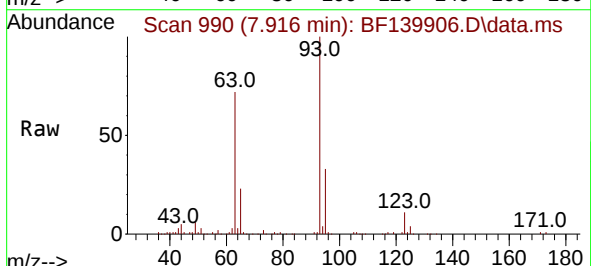
Manual Integrations
APPROVED

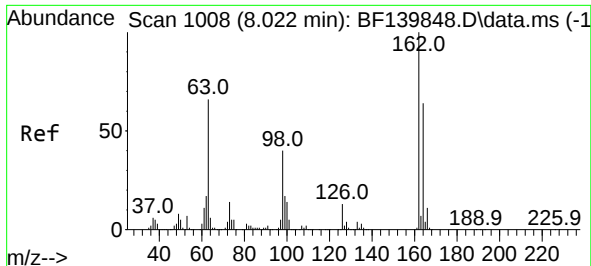
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 6.252 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion: 93 Resp: 102529
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 10.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 6.261 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

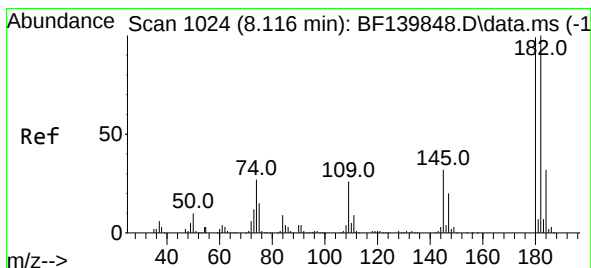
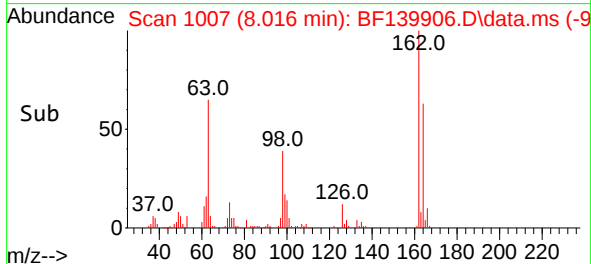
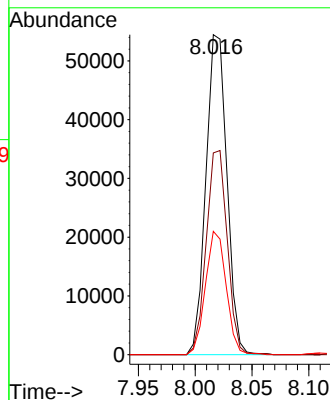
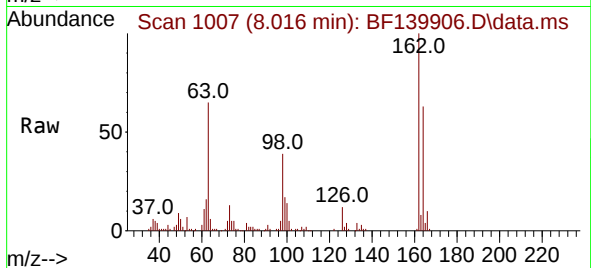
Tgt Ion:162	Resp:	7013
Ion Ratio	Lower	Upper
162	100	
164	63.1	43.9 83.9
98	38.6	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 6.241 ng

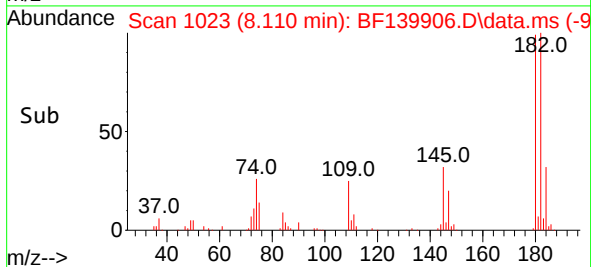
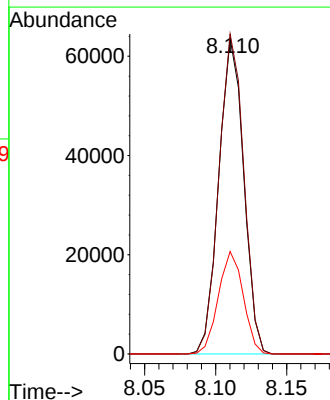
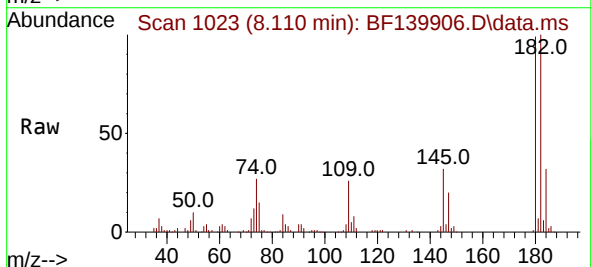
RT: 8.110 min Scan# 1023

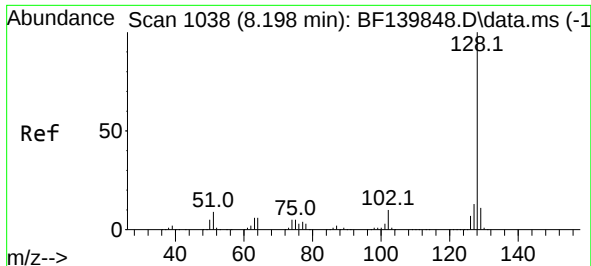
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:180	Resp:	77363
Ion Ratio	Lower	Upper
180	100	
182	101.4	80.5 120.7
145	32.4	25.4 38.0





#31
Naphthalene
Concen: 6.686 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

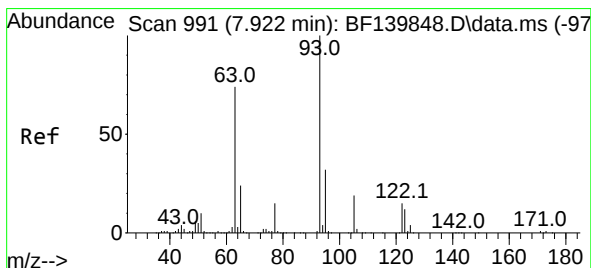
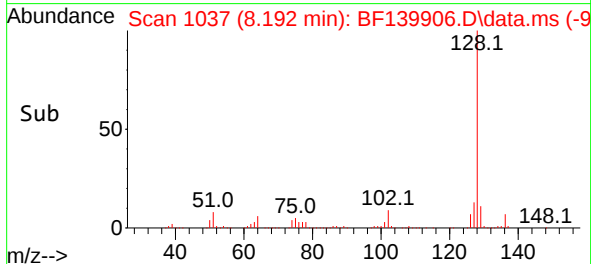
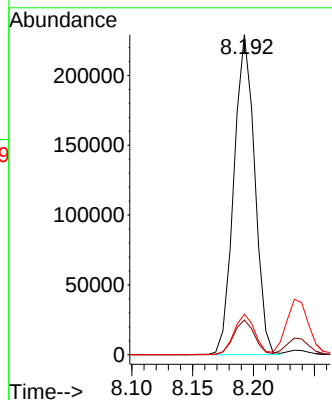
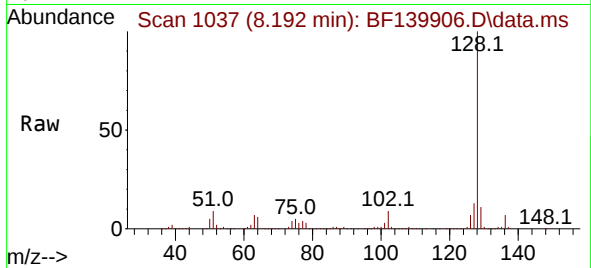
ClientSampleId :

TR-04-101524MS

Tgt Ion:128 Resp: 27253
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.6 16.0

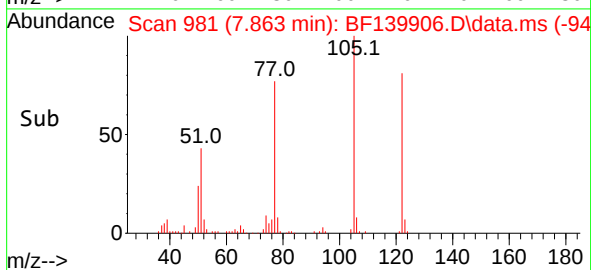
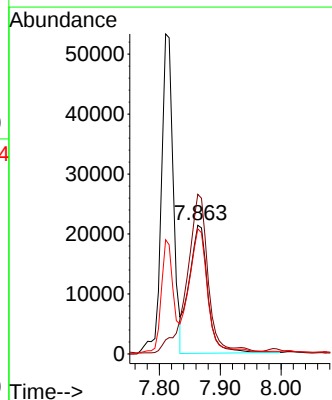
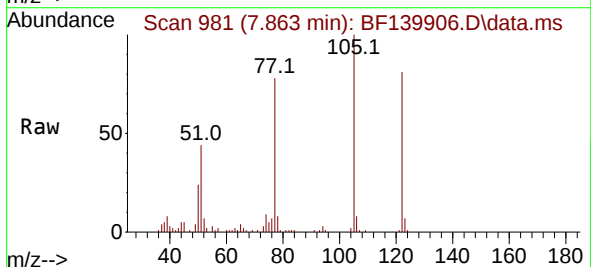
Manual Integrations
APPROVED

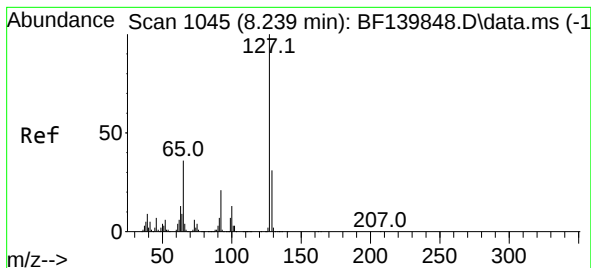
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#32
Benzoic acid
Concen: 5.296 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:122 Resp: 45434
Ion Ratio Lower Upper
122 100
105 124.0 107.6 147.6
77 97.2 80.2 120.2





#33

4-Chloroaniline

Concen: 3.696 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

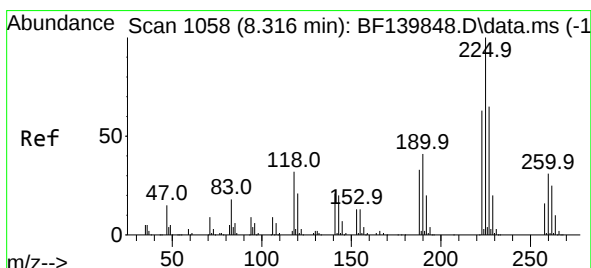
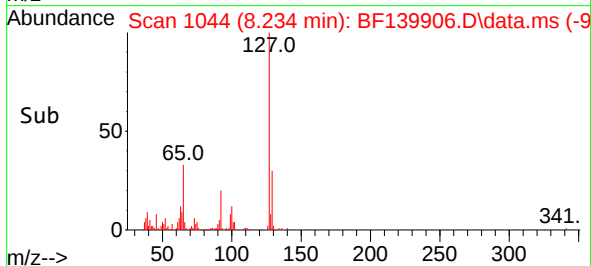
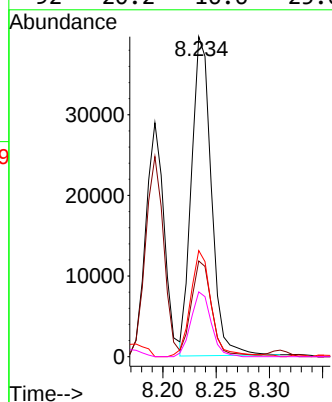
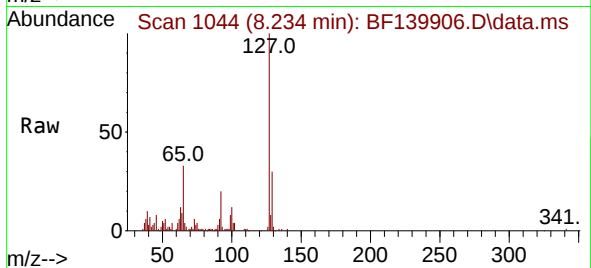
Tgt Ion:	127	Resp:	51379
Ion Ratio	Lower	Upper	
127	100		
129	29.9	25.4	38.2
65	33.2	28.4	42.6
92	20.2	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#34

Hexachlorobutadiene

Concen: 6.384 ng

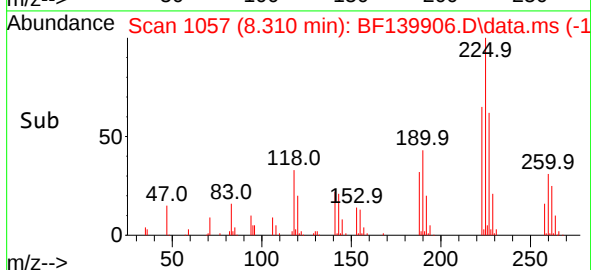
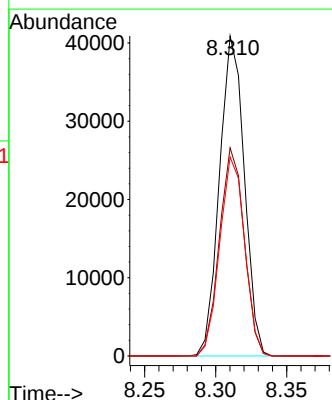
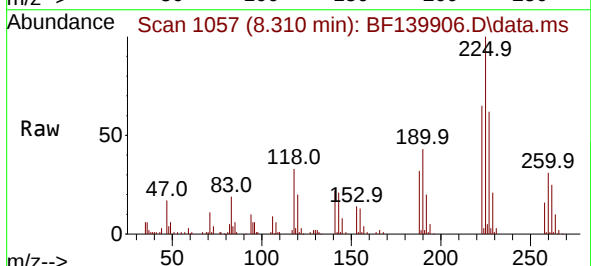
RT: 8.310 min Scan# 1057

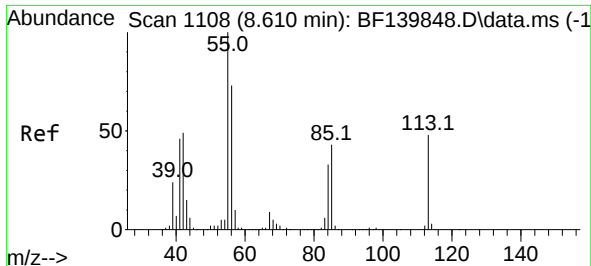
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	225	Resp:	49724
Ion Ratio	Lower	Upper	
225	100		
223	65.0	50.6	76.0
227	62.2	51.8	77.8





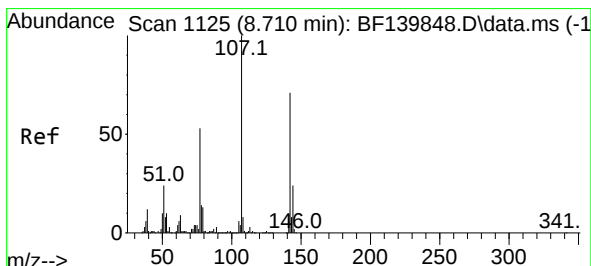
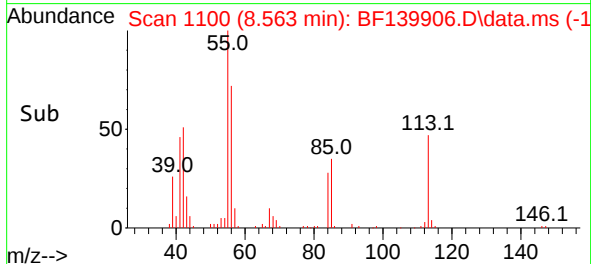
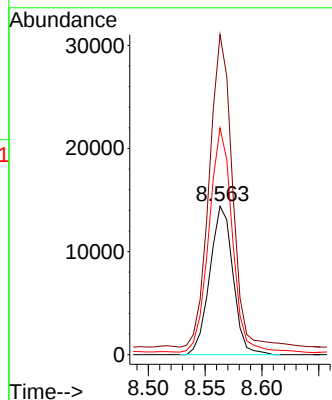
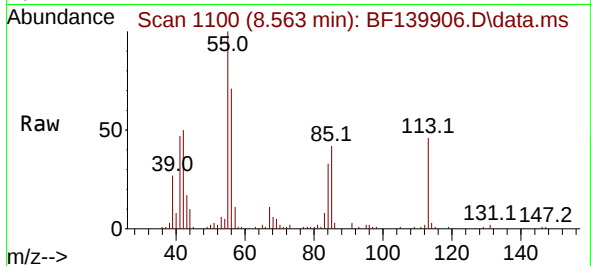
#35
Caprolactam
Concen: 5.744 ng
RT: 8.563 min Scan# 1108
Delta R.T. -0.047 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:113 Resp: 2046
Ion Ratio Lower Upper
113 100
55 215.5 189.2 229.2
56 152.7 132.5 172.5

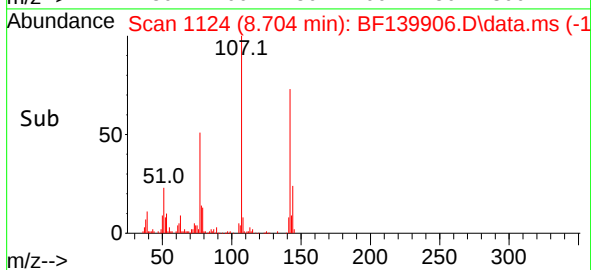
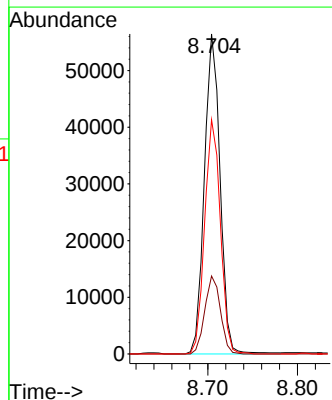
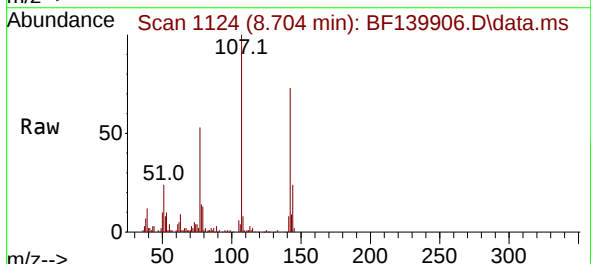
Manual Integrations
APPROVED

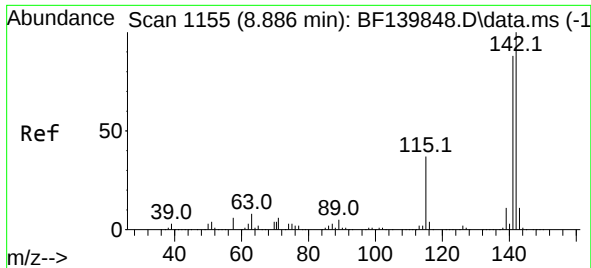
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#36
4-Chloro-3-methylphenol
Concen: 5.531 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:107 Resp: 68607
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 73.2 57.2 85.8





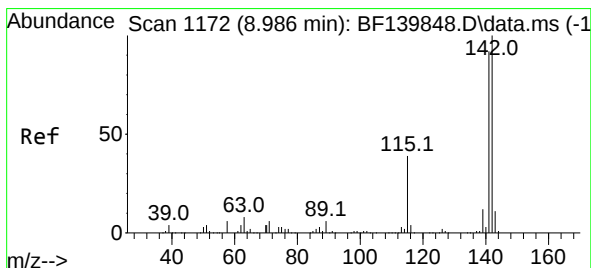
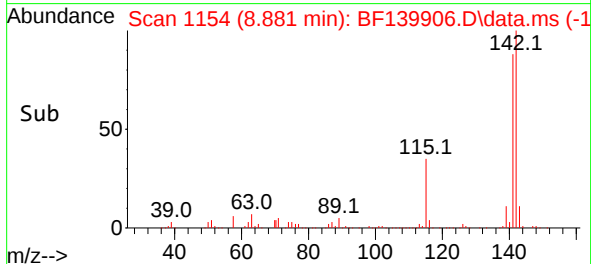
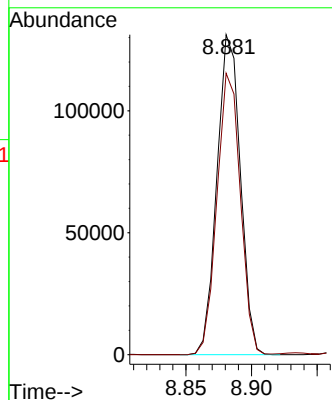
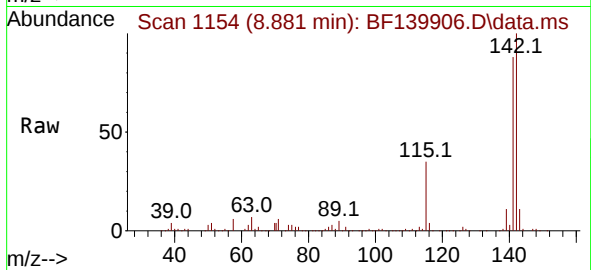
#37
2-Methylnaphthalene
Concen: 6.527 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:142 Resp: 162960
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2

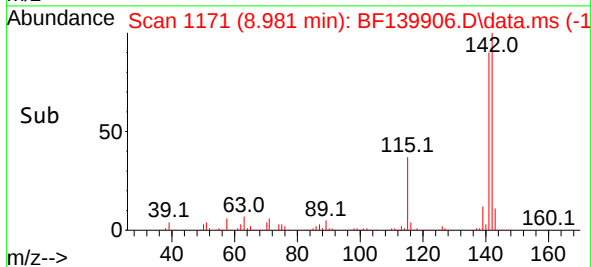
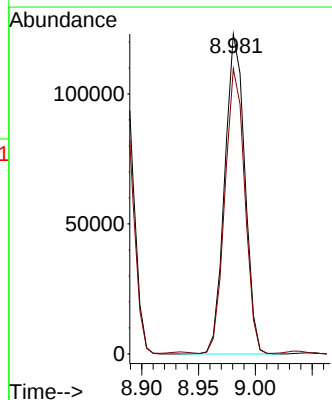
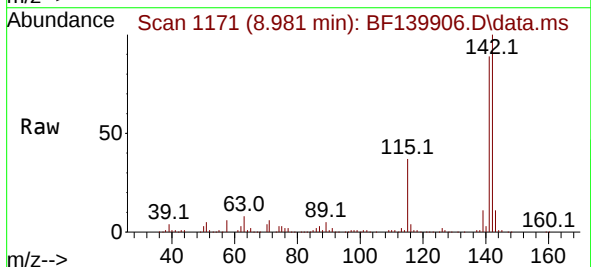
Manual Integrations
APPROVED

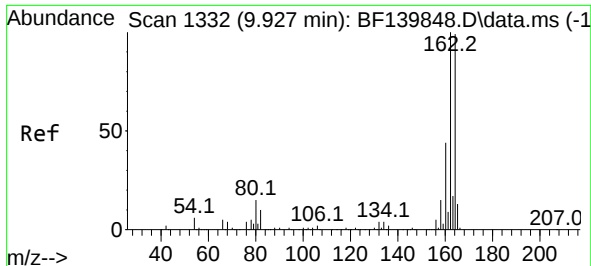
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#38
1-Methylnaphthalene
Concen: 6.170 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:142 Resp: 151135
Ion Ratio Lower Upper
142 100
141 89.1 73.5 110.3





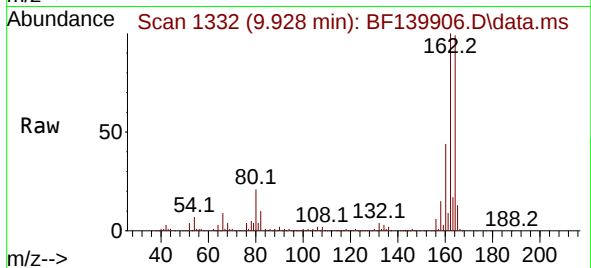
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS



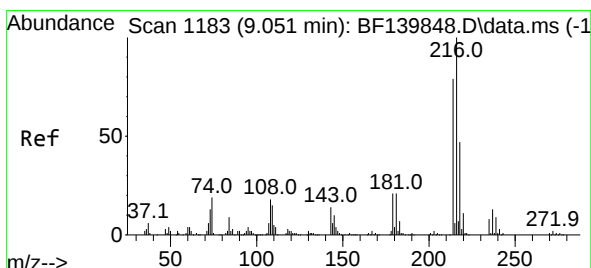
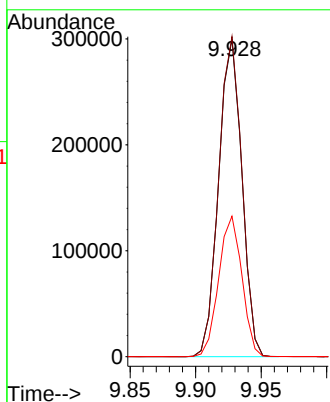
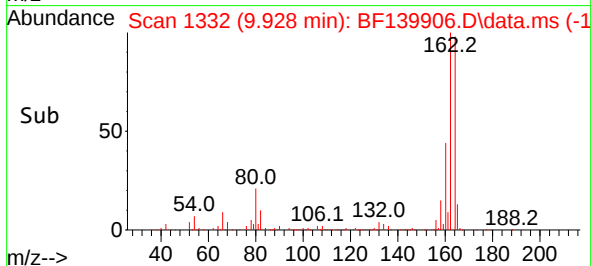
Tgt Ion:164 Resp: 369108
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.3 35.4 53.0

Manual Integrations

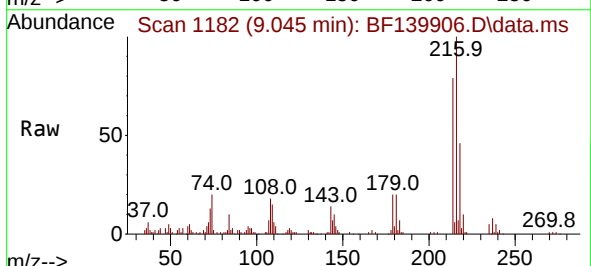
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

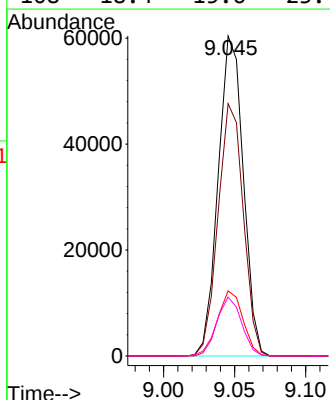
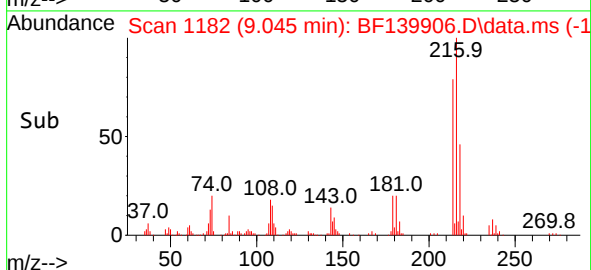
Supervised By :mohammad ahmed 10/23/2024

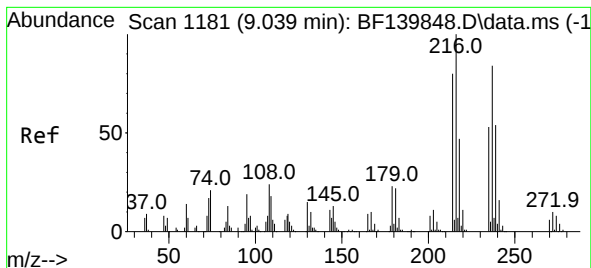


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.458 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



Tgt Ion:216 Resp: 74266
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 20.4 17.2 25.8
108 18.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 3.142 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

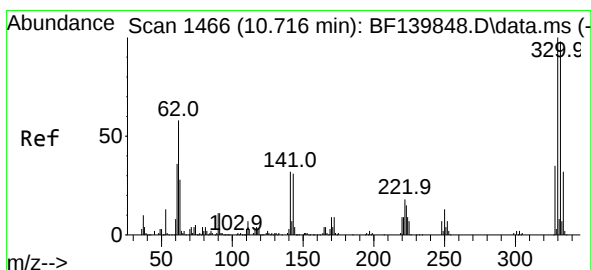
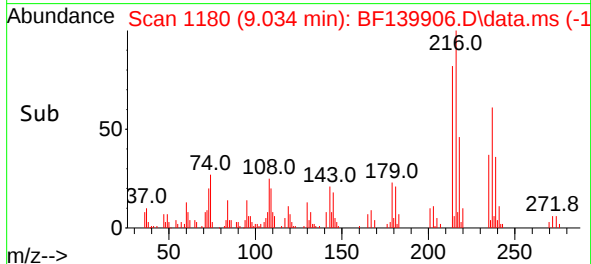
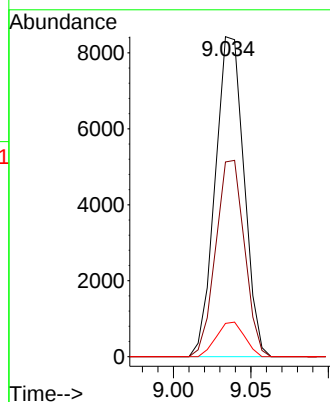
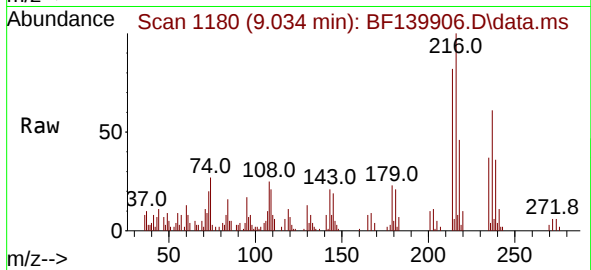
Tgt Ion:	237	Resp:	1088
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.9	82.9
272	10.4	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#42

2,4,6-Tribromophenol

Concen: 13.448 ng

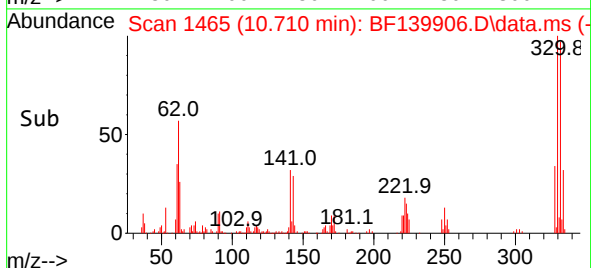
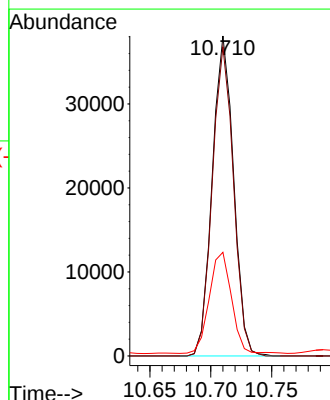
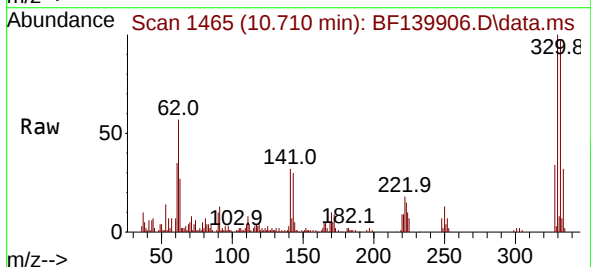
RT: 10.710 min Scan# 1465

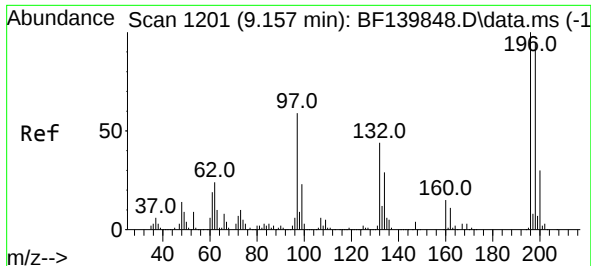
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	330	Resp:	46430
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.1	117.1
141	32.8	26.6	39.8





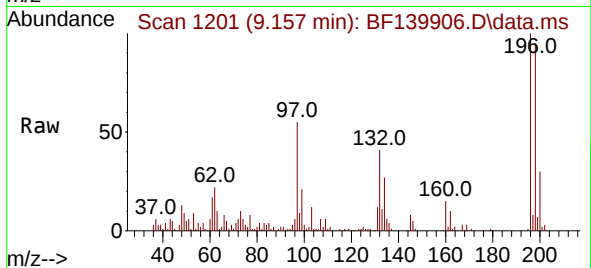
#43
2,4,6-Trichlorophenol
Concen: 6.974 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

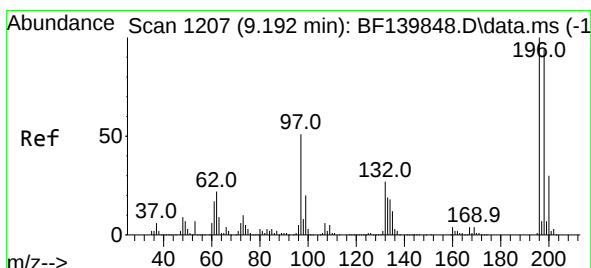
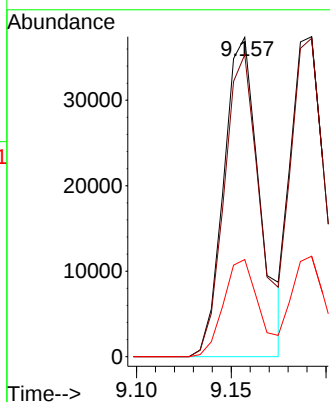
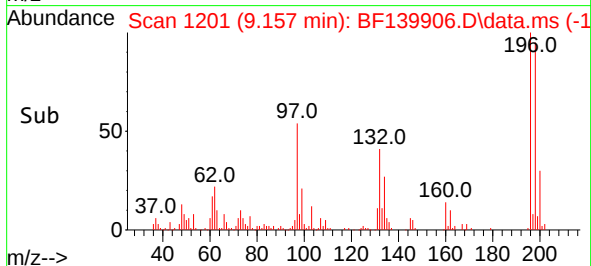


Tgt Ion:196 Resp: 4916
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.2
200 30.4 24.0 36.0

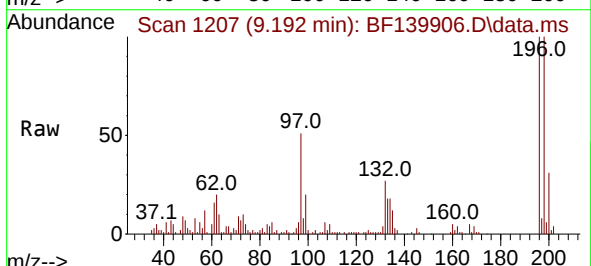
Manual Integrations

APPROVED

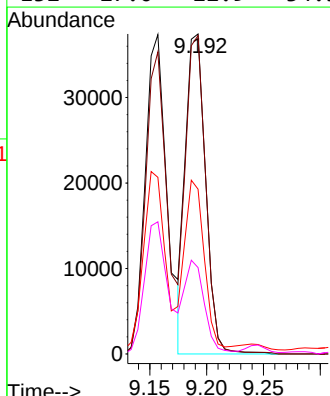
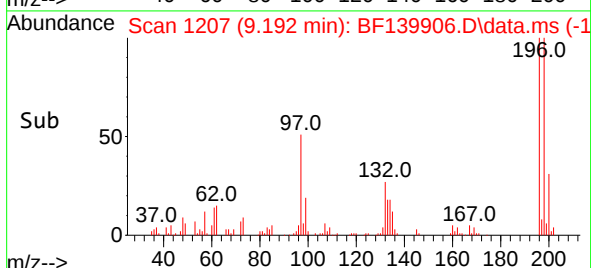
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

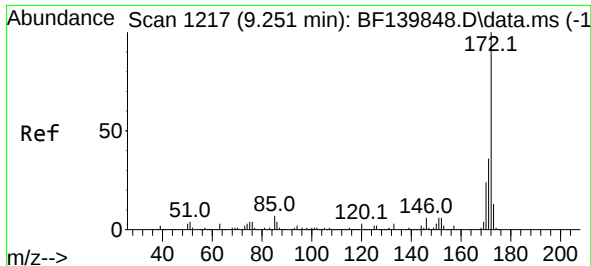


#44
2,4,5-Trichlorophenol
Concen: 6.366 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



Tgt Ion:196 Resp: 46302
Ion Ratio Lower Upper
196 100
198 99.5 75.8 113.6
97 51.5 41.8 62.6
132 27.0 22.9 34.3





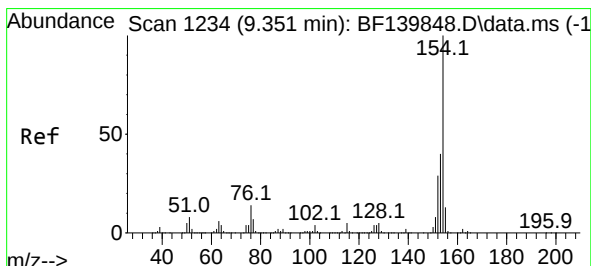
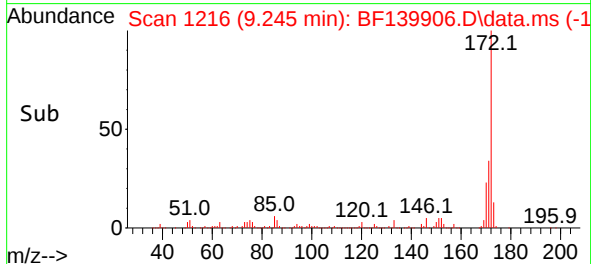
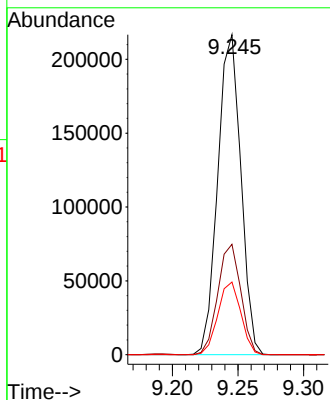
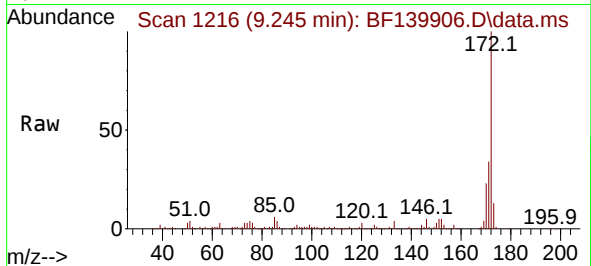
#45
2-Fluorobiphenyl
Concen: 11.873 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:172 Resp: 26516
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 22.7 19.1 28.7

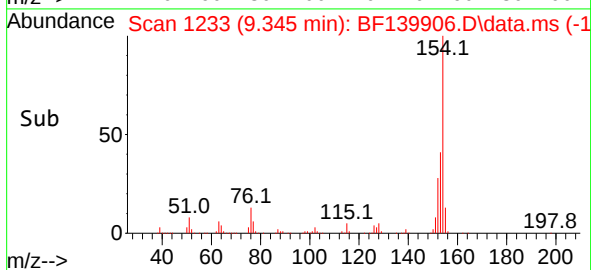
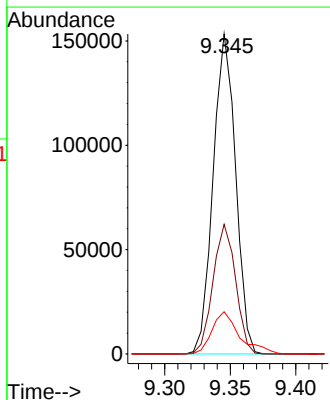
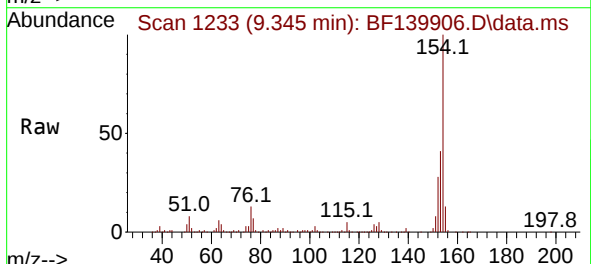
Manual Integrations
APPROVED

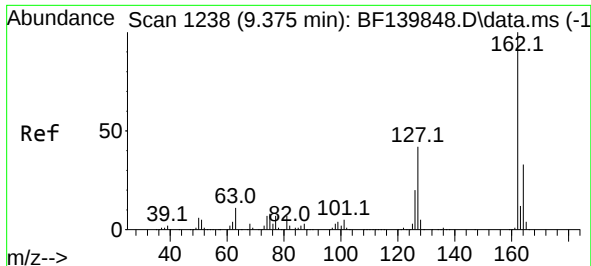
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#46
1,1'-Biphenyl
Concen: 7.098 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:154 Resp: 182381
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 13.2 0.0 33.9





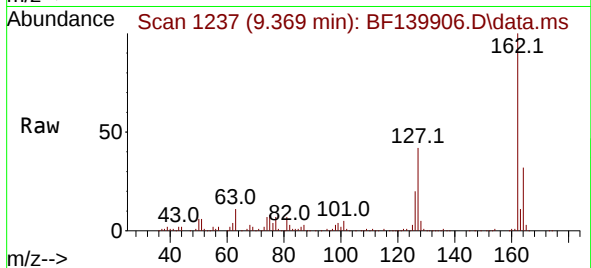
#47
2-Chloronaphthalene
Concen: 6.798 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS



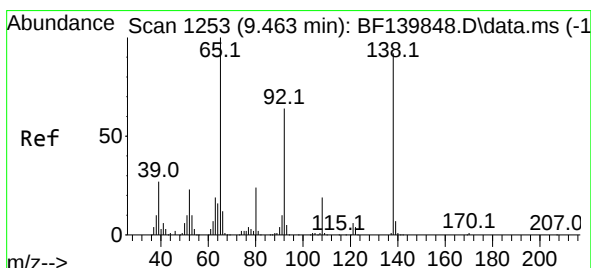
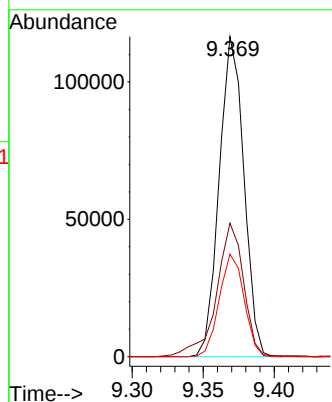
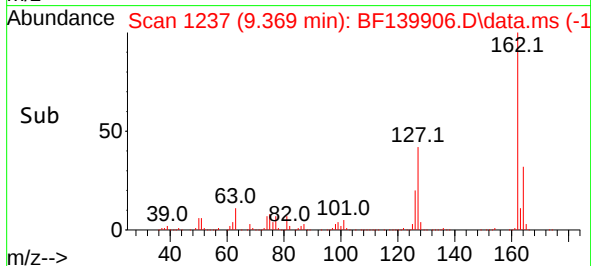
Tgt Ion:162 Resp: 140679
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.1 26.6 39.8

Manual Integrations

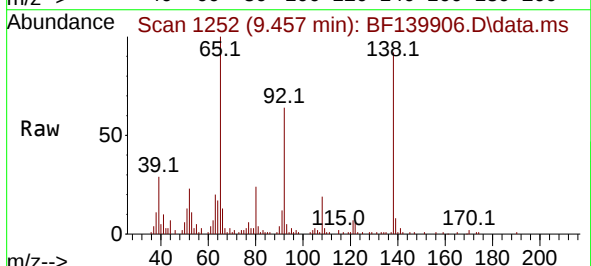
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

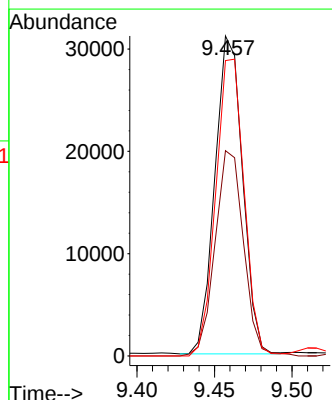
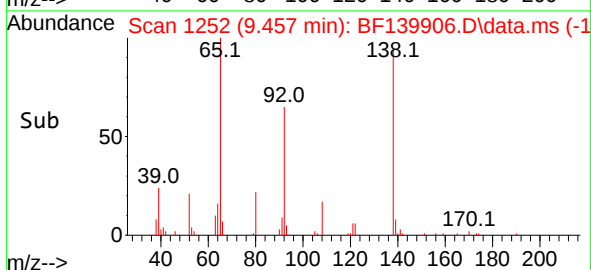
Supervised By :mohammad ahmed 10/23/2024

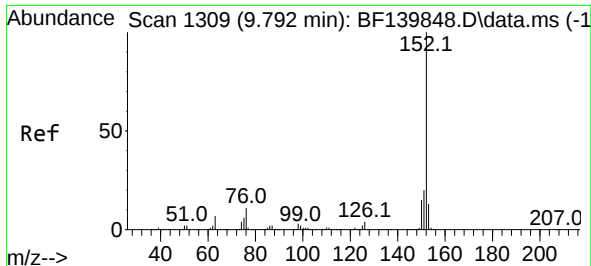


#48
2-Nitroaniline
Concen: 6.100 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



Tgt Ion: 65 Resp: 38610
Ion Ratio Lower Upper
65 100
92 64.1 50.9 76.3
138 92.3 73.4 110.0





#49

Acenaphthylene

Concen: 7.110 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

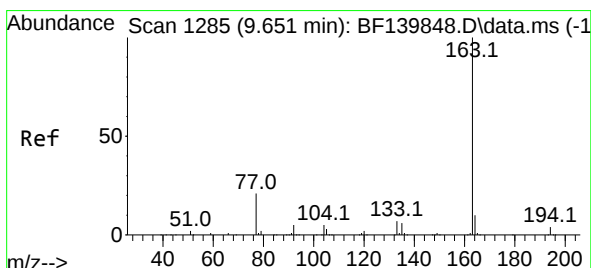
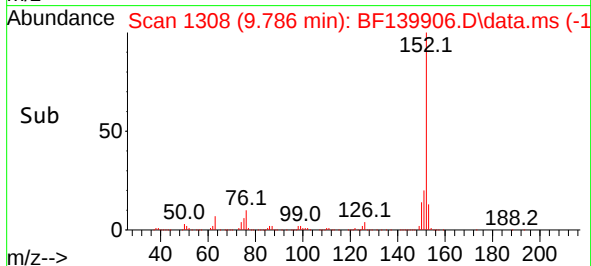
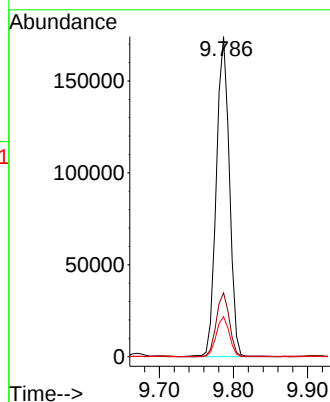
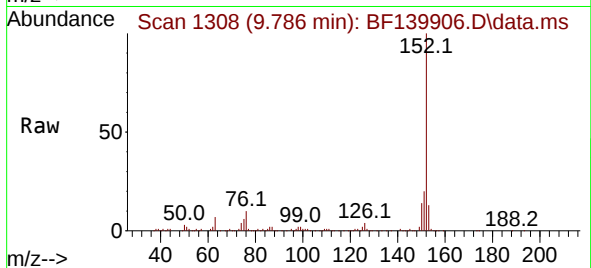
Tgt Ion:152 Resp: 212714
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.9 23.9
 153 12.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#50

Dimethylphthalate

Concen: 6.750 ng

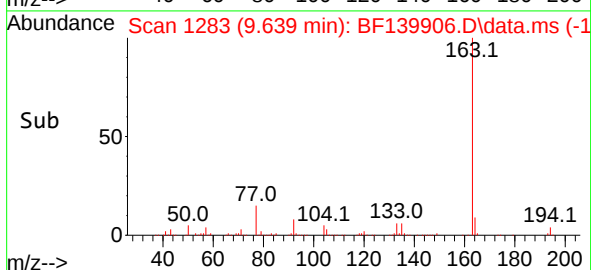
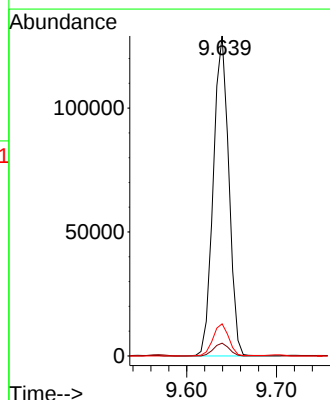
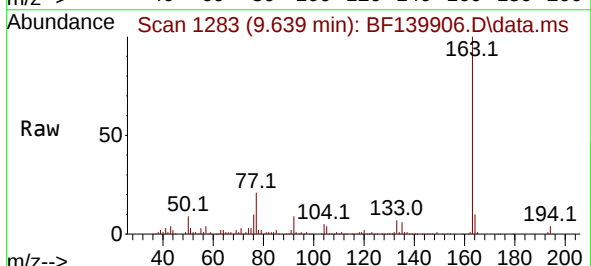
RT: 9.639 min Scan# 1283

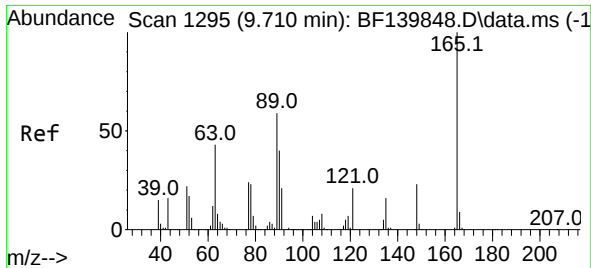
Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:163 Resp: 155184
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.4 5.0
 164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 5.838 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

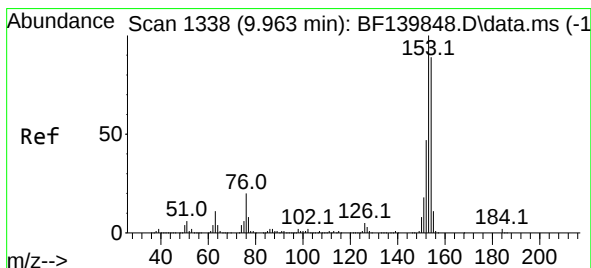
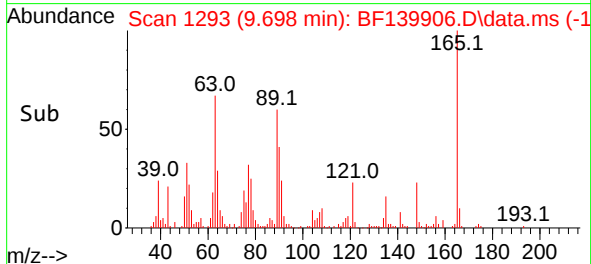
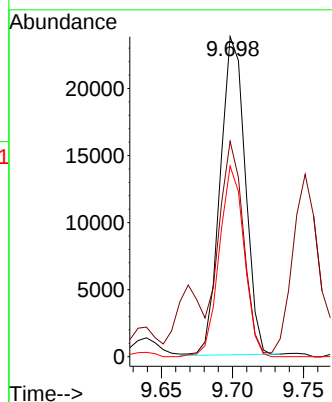
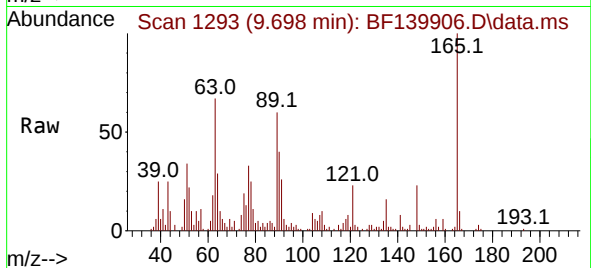
ClientSampleId :

TR-04-101524MS

Tgt Ion:165 Resp: 29064
Ion Ratio Lower Upper
165 100
63 67.3 50.6 75.8
89 59.6 47.5 71.3

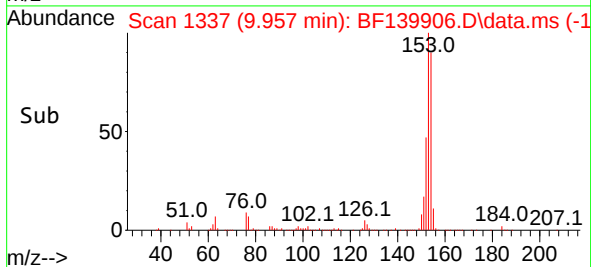
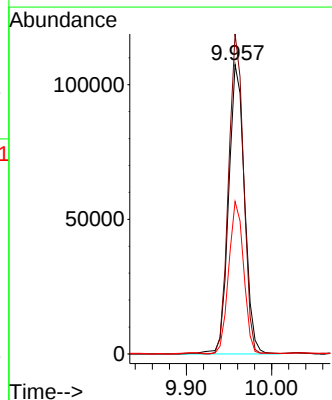
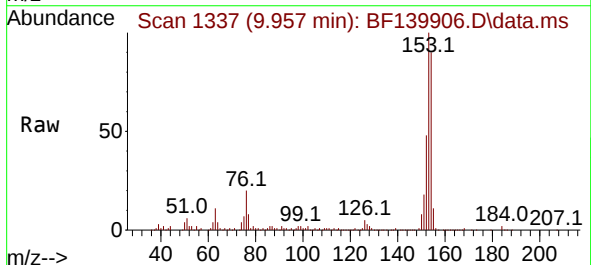
Manual Integrations
APPROVED

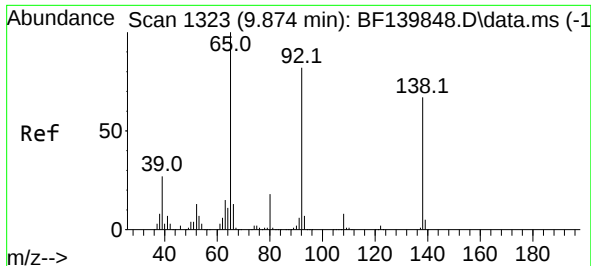
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#52
Acenaphthene
Concen: 7.191 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:154 Resp: 139181
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 52.7 42.4 63.6





#53
3-Nitroaniline
Concen: 5.010 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

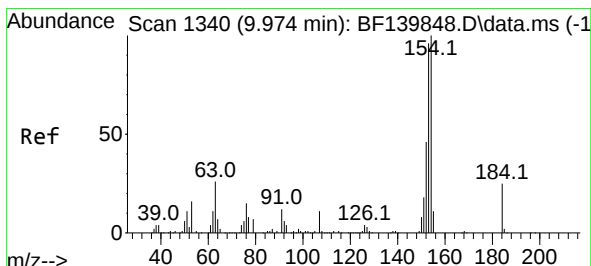
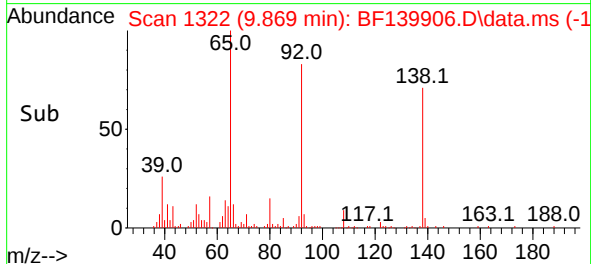
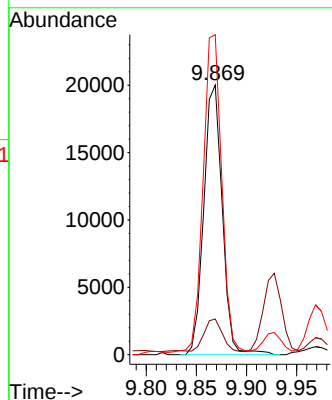
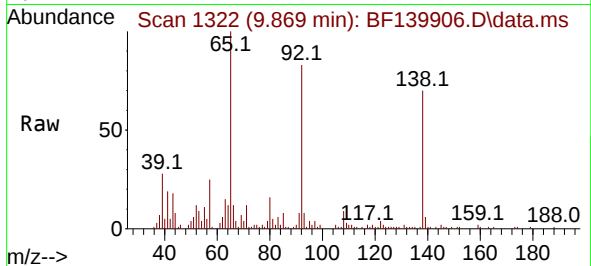
ClientSampleId :

TR-04-101524MS

Tgt Ion:138 Resp: 2571
Ion Ratio Lower Upper
138 100
108 13.2 10.2 15.2
92 118.7 98.3 147.5

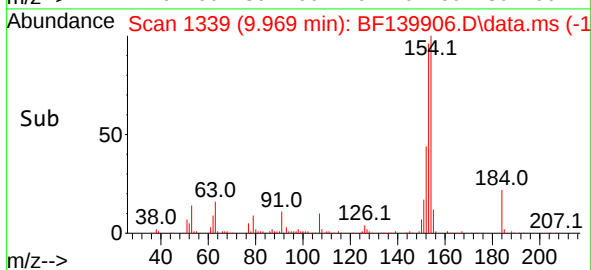
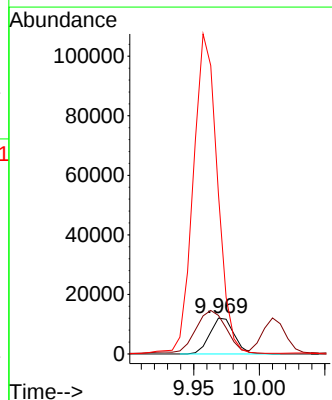
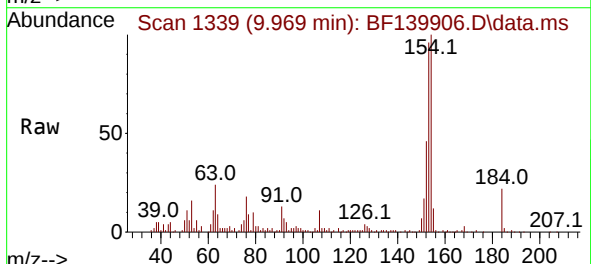
Manual Integrations
APPROVED

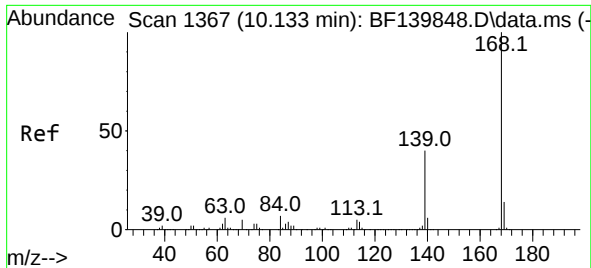
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#54
2,4-Dinitrophenol
Concen: 13.397 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.005 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

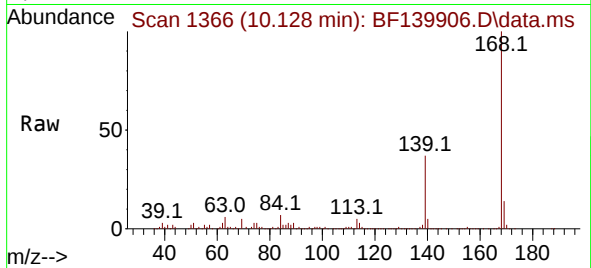
Tgt Ion:184 Resp: 15469
Ion Ratio Lower Upper
184 100
63 108.0 84.7 127.1
154 447.3 338.2 507.2





#55
Dibenzenofuran
Concen: 6.819 ng
RT: 10.128 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

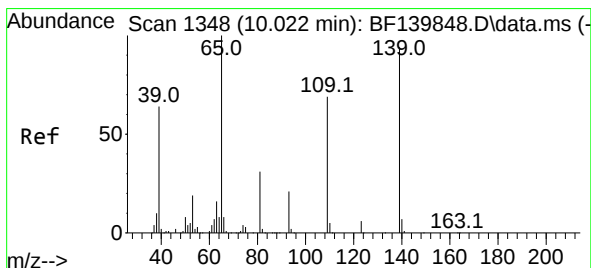
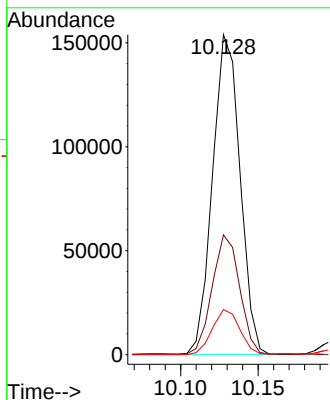
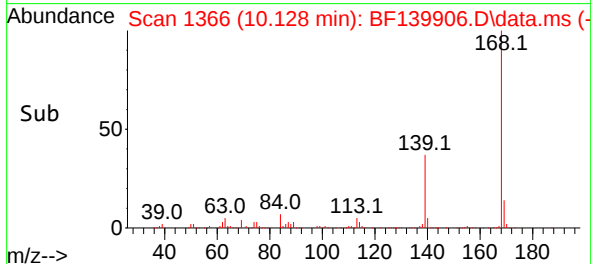
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:168 Resp: 18936
Ion Ratio Lower Upper
168 100
139 37.5 31.8 47.6
169 14.1 11.6 17.4

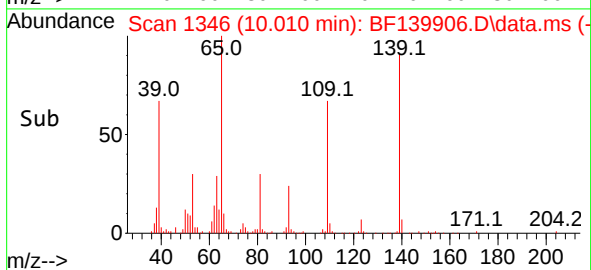
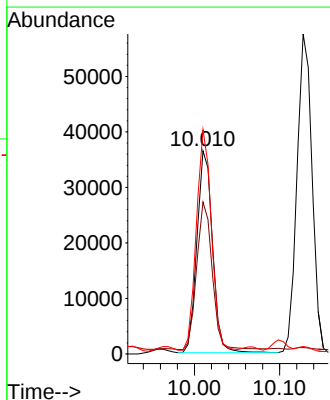
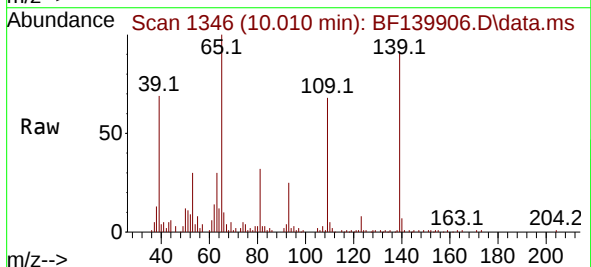
Manual Integrations
APPROVED

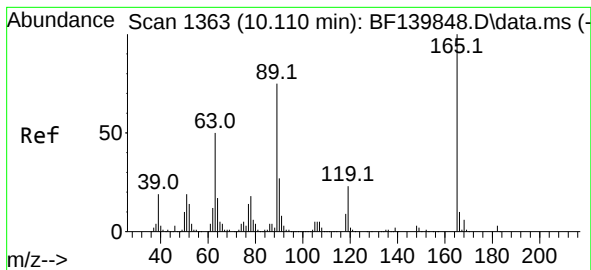
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#56
4-Nitrophenol
Concen: 11.663 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

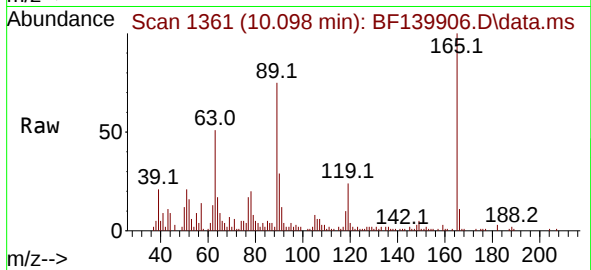
Tgt Ion:139 Resp: 46063
Ion Ratio Lower Upper
139 100
109 74.7 53.6 93.6
65 110.4 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 10.098 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

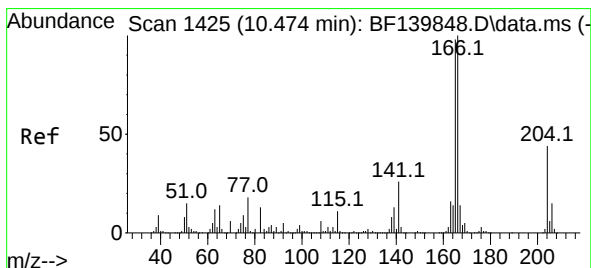
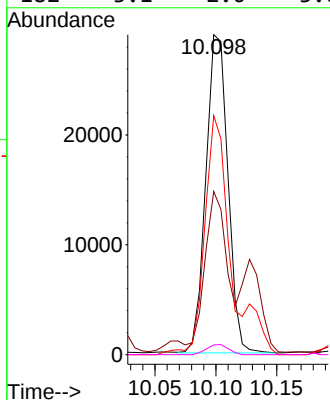
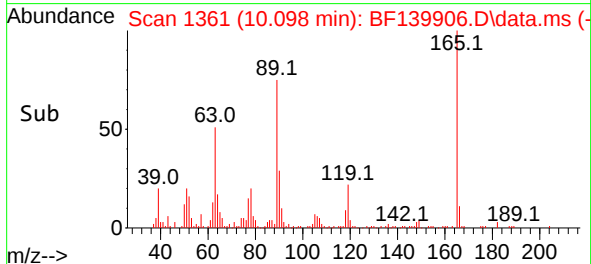
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:165 Resp: 36479
Ion Ratio Lower Upper
165 100
63 51.0 40.1 60.1
89 74.7 60.4 90.6
182 3.1 2.0 3.0#

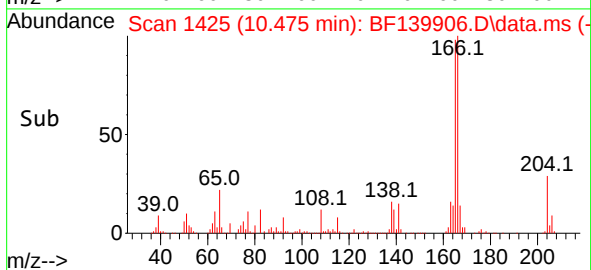
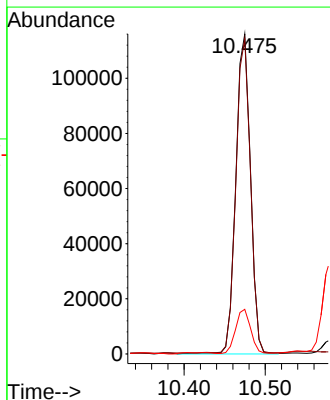
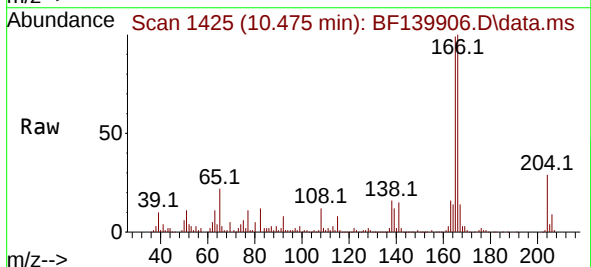
Manual Integrations
APPROVED

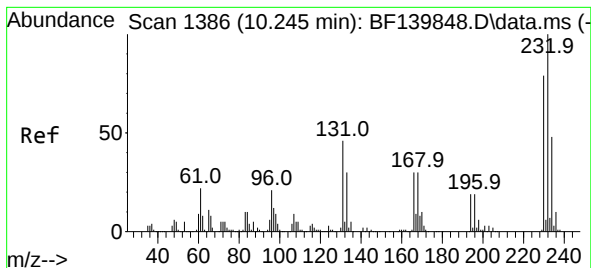
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#58
Fluorene
Concen: 6.844 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:166 Resp: 144754
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 14.0 10.9 16.3





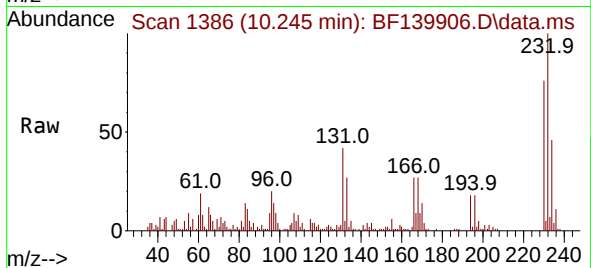
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.685 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS



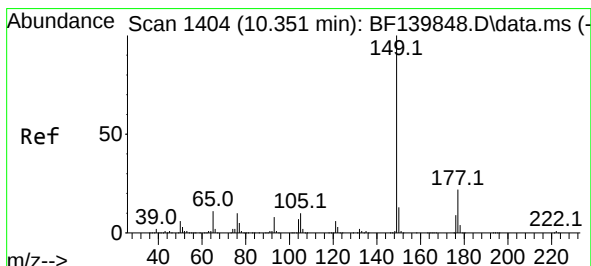
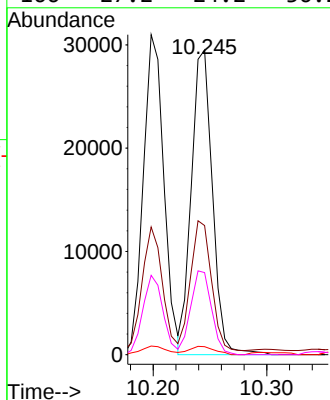
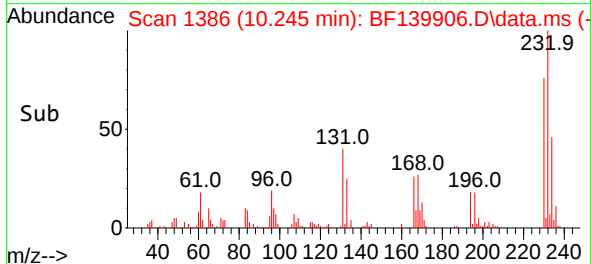
Tgt Ion:232 Resp: 3811
Ion Ratio Lower Upper
232 100
131 41.8 37.0 55.6
130 3.3 1.9 2.9
166 27.2 24.2 36.2

Manual Integrations

APPROVED

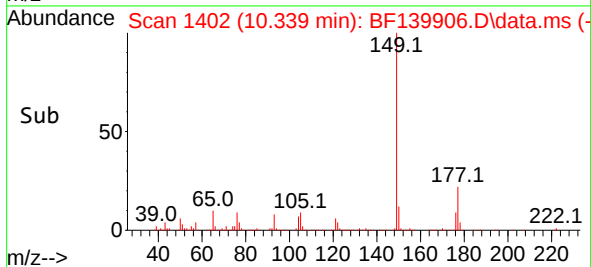
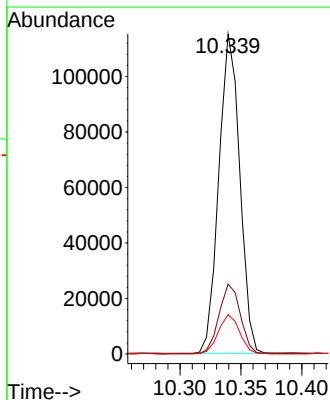
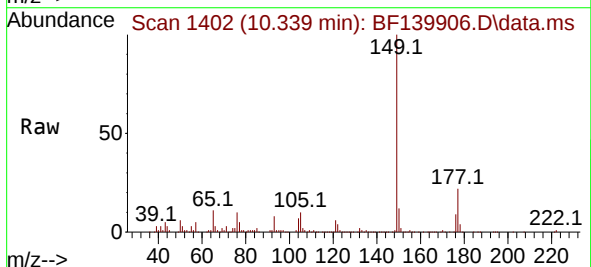
Reviewed By :Yogesh Patel 10/22/2024

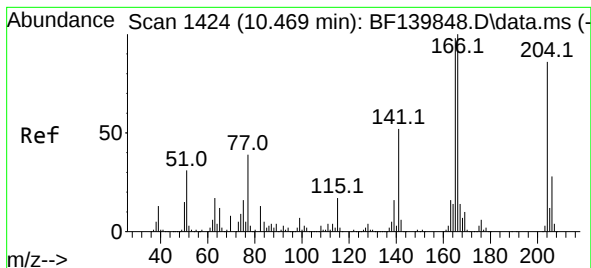
Supervised By :mohammad ahmed 10/23/2024



#60
Diethylphthalate
Concen: 6.106 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:149 Resp: 137838
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.3 10.1 15.1





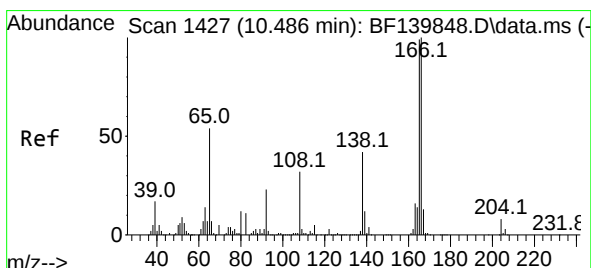
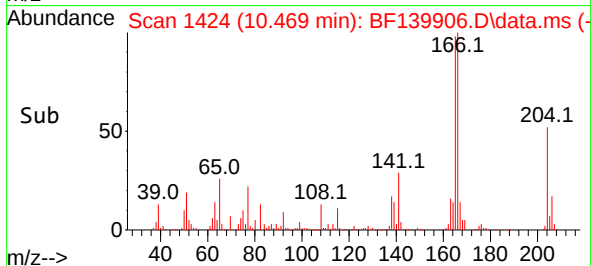
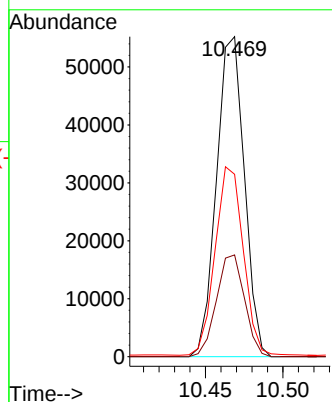
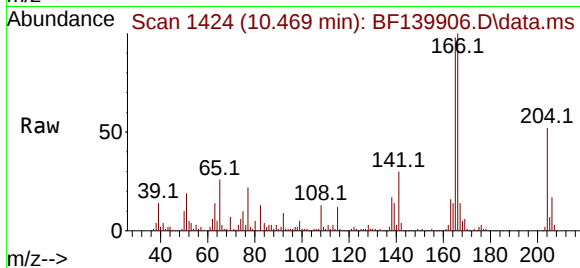
#61
4-Chlorophenyl-phenylether
Concen: 6.468 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS

Tgt Ion:204 Resp: 69080
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 57.0 48.6 73.0

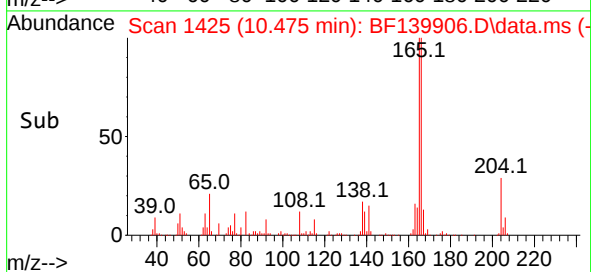
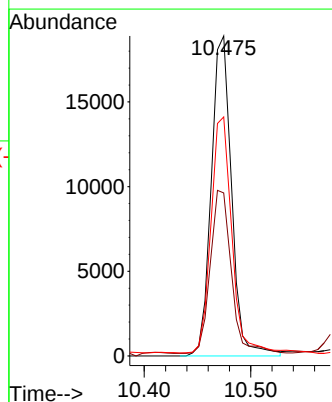
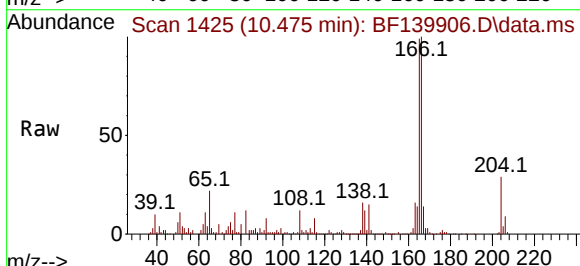
Manual Integrations
APPROVED

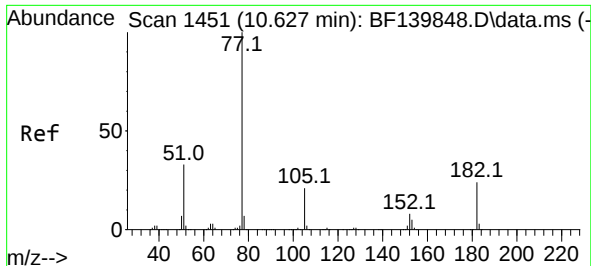
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#62
4-Nitroaniline
Concen: 5.166 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:138 Resp: 25045
Ion Ratio Lower Upper
138 100
92 50.9 35.7 75.7
108 74.7 57.5 97.5





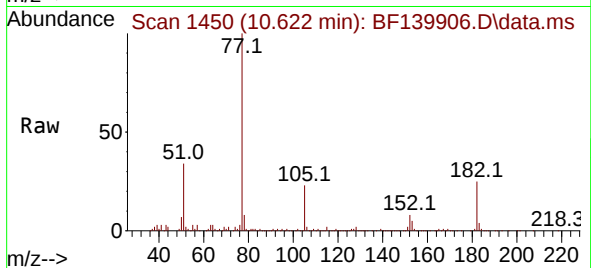
#63
Azobenzene
Concen: 6.222 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS



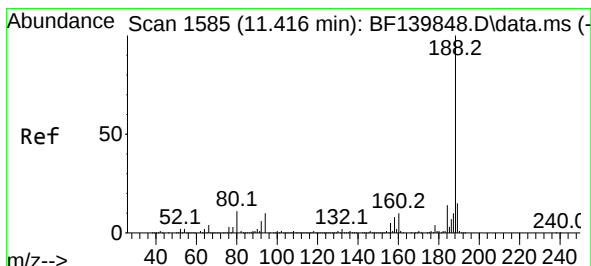
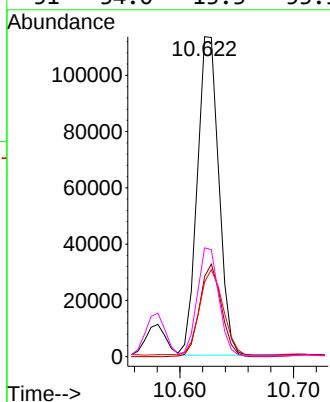
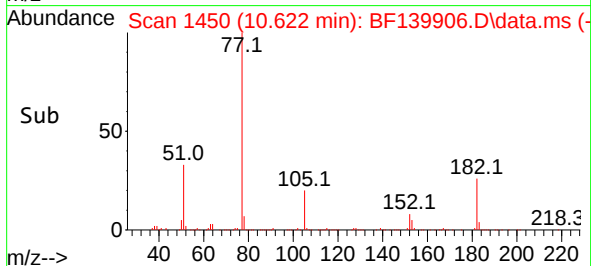
Tgt Ion: 77 Resp: 14890
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 23.4 1.2 41.2
51 34.0 13.3 53.3

Manual Integrations

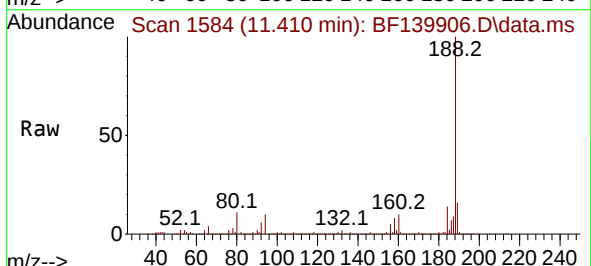
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

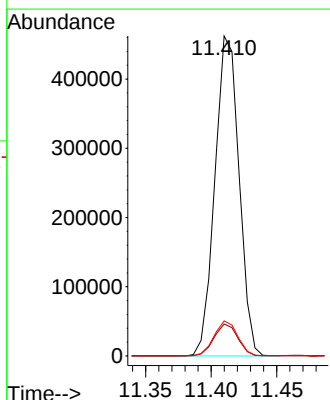
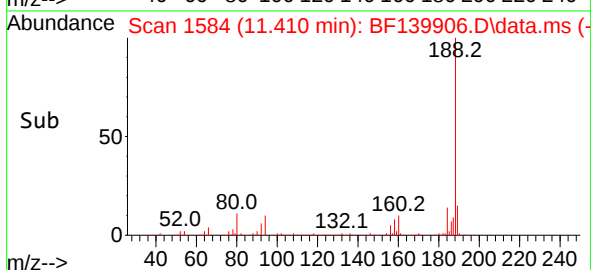
Supervised By :mohammad ahmed 10/23/2024

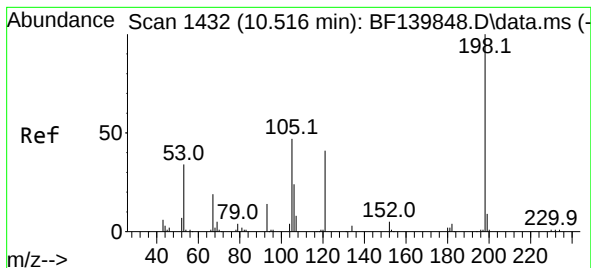


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



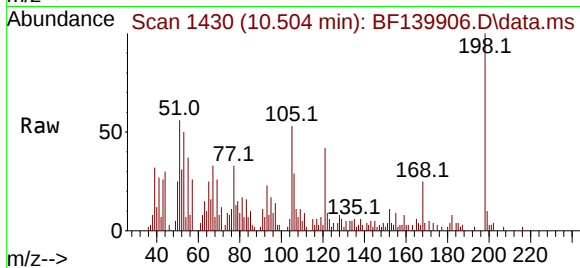
Tgt Ion:188 Resp: 591109
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.0 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 4.506 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

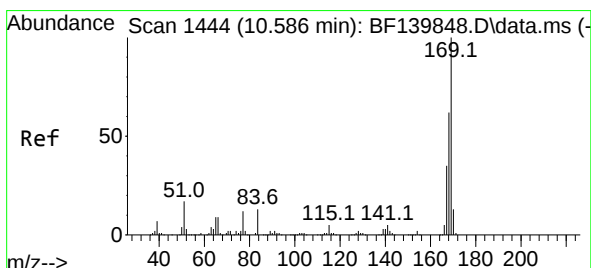
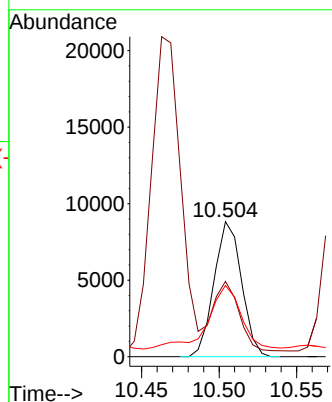
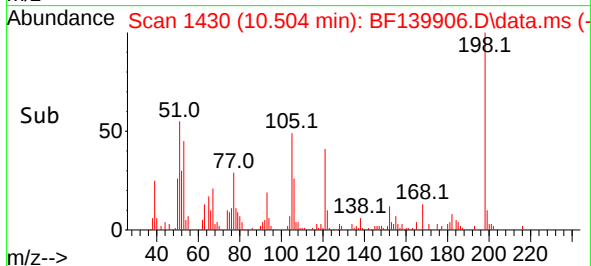
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



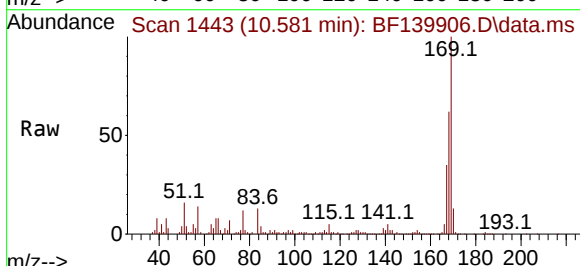
Tgt Ion:198 Resp: 10864
Ion Ratio Lower Upper
198 100
51 55.9 38.2 78.2
105 52.8 27.9 67.9

Manual Integrations
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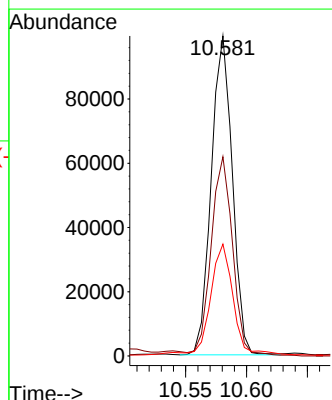
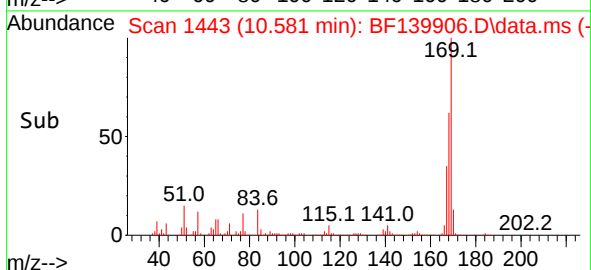
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

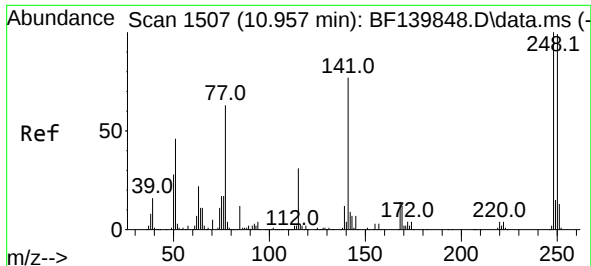


#66
n-Nitrosodiphenylamine
Concen: 6.769 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



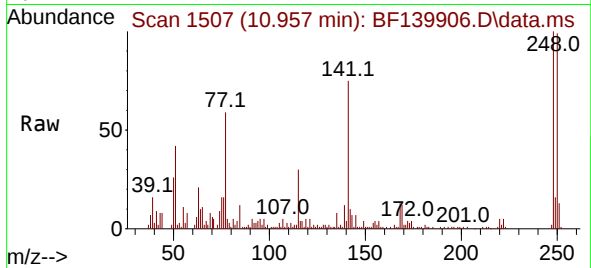
Tgt Ion:169 Resp: 119751
Ion Ratio Lower Upper
169 100
168 62.2 49.8 74.6
167 34.9 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 6.369 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

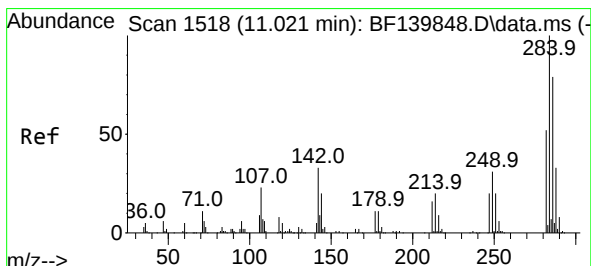
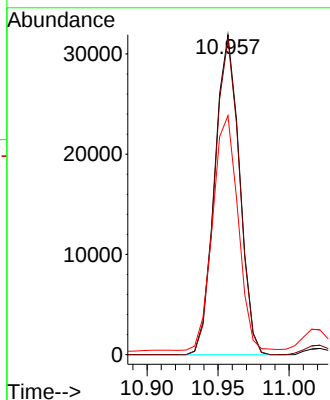
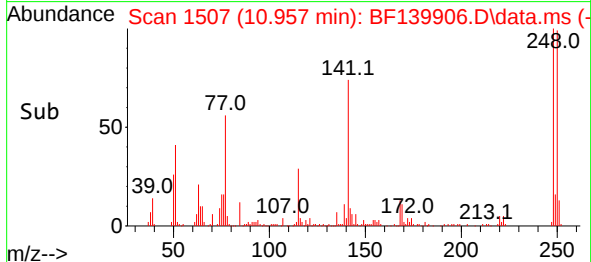
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



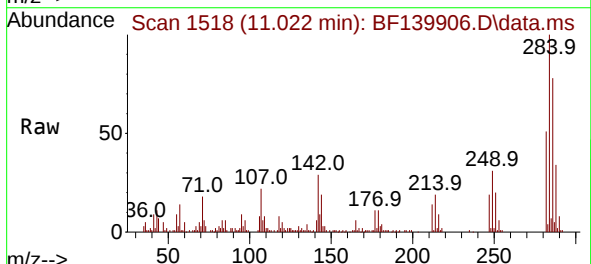
Tgt Ion:248 Resp: 3878
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.6
141 74.7 61.7 92.5

Manual Integrations
APPROVED

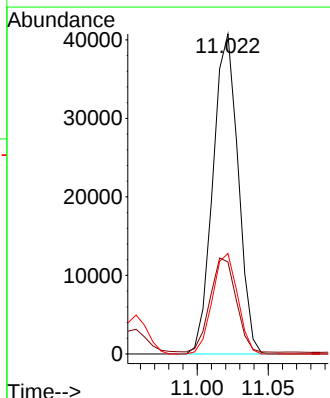
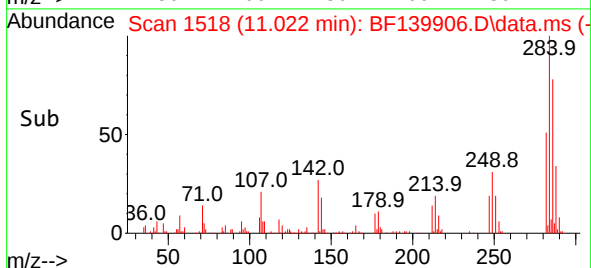
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

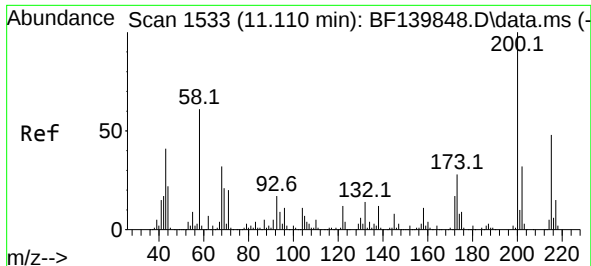


#68
Hexachlorobenzene
Concen: 7.346 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



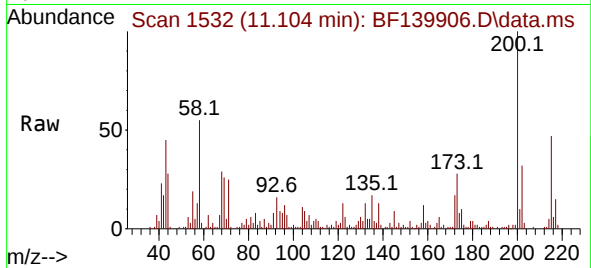
Tgt Ion:284 Resp: 50309
Ion Ratio Lower Upper
284 100
142 28.7 26.9 40.3
249 31.4 25.3 37.9





#69
Atrazine
Concen: 7.959 ng
RT: 11.104 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

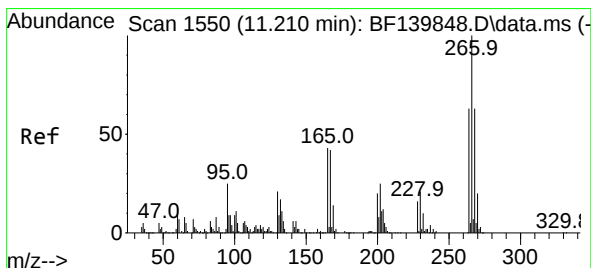
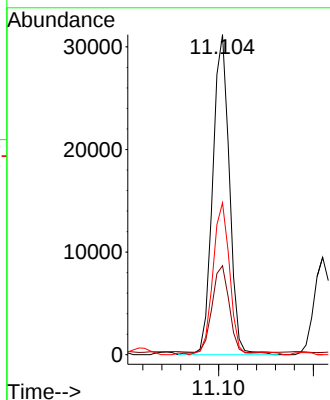
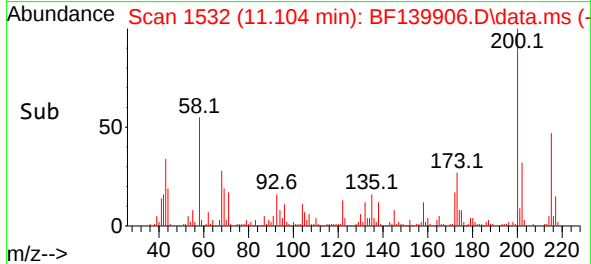
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



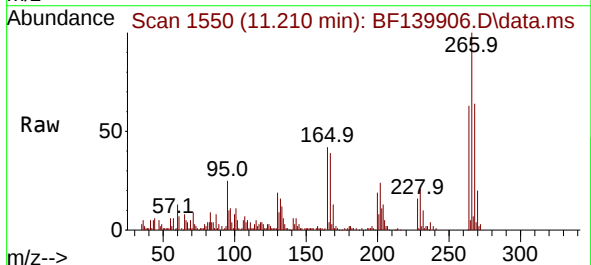
Tgt Ion:200 Resp: 3814
Ion Ratio Lower Upper
200 100
173 27.8 7.7 47.7
215 47.4 27.7 67.7

Manual Integrations
APPROVED

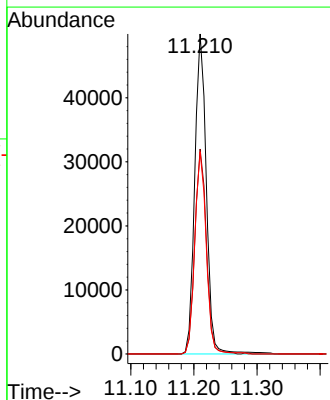
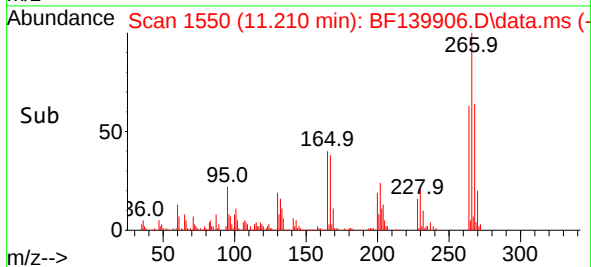
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

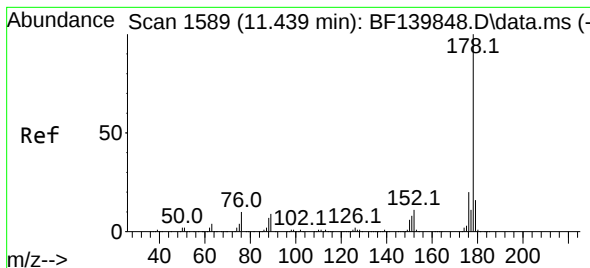


#70
Pentachlorophenol
Concen: 15.285 ng
RT: 11.210 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42



Tgt Ion:266 Resp: 63532
Ion Ratio Lower Upper
266 100
268 64.1 50.4 75.6
264 63.2 50.6 75.8





#71

Phenanthrene

Concen: 8.203 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

Tgt Ion:178 Resp: 229028

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

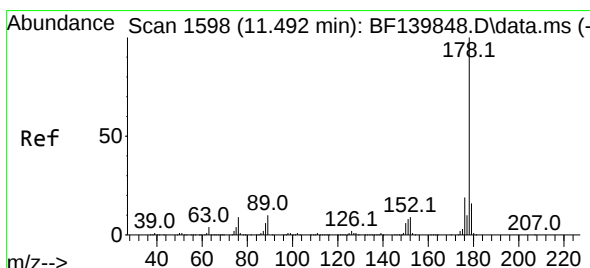
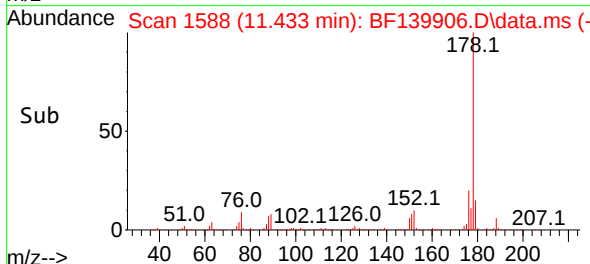
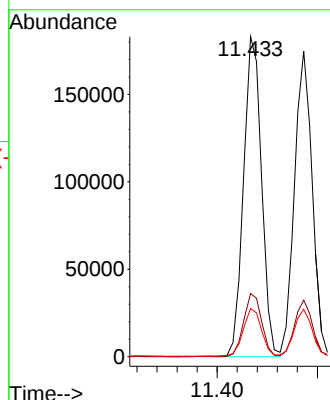
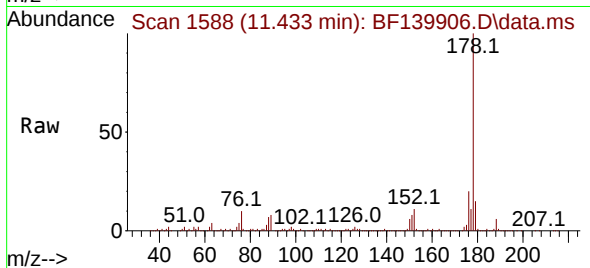
179 15.1 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#72

Anthracene

Concen: 7.820 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

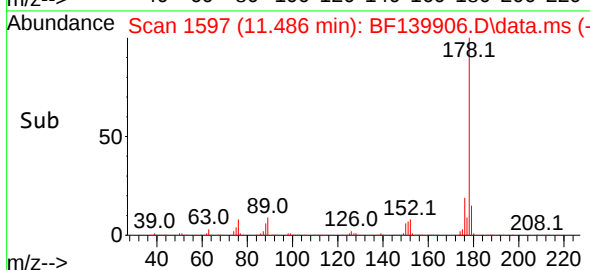
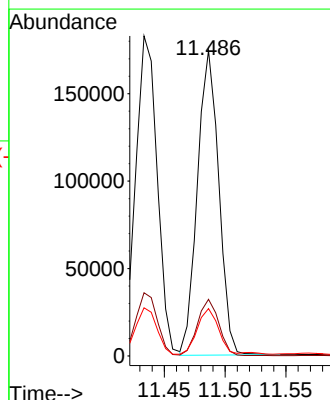
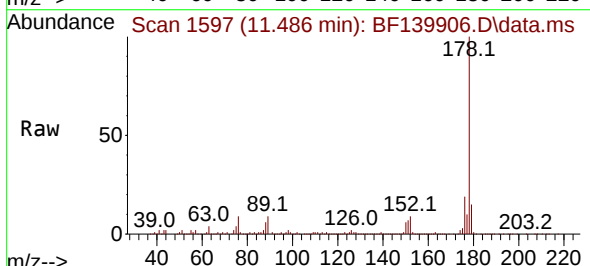
Tgt Ion:178 Resp: 213036

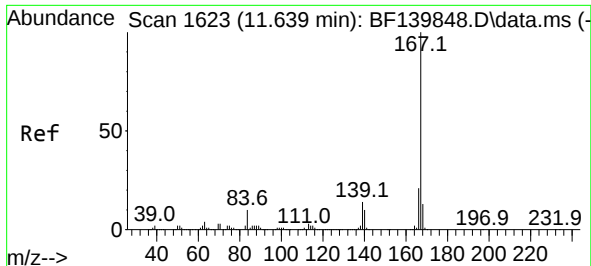
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

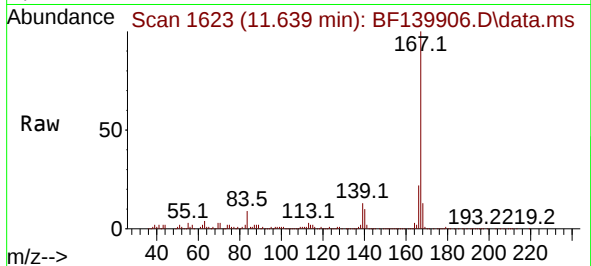
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 6.744 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

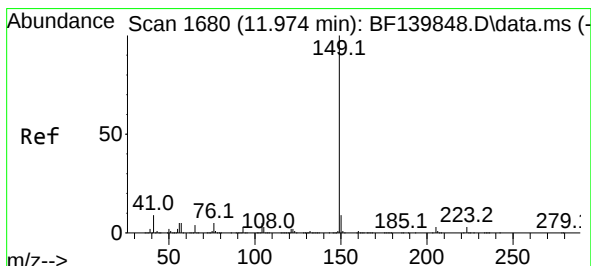
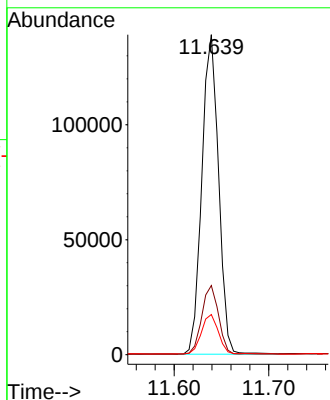
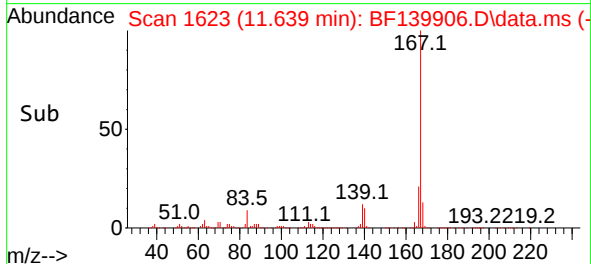
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MS



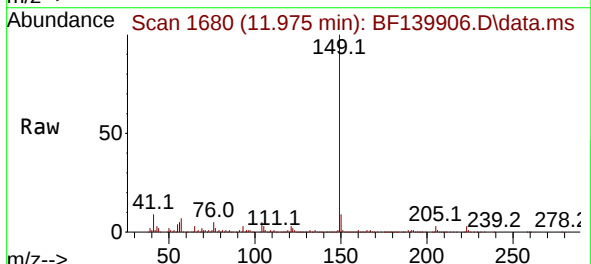
Tgt Ion:167 Resp: 170858
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.6 10.8 16.2

Manual Integrations
 APPROVED

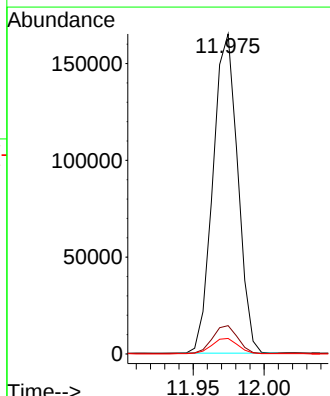
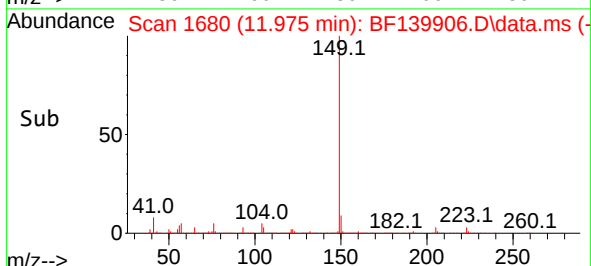
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

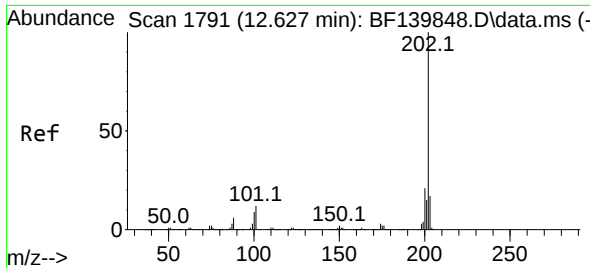


#74
 Di-n-butylphthalate
 Concen: 6.834 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42



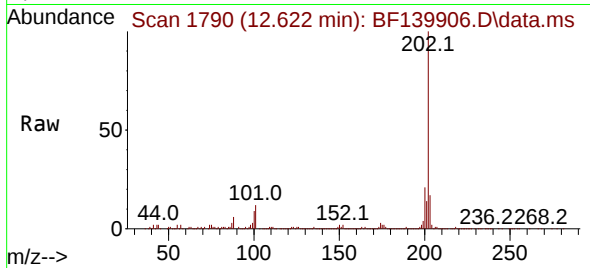
Tgt Ion:149 Resp: 200037
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 9.777 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

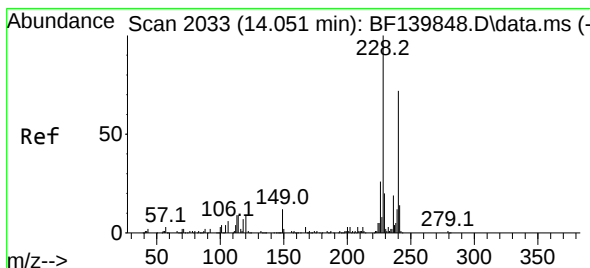
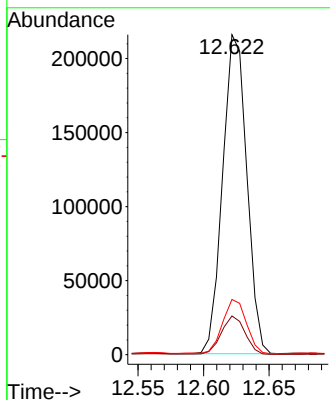
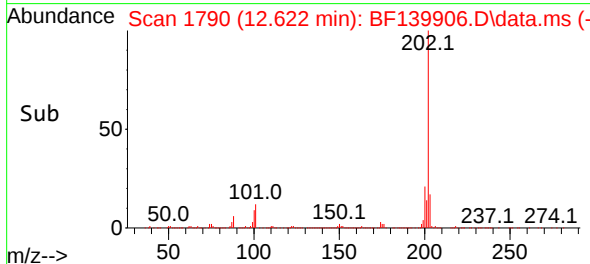
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:202 Resp: 275969
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 17.2 0.0 37.5

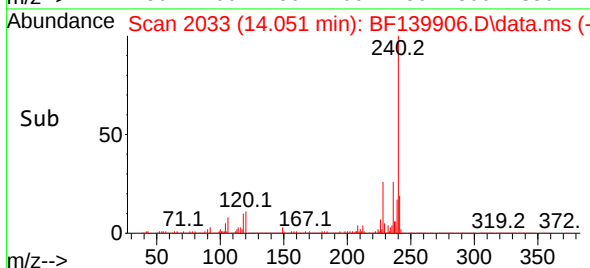
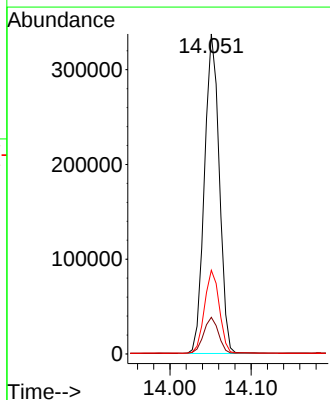
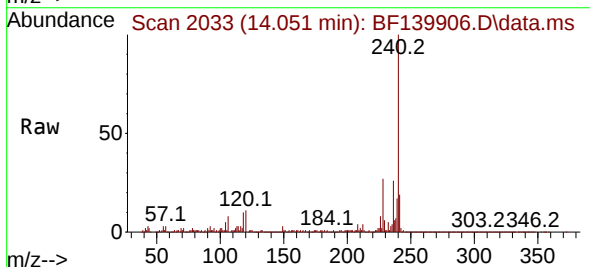
Manual Integrations
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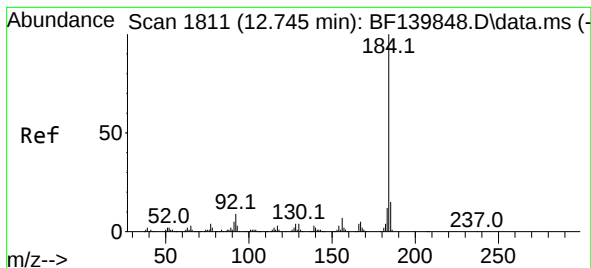
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:240 Resp: 427241
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 3.681 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

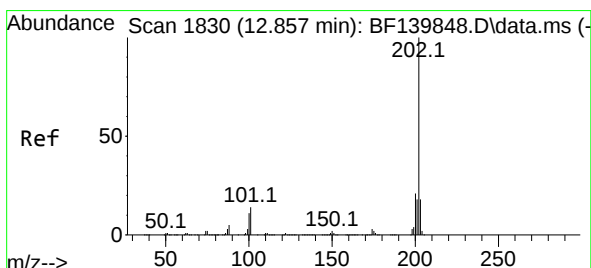
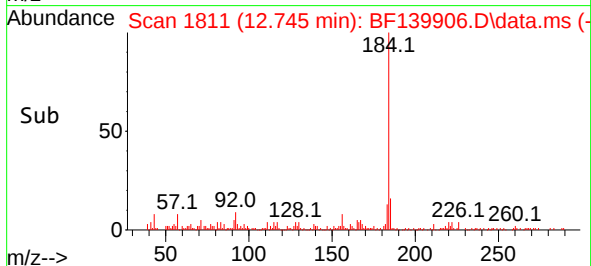
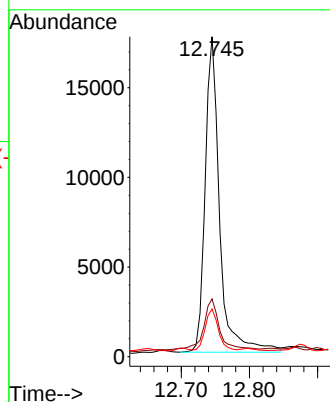
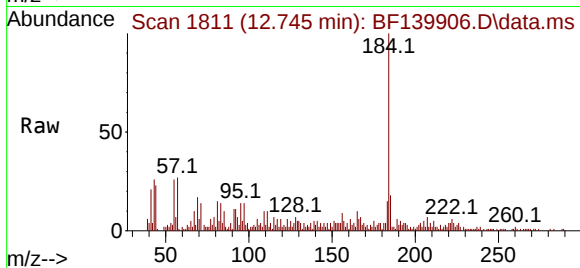
TR-04-101524MS

Tgt Ion:	184	Resp:	2586
Ion Ratio	Lower	Upper	
184	100		
185	18.0	12.0	18.0
183	14.9	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#78

Pyrene

Concen: 8.548 ng

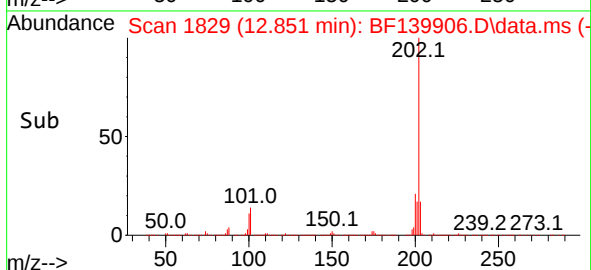
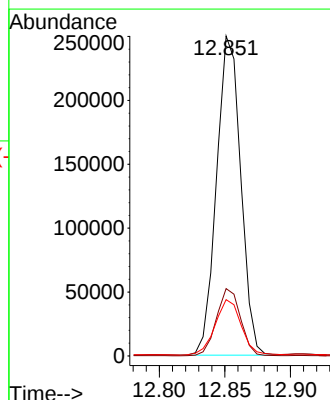
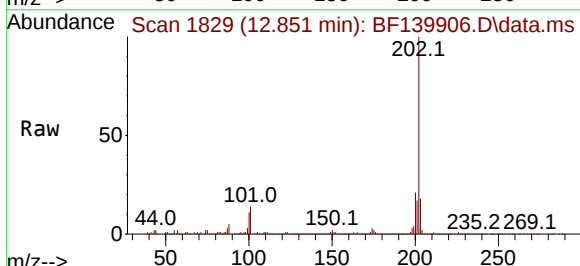
RT: 12.851 min Scan# 1829

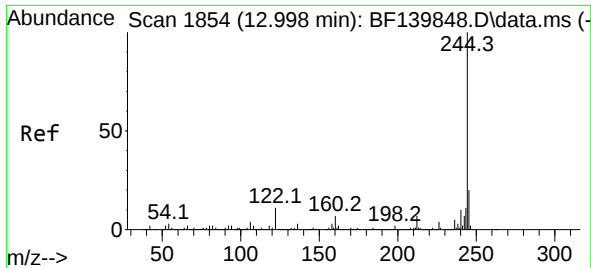
Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	202	Resp:	319658
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.2	25.8
203	17.6	14.2	21.4





#79
 Terphenyl-d14
 Concen: 9.865 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

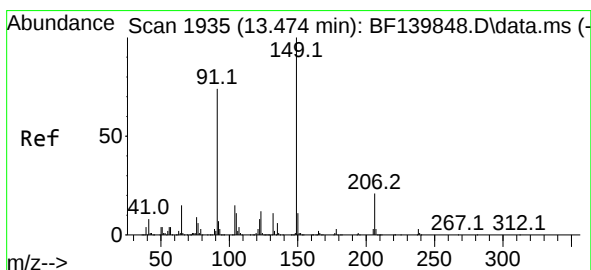
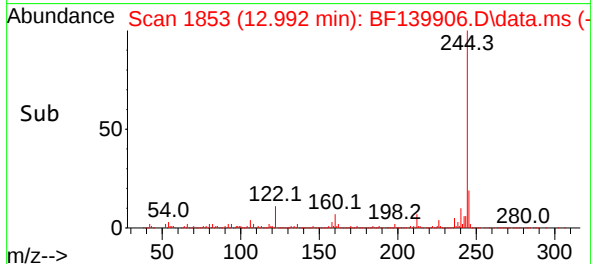
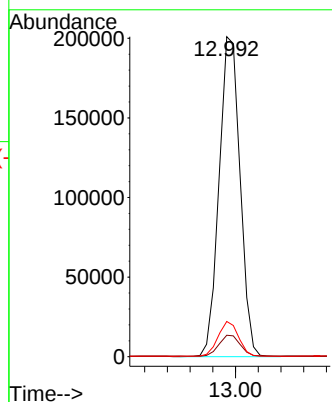
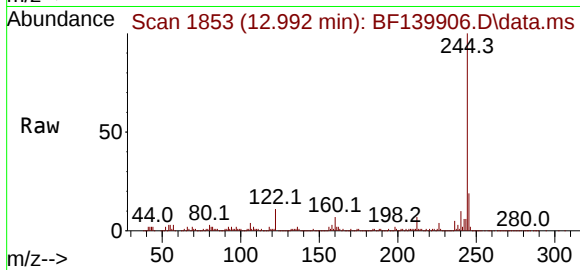
ClientSampleId :

TR-04-101524MS

Tgt Ion:244 Resp: 25866
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.0 8.6 13.0

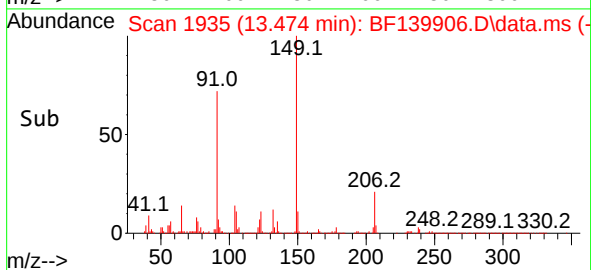
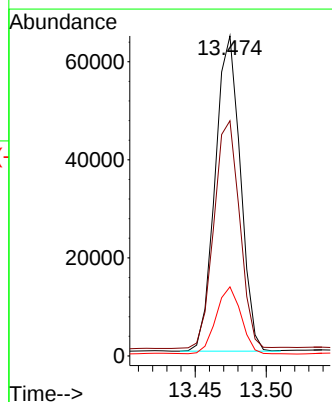
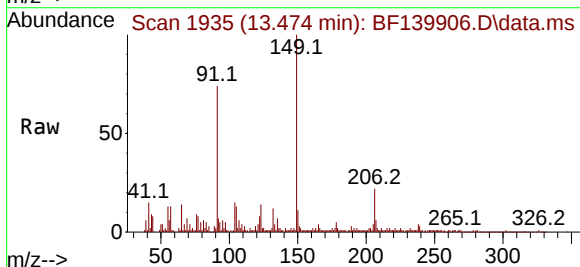
Manual Integrations
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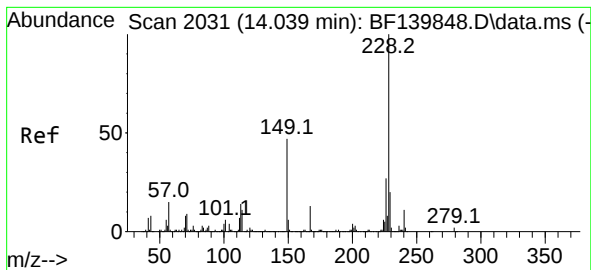
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#80
 Butylbenzylphthalate
 Concen: 7.080 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139906.D
 Acq: 21 Oct 2024 16:42

Tgt Ion:149 Resp: 79384
 Ion Ratio Lower Upper
 149 100
 91 73.5 59.4 89.2
 206 21.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 7.788 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

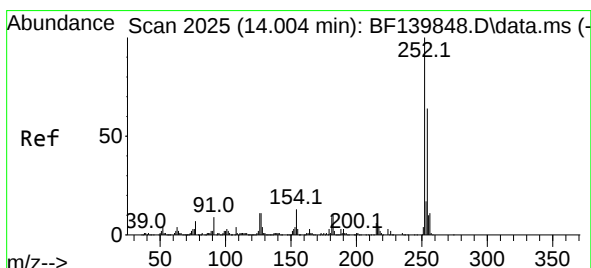
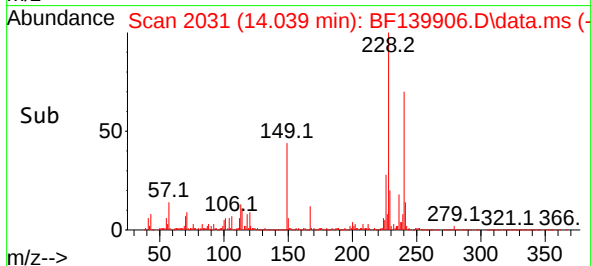
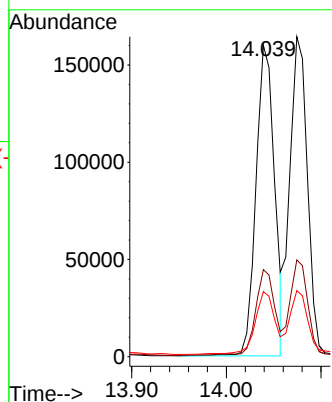
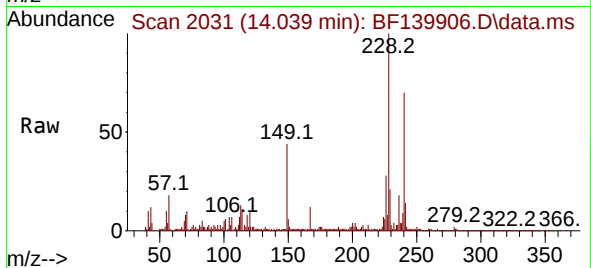
Tgt Ion:	228	Resp:	216608
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.6	32.4
229	20.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 4.353 ng

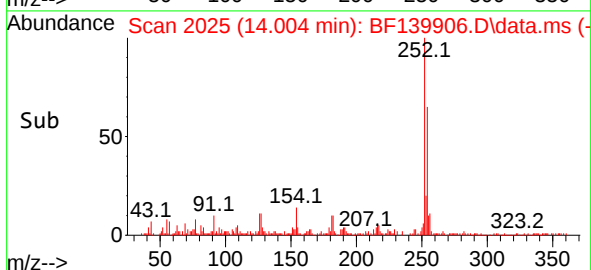
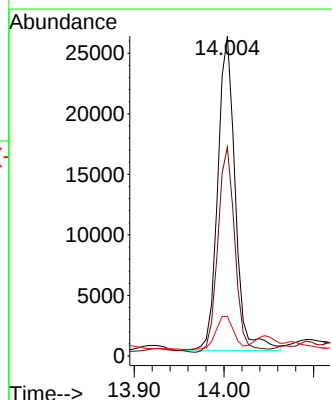
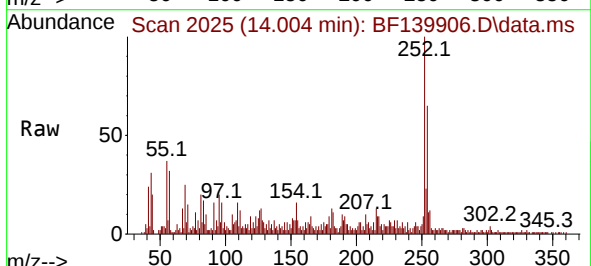
RT: 14.004 min Scan# 2025

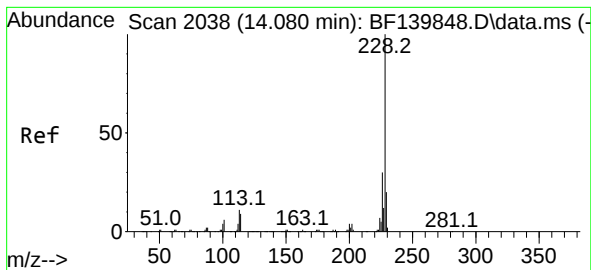
Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:	252	Resp:	35297
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.8	76.2
126	12.3	8.9	13.3





#83

Chrysene

Concen: 8.279 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

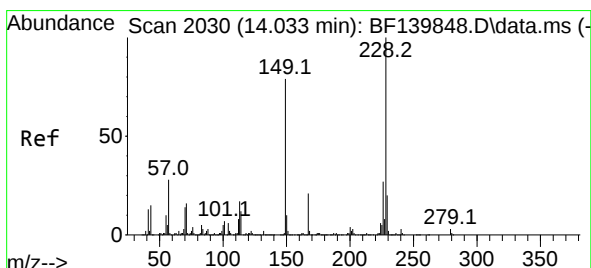
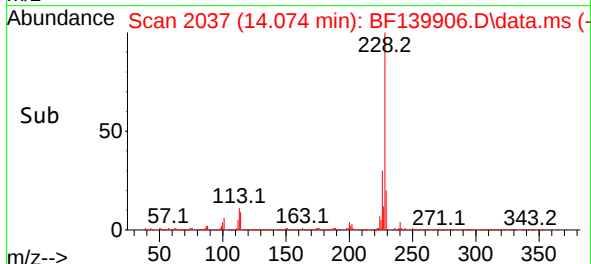
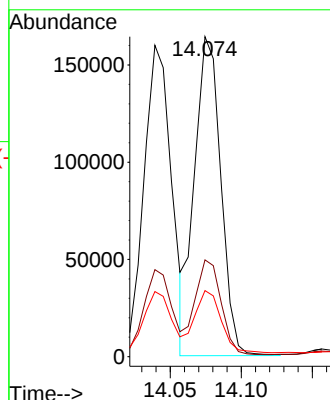
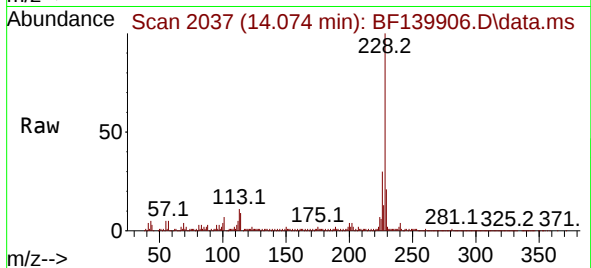
Tgt Ion:228	Resp: 21112
Ion Ratio	Lower Upper
228 100	
226 30.3	24.1 36.1
229 20.7	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.631 ng

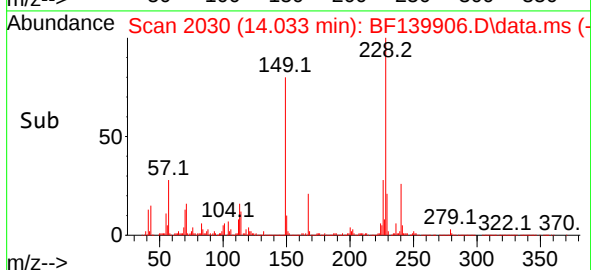
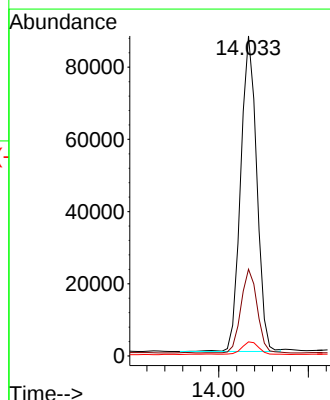
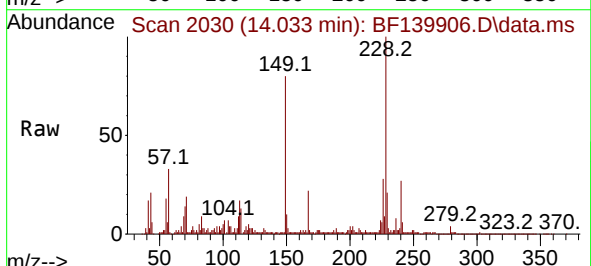
RT: 14.033 min Scan# 2030

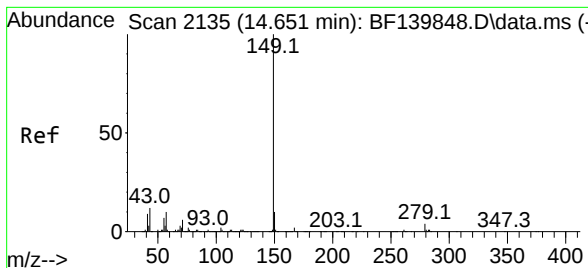
Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

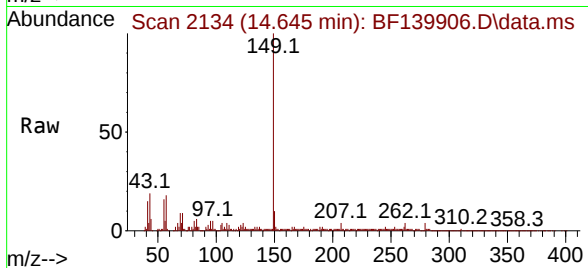
Tgt Ion:149	Resp: 108575
Ion Ratio	Lower Upper
149 100	
167 27.1	21.4 32.0
279 4.4	3.0 4.4





#85
Di-n-octyl phthalate
Concen: 7.273 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

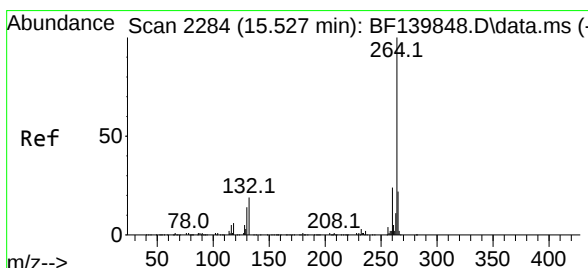
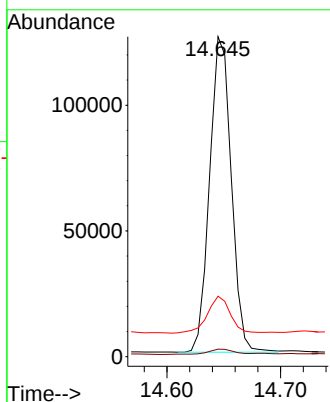
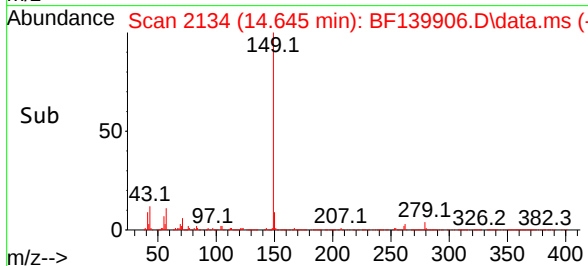
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:149 Resp: 166402
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8
43 12.3 9.8 14.6

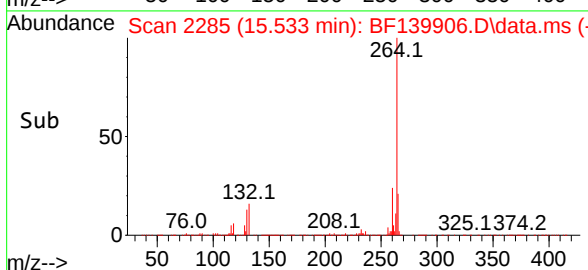
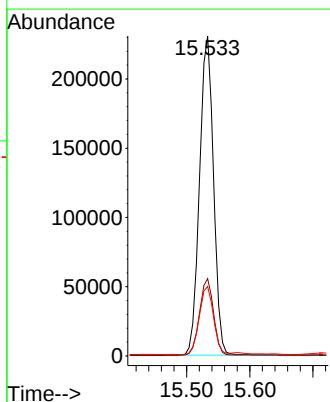
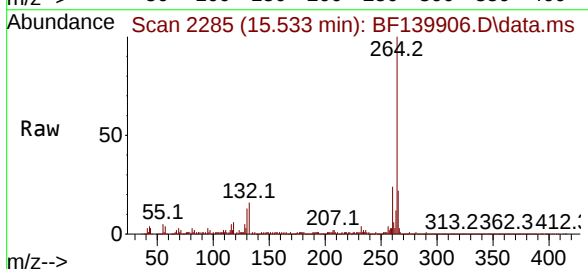
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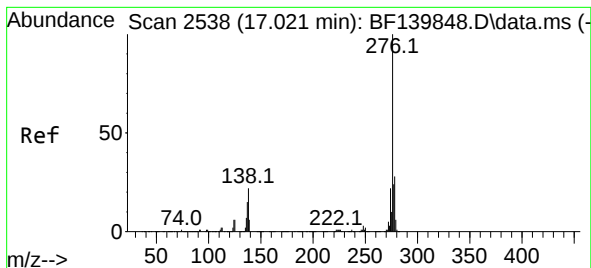
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:264 Resp: 354492
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.696 ng

RT: 17.021 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

Tgt Ion:276 Resp: 152700

Ion Ratio Lower Upper

276 100

138 23.3 20.4 30.6

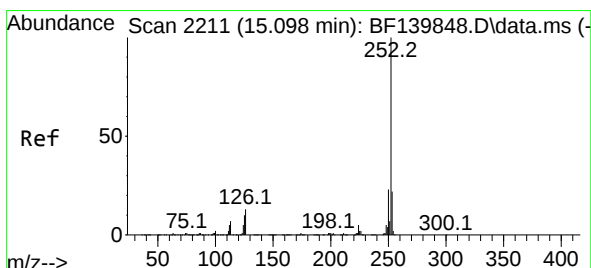
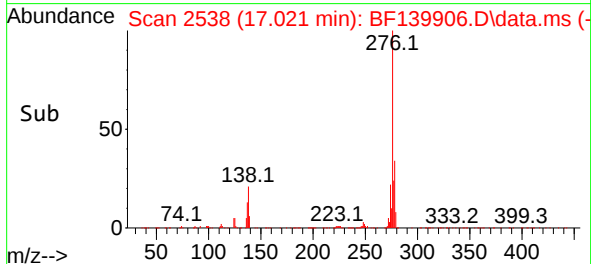
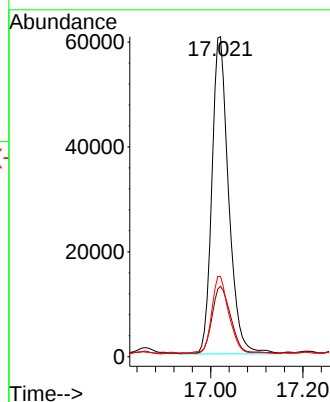
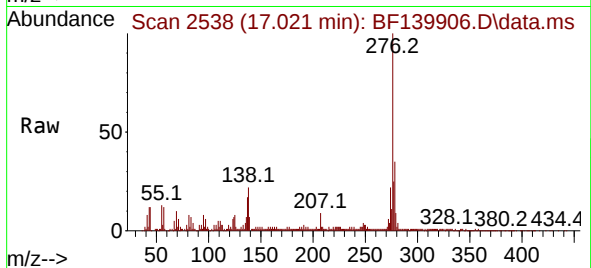
277 24.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#88

Benzo(b)fluoranthene

Concen: 8.668 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

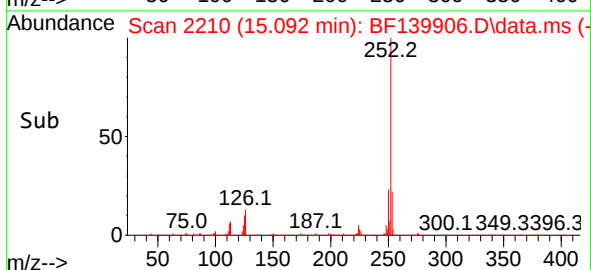
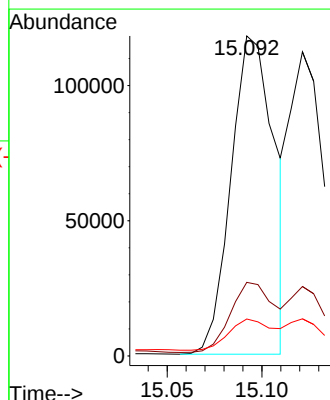
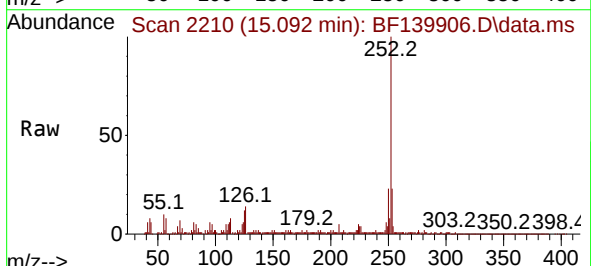
Tgt Ion:252 Resp: 187174

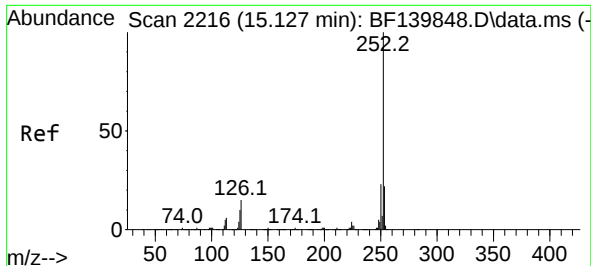
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

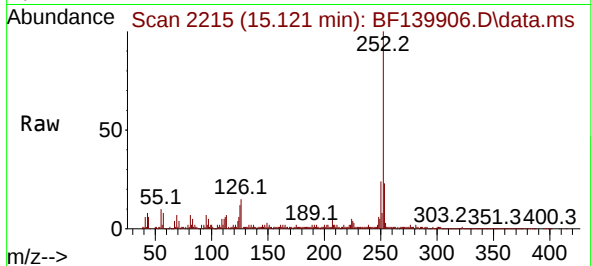
125 11.5 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 7.715 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

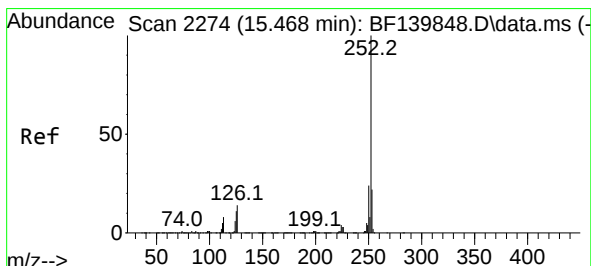
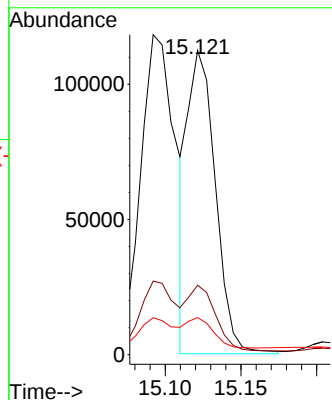
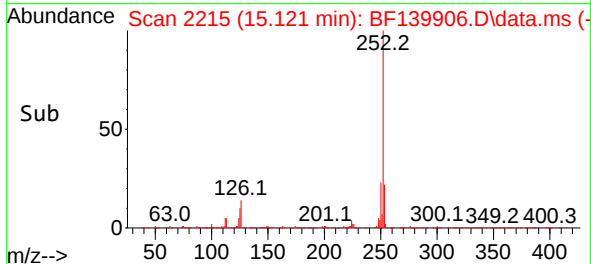
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MS



Tgt Ion:252 Resp: 14368
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.2 7.9 11.9

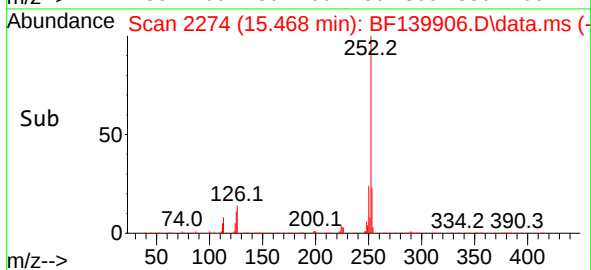
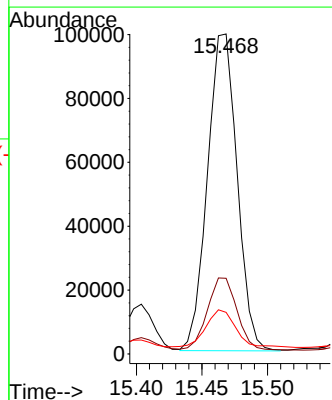
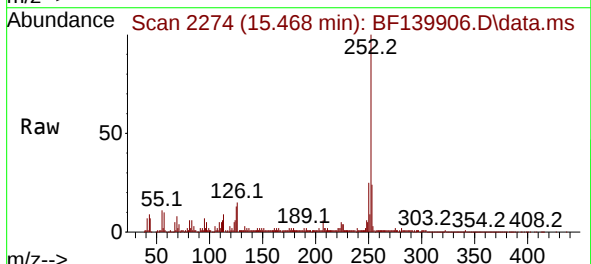
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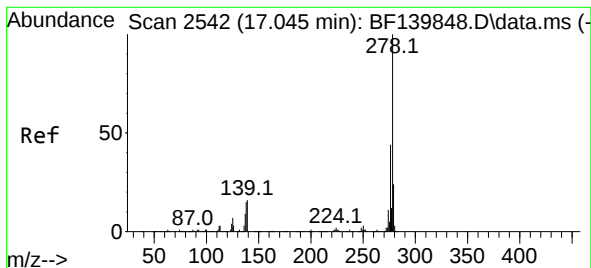
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#90
Benzo(a)pyrene
Concen: 8.807 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139906.D
Acq: 21 Oct 2024 16:42

Tgt Ion:252 Resp: 156486
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 13.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 5.992 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MS

Tgt Ion:278 Resp: 114000

Ion Ratio Lower Upper

278 100

139 17.0 13.1 19.7

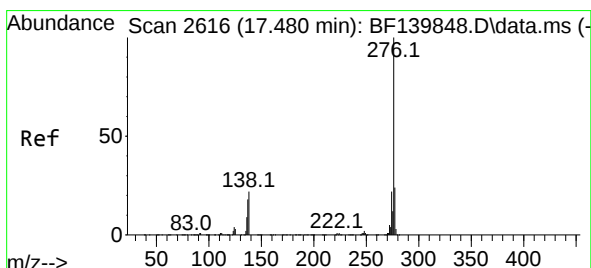
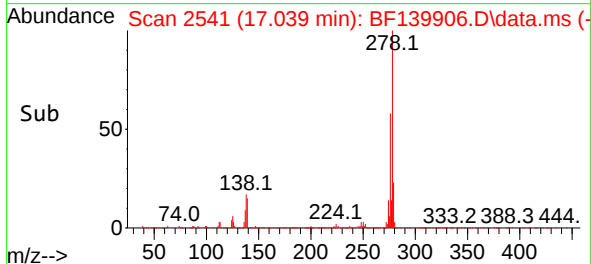
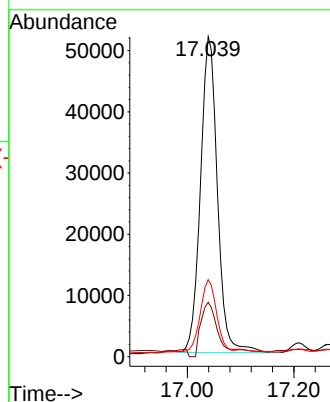
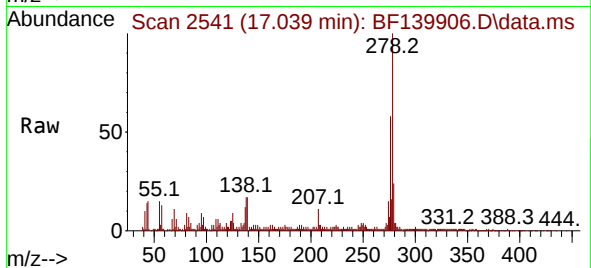
279 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#92

Benzo(g,h,i)perylene

Concen: 6.496 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.012 min

Lab File: BF139906.D

Acq: 21 Oct 2024 16:42

Tgt Ion:276 Resp: 123451

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 20.8 17.4 26.0

