

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139100.D
 Acq On : 21 Aug 2024 14:21
 Operator : RC/JU
 Sample : P3660-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MSD

Quant Time: Aug 21 14:54:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	89610	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	336148	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	191894	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	303323	20.000	ng	0.00
76) Chrysene-d12	14.057	240	158862	20.000	ng	0.00
86) Perylene-d12	15.533	264	194420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	426932	73.300	ng	0.00
7) Phenol-d6	6.522	99	567584	75.417	ng	0.00
23) Nitrobenzene-d5	7.457	82	361566	62.676	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	128871	74.184	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	489023	40.433	ng	0.00
79) Terphenyl-d14	12.998	244	321421	33.572	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	108194	43.309	ng	99
3) Pyridine	3.510	79	291284	45.884	ng	98
4) n-Nitrosodimethylamine	3.463	42	180378	47.036	ng	98
6) Aniline	6.557	93	332932	49.004	ng	100
8) 2-Chlorophenol	6.681	128	285296	50.926	ng	96
9) Benzaldehyde	6.446	77	164147	37.189	ng	99
10) Phenol	6.534	94	400134	51.098	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	288258	45.774	ng	99
12) 1,3-Dichlorobenzene	6.840	146	314159	46.642	ng	99
13) 1,4-Dichlorobenzene	6.916	146	319719	47.475	ng	99
14) 1,2-Dichlorobenzene	7.063	146	302053	49.075	ng	99
15) Benzyl Alcohol	7.034	79	307384	51.677	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	443569	50.003	ng	99
17) 2-Methylphenol	7.145	107	241901	50.473	ng	98
18) Hexachloroethane	7.410	117	113226	47.946	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	241560	48.876	ng	99
20) 3+4-Methylphenols	7.298	107	317138	51.072	ng	93
22) Acetophenone	7.304	105	422159	49.186	ng	94
24) Nitrobenzene	7.475	77	346828	54.089	ng	99
25) Isophorone	7.716	82	633836	51.693	ng	99
26) 2-Nitrophenol	7.792	139	134144	58.595	ng	99
27) 2,4-Dimethylphenol	7.828	122	234766	60.380	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	357768	49.937	ng	100
29) 2,4-Dichlorophenol	8.034	162	247073	51.007	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	262998	46.368	ng	100
31) Naphthalene	8.204	128	824950	48.429	ng	100
32) Benzoic acid	7.940	122	166159	50.740	ng	98
33) 4-Chloroaniline	8.245	127	160783	27.560	ng	99
34) Hexachlorobutadiene	8.316	225	178433	48.158	ng	99
35) Caprolactam	8.616	113	77291m	50.328	ng	
36) 4-Chloro-3-methylphenol	8.722	107	271820	50.681	ng	99
37) 2-Methylnaphthalene	8.892	142	542088	49.614	ng	100
38) 1-Methylnaphthalene	8.992	142	502042	47.609	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	266564	51.244	ng	99
41) Hexachlorocyclopentadiene	9.045	237	322854	159.897	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	190030	53.600	ng	99

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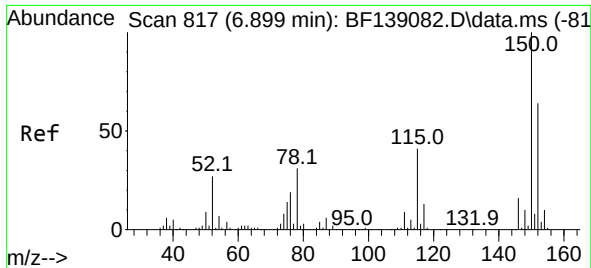
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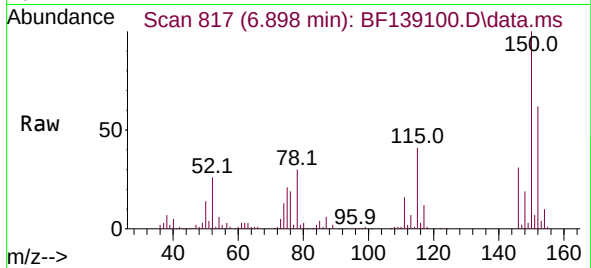
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	182210	50.070	ng	98
46) 1,1'-Biphenyl	9.357	154	666637	50.714	ng	100
47) 2-Chloronaphthalene	9.381	162	514560	48.176	ng	99
48) 2-Nitroaniline	9.475	65	174548	55.956	ng	99
49) Acenaphthylene	9.798	152	814403	53.228	ng	100
50) Dimethylphthalate	9.657	163	622927	52.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	128766	53.607	ng	98
52) Acenaphthene	9.969	154	563003	55.705	ng	99
53) 3-Nitroaniline	9.886	138	93682	39.749	ng	# 95
54) 2,4-Dinitrophenol	9.986	184	115788	98.137	ng	# 65
55) Dibenzofuran	10.139	168	745148	50.759	ng	99
56) 4-Nitrophenol	10.039	139	185130	103.383	ng	99
57) 2,4-Dinitrotoluene	10.122	165	168072	55.446	ng	97
58) Fluorene	10.481	166	571447	48.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154721	52.952	ng	98
60) Diethylphthalate	10.357	149	603163	51.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	287693	49.100	ng	100
62) 4-Nitroaniline	10.498	138	113762	46.879	ng	98
63) Azobenzene	10.633	77	654234	50.154	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	75664	62.685	ng	96
66) n-Nitrosodiphenylamine	10.592	169	492550	54.880	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	175675	54.657	ng	99
68) Hexachlorobenzene	11.028	284	180639	52.386	ng	99
69) Atrazine	11.122	200	158214	57.720	ng	99
70) Pentachlorophenol	11.222	266	209523	95.124	ng	98
71) Phenanthrene	11.445	178	804100	52.156	ng	100
72) Anthracene	11.498	178	776156	51.477	ng	100
73) Carbazole	11.645	167	599571	42.585	ng	100
74) Di-n-butylphthalate	11.986	149	783200	47.975	ng	100
75) Fluoranthene	12.633	202	680619	41.362	ng	99
77) Benzidine	12.751	184	192720	58.729	ng	99
78) Pyrene	12.857	202	654467	49.367	ng	100
80) Butylbenzylphthalate	13.480	149	231156	50.399	ng	98
81) Benzo(a)anthracene	14.045	228	544431	52.134	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	147304	50.463	ng	99
83) Chrysene	14.086	228	530252	56.019	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	308208	50.689	ng	99
85) Di-n-octyl phthalate	14.657	149	525812	61.614	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	539237	47.391	ng	99
88) Benzo(b)fluoranthene	15.104	252	610550	48.170	ng	99
89) Benzo(k)fluoranthene	15.133	252	554506	52.527	ng	99
90) Benzo(a)pyrene	15.474	252	560599	55.974	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	441080	47.223	ng	99
92) Benzo(g,h,i)perylene	17.462	276	375433	35.927	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

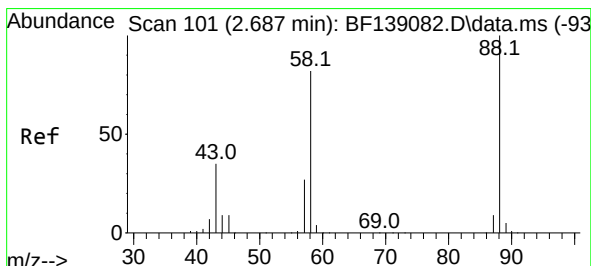
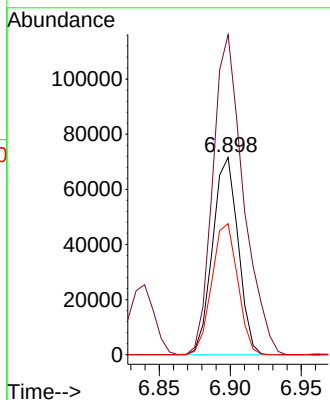
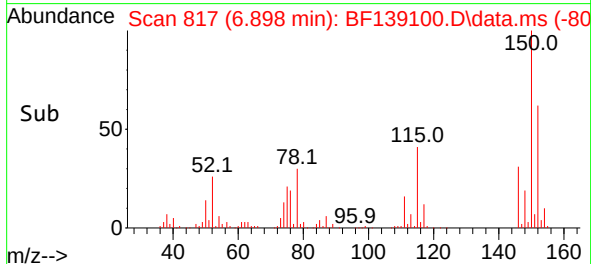
Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MSD



Tgt Ion:152 Resp: 89610
 Ion Ratio Lower Upper
 152 100
 150 162.2 125.1 187.7
 115 66.4 51.8 77.6

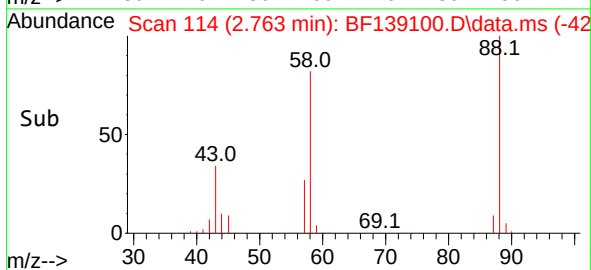
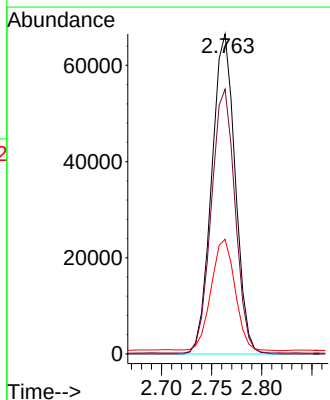
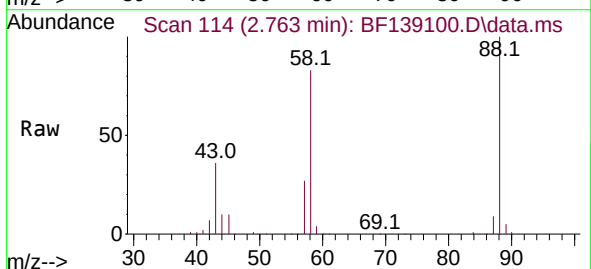
Manual Integrations
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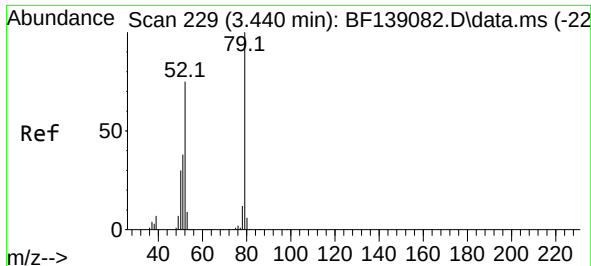
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024



#2
 1,4-Dioxane
 Concen: 43.309 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.076 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

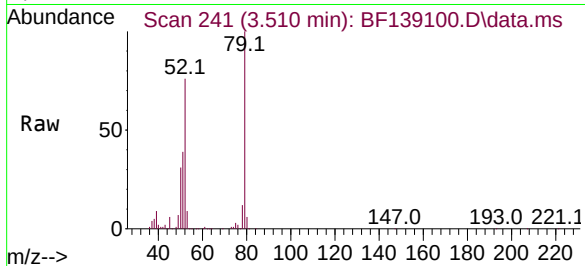
Tgt Ion: 88 Resp: 108194
 Ion Ratio Lower Upper
 88 100
 58 83.1 65.4 98.0
 43 35.4 27.9 41.9





#3
Pyridine
Concen: 45.884 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.070 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

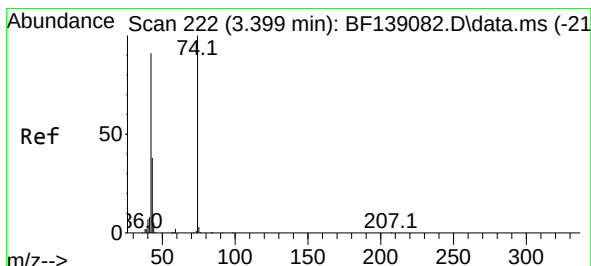
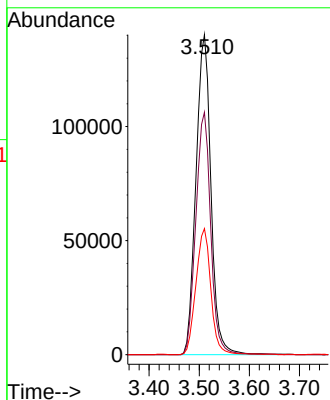
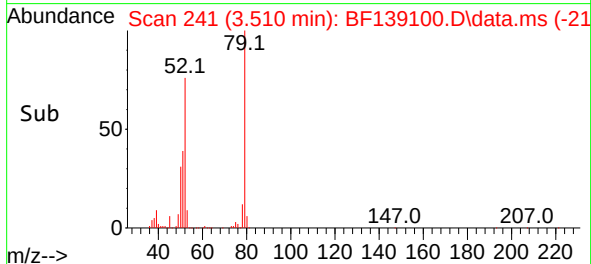
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion: 79 Resp: 291284
Ion Ratio Lower Upper
79 100
52 75.7 59.7 89.5
51 39.4 30.6 45.8

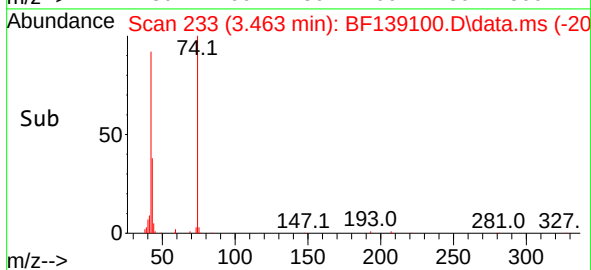
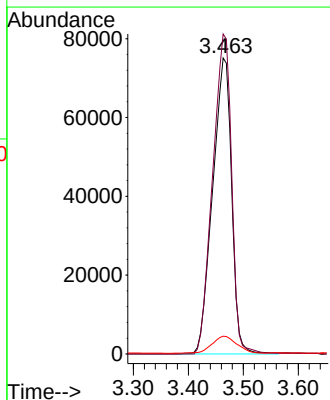
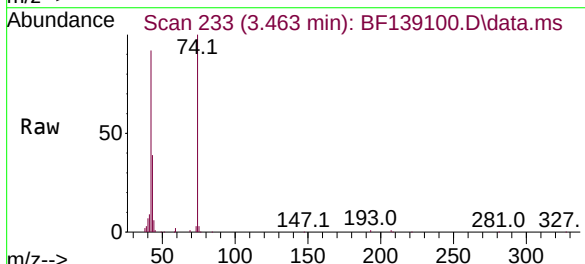
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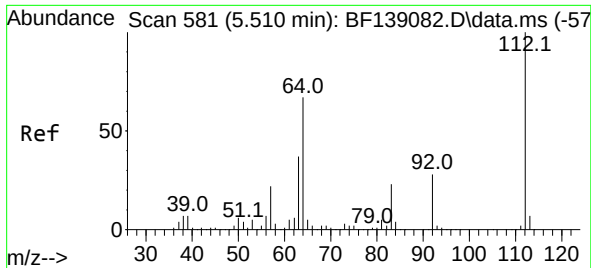
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#4
n-Nitrosodimethylamine
Concen: 47.036 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.065 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

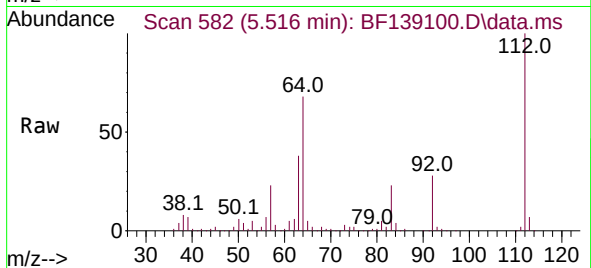
Tgt Ion: 42 Resp: 180378
Ion Ratio Lower Upper
42 100
74 108.1 88.2 132.2
44 6.0 5.4 8.0





#5
2-Fluorophenol
Concen: 73.300 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

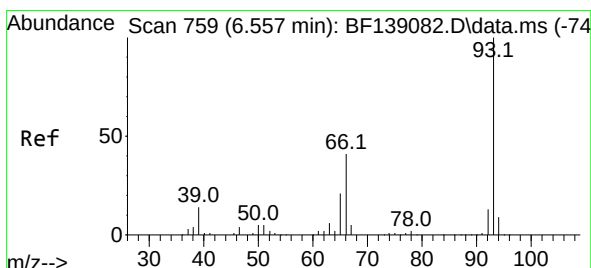
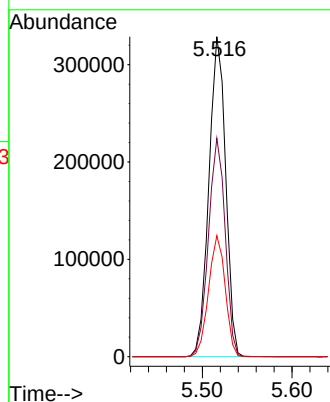
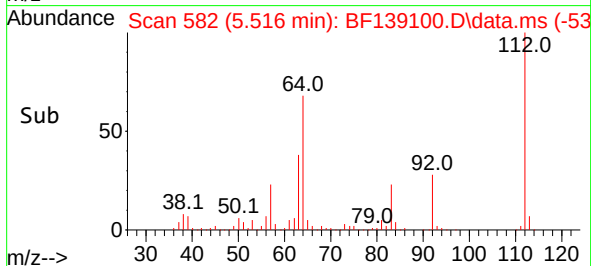
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Tgt Ion: 112 Resp: 426932
Ion Ratio Lower Upper
112 100
64 68.2 53.8 80.6
63 37.8 29.4 44.2

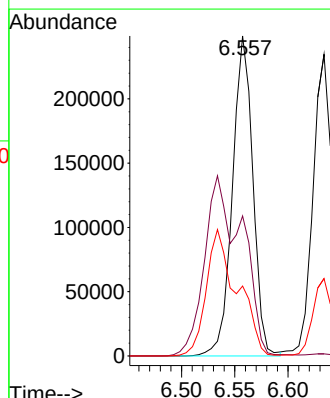
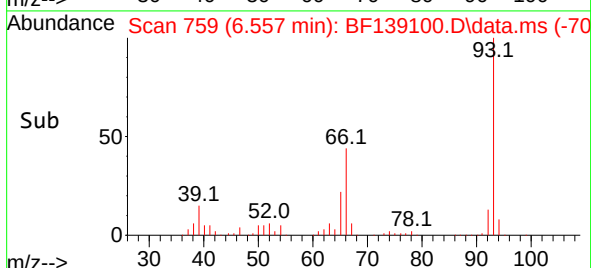
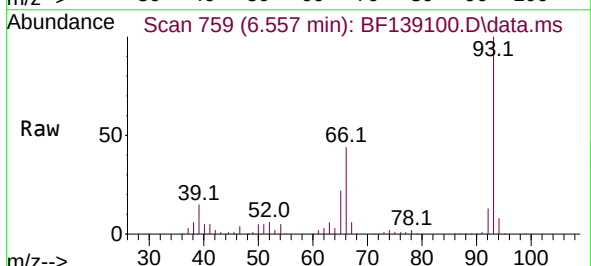
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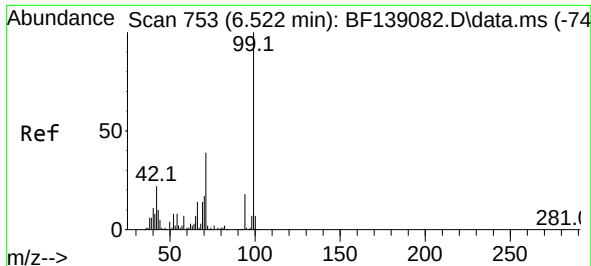
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#6
Aniline
Concen: 49.004 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

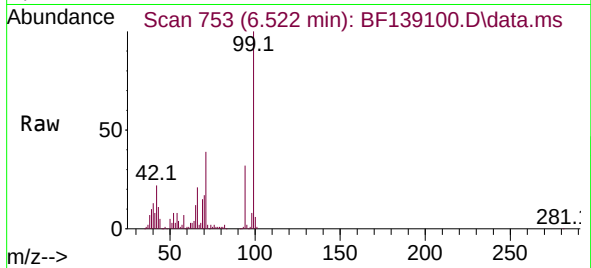
Tgt Ion: 93 Resp: 332932
Ion Ratio Lower Upper
93 100
66 43.8 35.1 52.7
65 21.8 17.4 26.2





#7
Phenol-d6
Concen: 75.417 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

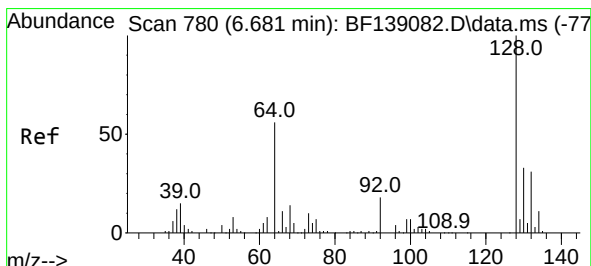
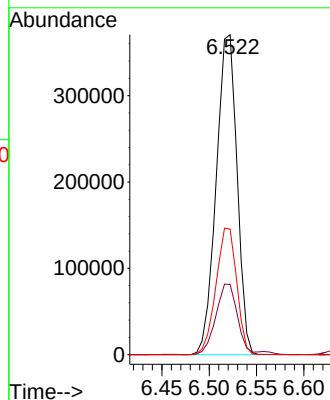
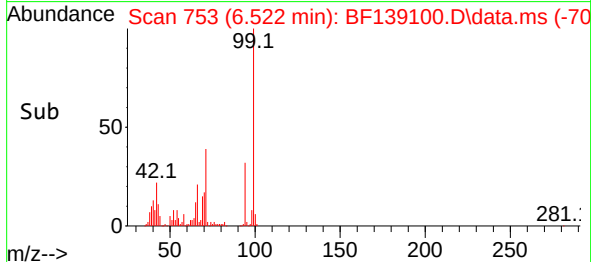
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Tgt Ion: 99 Resp: 567584
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.2
71 39.3 31.2 46.8

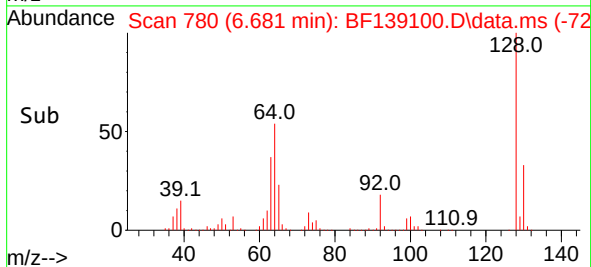
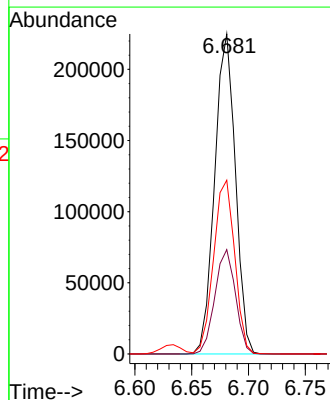
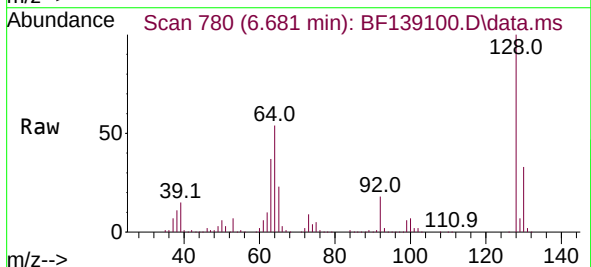
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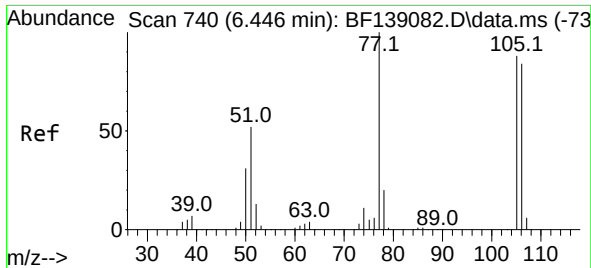
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#8
2-Chlorophenol
Concen: 50.926 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

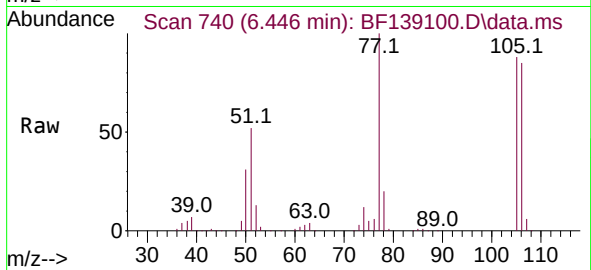
Tgt Ion:128 Resp: 285296
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 54.3 39.1 79.1





#9
Benzaldehyde
Concen: 37.189 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

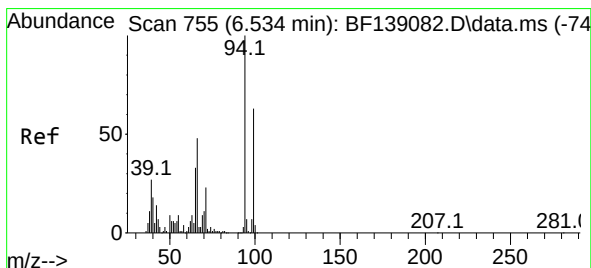
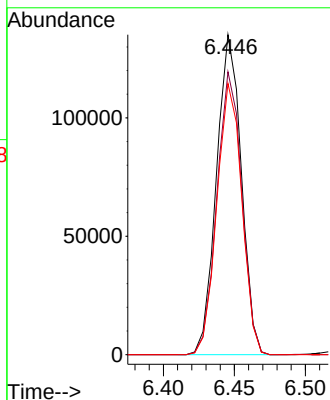
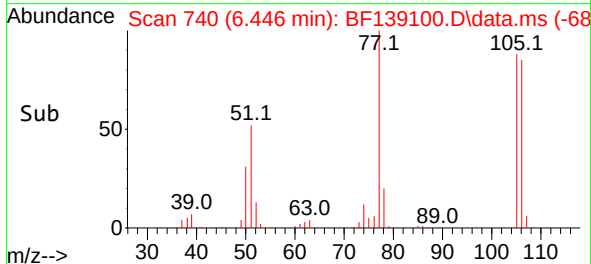
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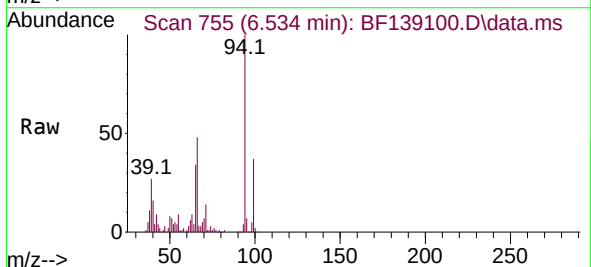
Tgt Ion: 77 Resp: 16414
Ion Ratio Lower Upper
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105 88.4 68.2 108.2
106 84.7 63.8 103.8

Manual Integrations
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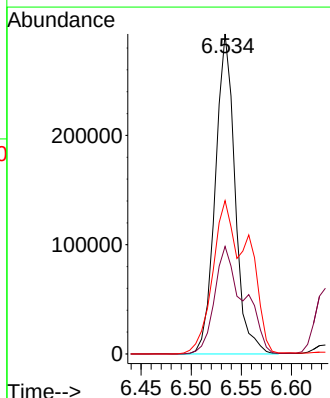
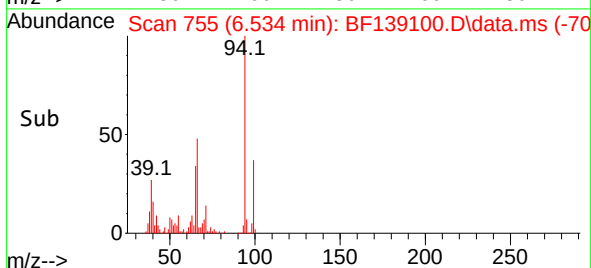
Reviewed By :Yogesh Patel 08/22/2024
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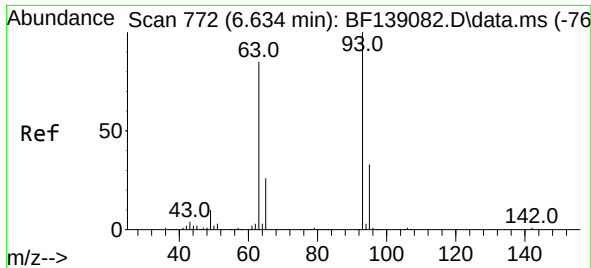


#10
Phenol
Concen: 51.098 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



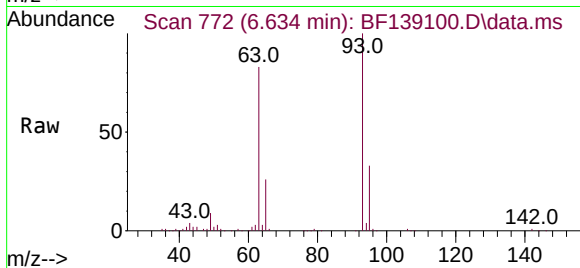
Tgt Ion: 94 Resp: 400134
Ion Ratio Lower Upper
94 100
65 33.6 13.5 53.5
66 47.9 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.774 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

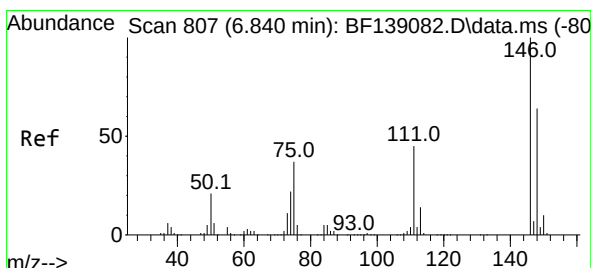
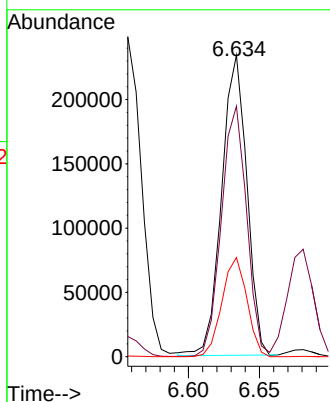
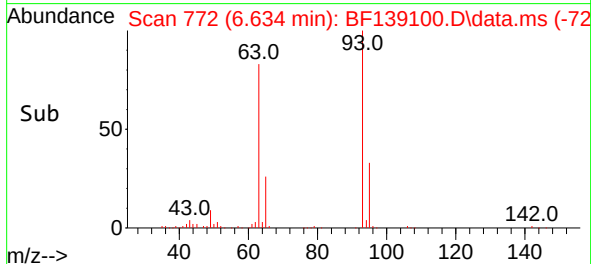
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion: 93 Resp: 288258
Ion Ratio Lower Upper
93 100
63 83.0 62.7 102.7
95 32.9 11.9 51.9

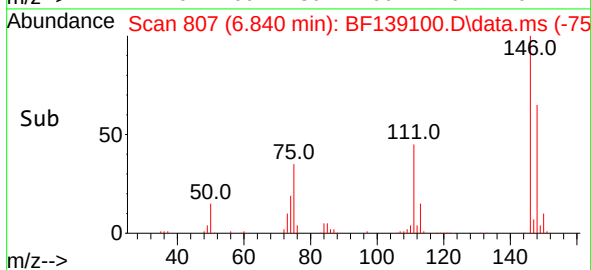
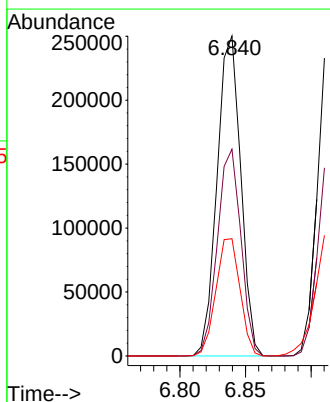
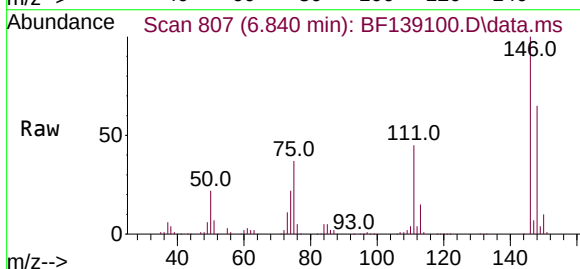
Manual Integrations
APPROVED

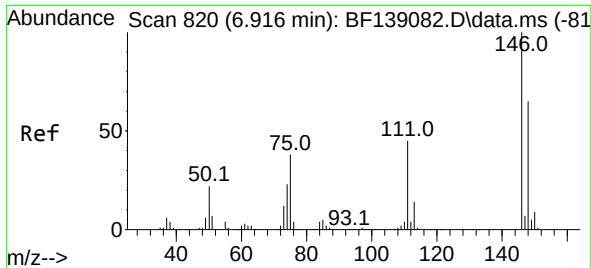
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 46.642 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

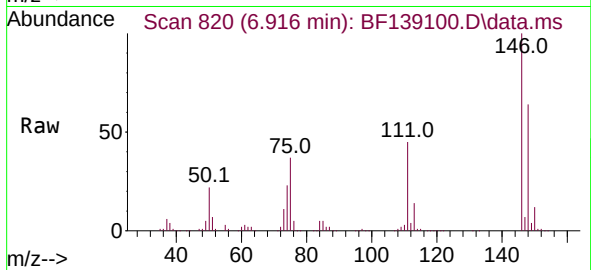
Tgt Ion:146 Resp: 314159
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 36.7 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 47.475 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

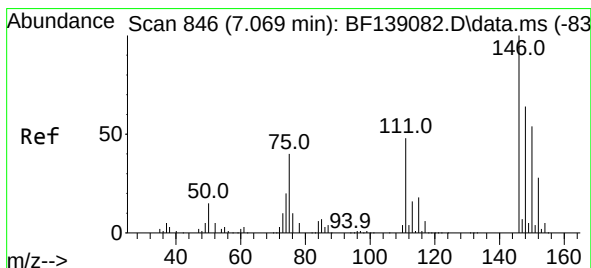
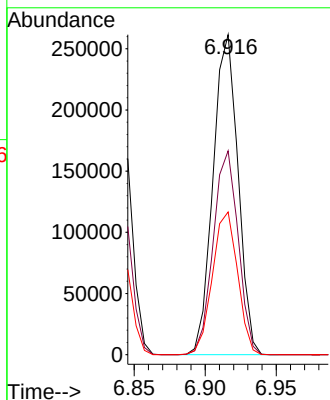
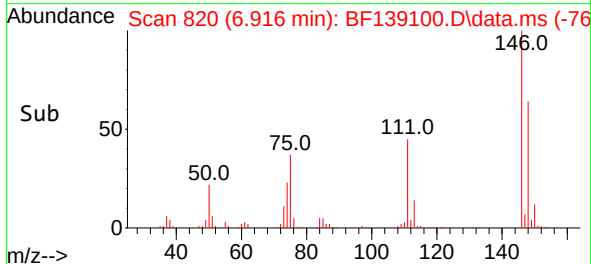
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



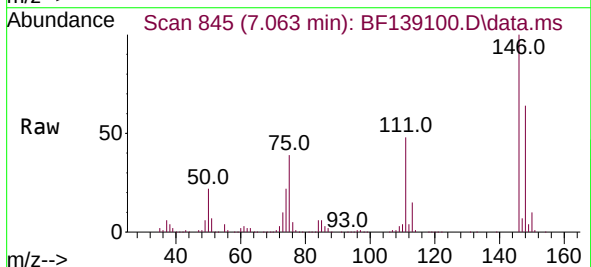
Tgt Ion:146 Resp: 319719
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 44.6 35.8 53.6

Manual Integrations
APPROVED

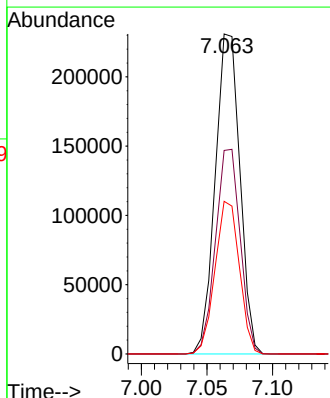
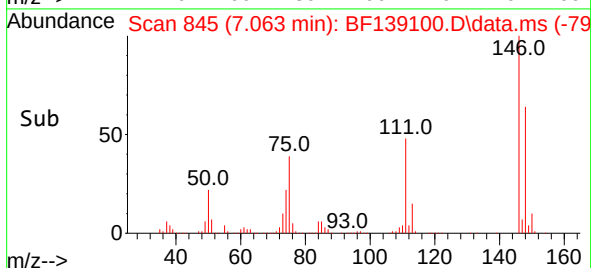
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

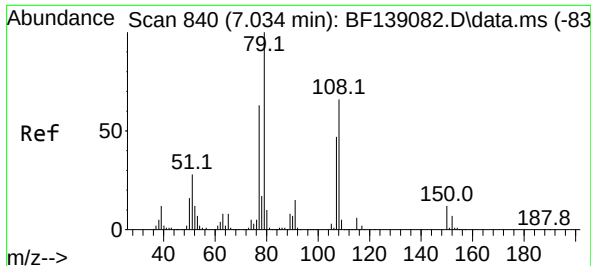


#14
1,2-Dichlorobenzene
Concen: 49.075 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



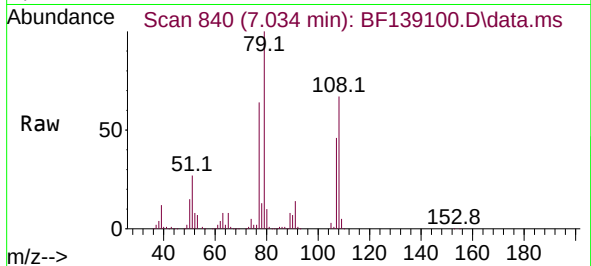
Tgt Ion:146 Resp: 302053
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 47.7 38.1 57.1





#15
Benzyl Alcohol
Concen: 51.677 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

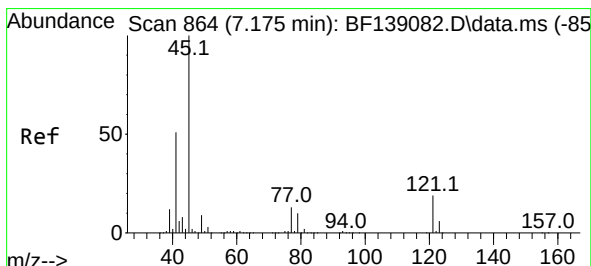
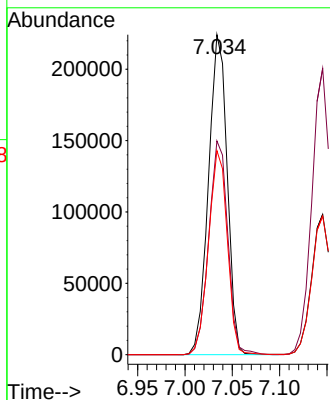
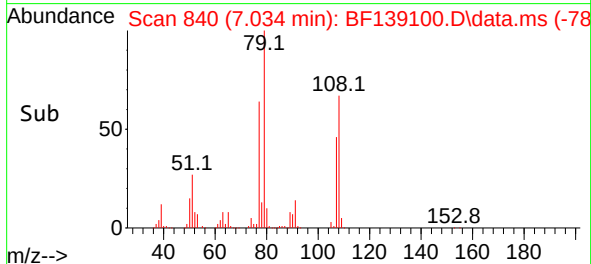
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion: 79 Resp: 307384
Ion Ratio Lower Upper
79 100
108 66.8 52.8 79.2
77 63.8 50.6 76.0

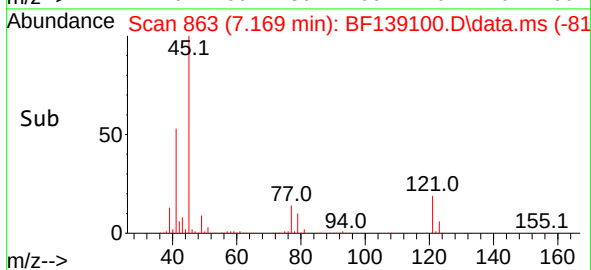
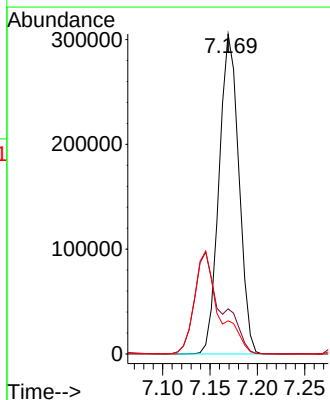
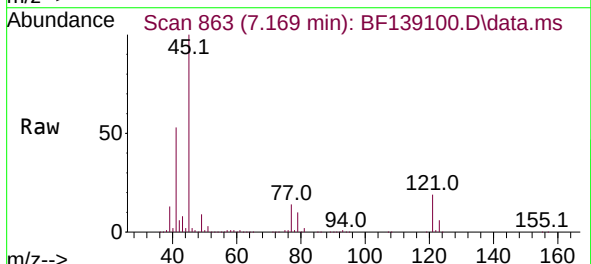
Manual Integrations
APPROVED

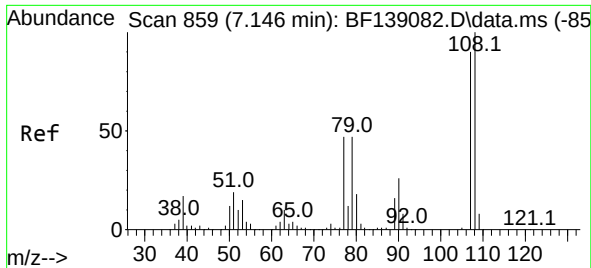
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.003 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

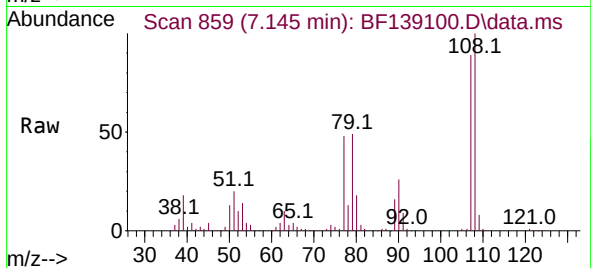
Tgt Ion: 45 Resp: 443569
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.7
79 10.4 0.0 30.4





#17
2-Methylphenol
Concen: 50.473 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

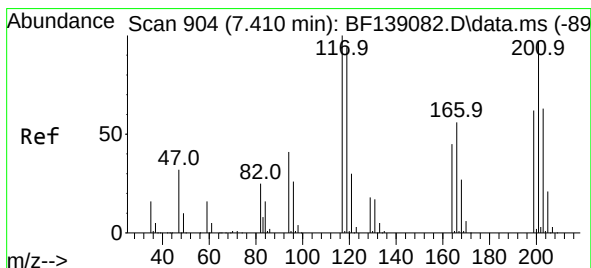
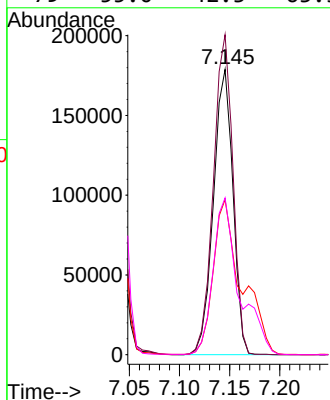
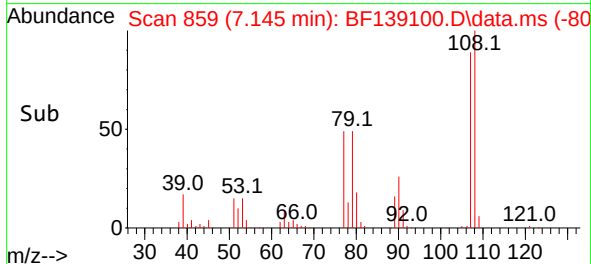
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:107 Resp: 24190
Ion Ratio Lower Upper
107 100
108 112.2 89.1 133.7
77 54.4 42.1 63.1
79 55.0 42.3 63.5

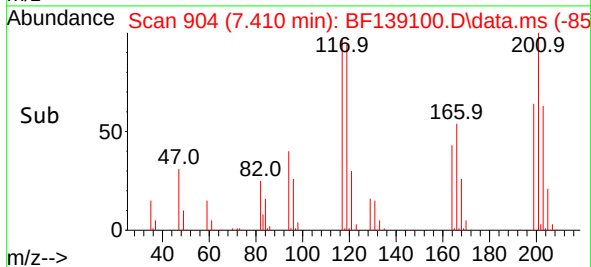
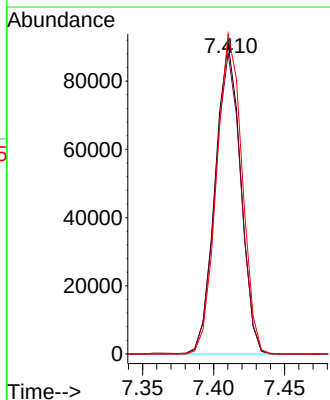
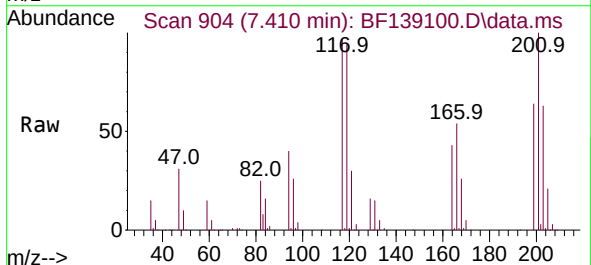
Manual Integrations
APPROVED

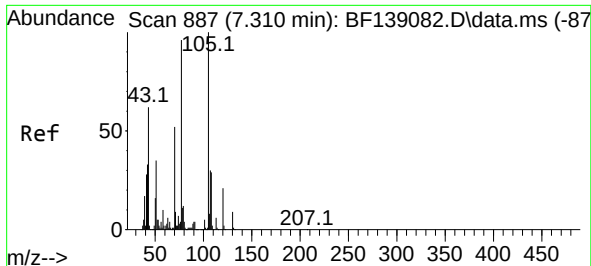
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#18
Hexachloroethane
Concen: 47.946 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

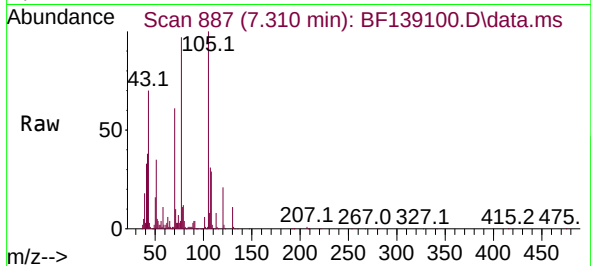
Tgt Ion:117 Resp: 113226
Ion Ratio Lower Upper
117 100
119 96.7 75.5 113.3
201 103.0 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.876 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

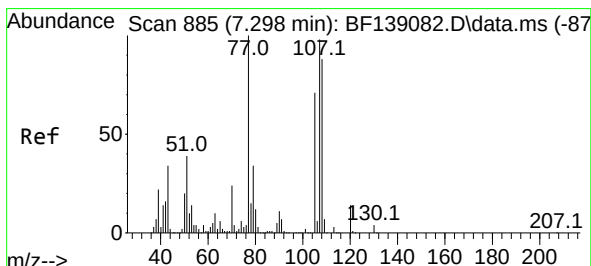
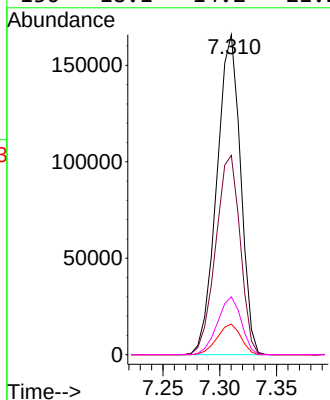
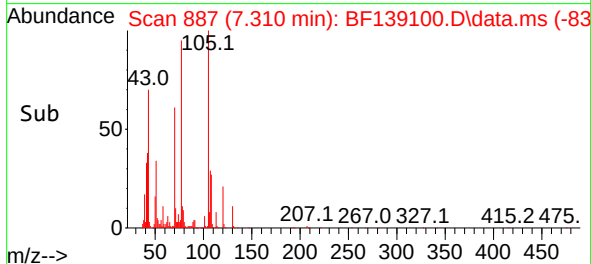
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



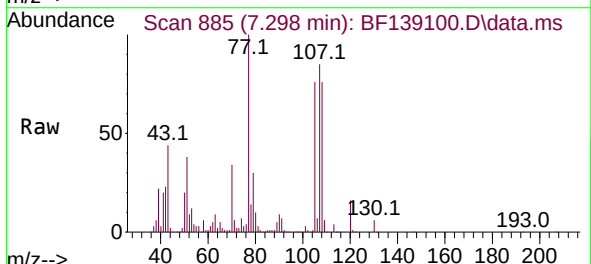
Tgt Ion: 70 Resp: 241560
Ion Ratio Lower Upper
70 100
42 62.3 50.5 75.7
101 9.6 7.2 10.8
130 18.1 14.2 21.2

Manual Integrations
APPROVED

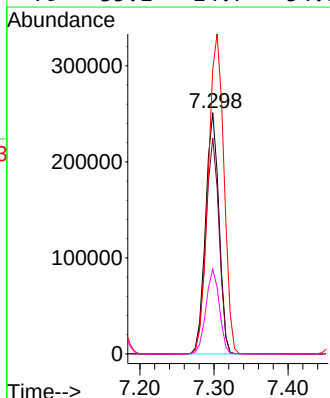
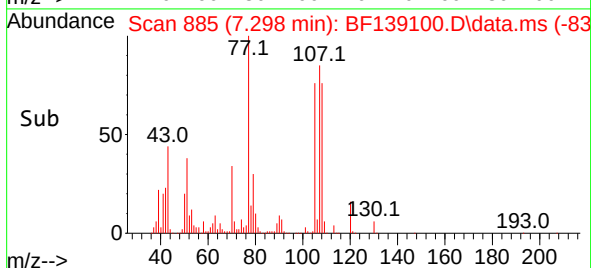
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

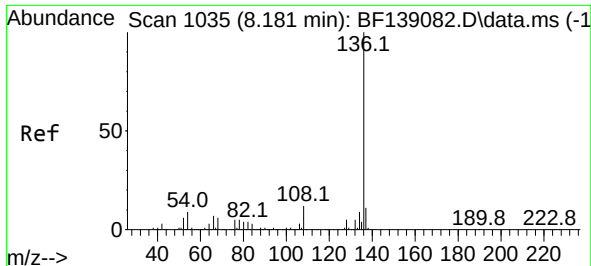


#20
3+4-Methylphenols
Concen: 51.072 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



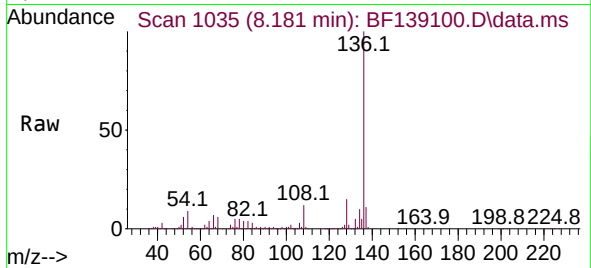
Tgt Ion:107 Resp: 317138
Ion Ratio Lower Upper
107 100
108 89.5 70.2 110.2
77 118.0 82.7 122.7
79 35.1 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

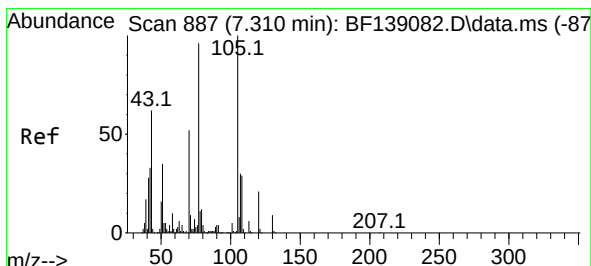
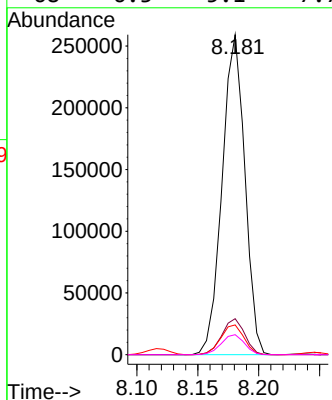
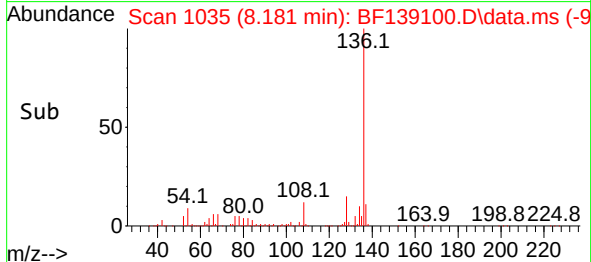
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:136 Resp: 336148
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.3 7.6 11.4
68 6.3 5.1 7.7

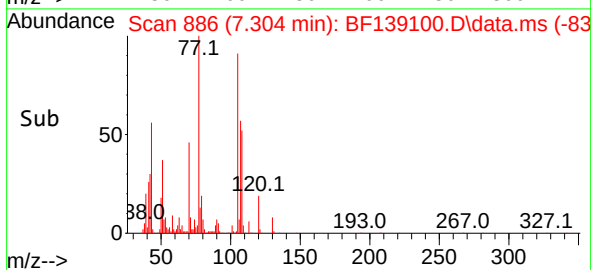
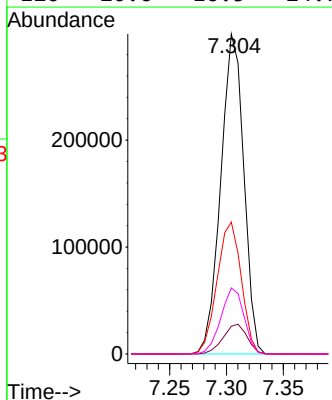
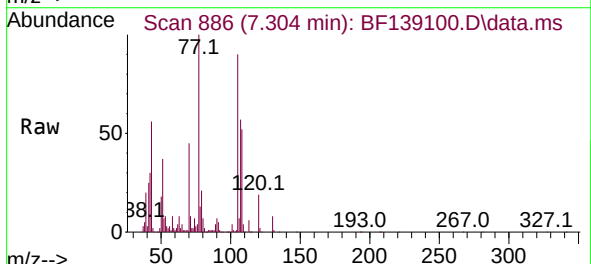
Manual Integrations
APPROVED

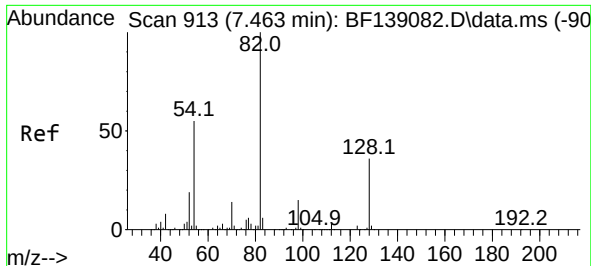
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 49.186 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

Tgt Ion:105 Resp: 422159
Ion Ratio Lower Upper
105 100
71 8.6 7.0 10.6
51 41.2 28.0 42.0
120 20.6 16.5 24.7





#23

Nitrobenzene-d5

Concen: 62.676 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

ClientSampleId :

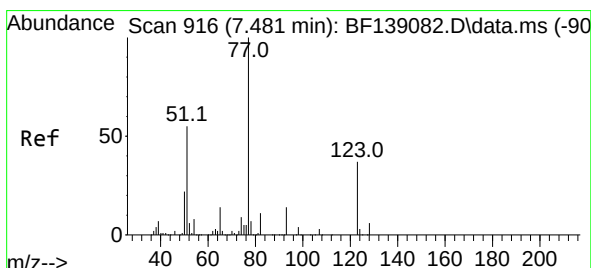
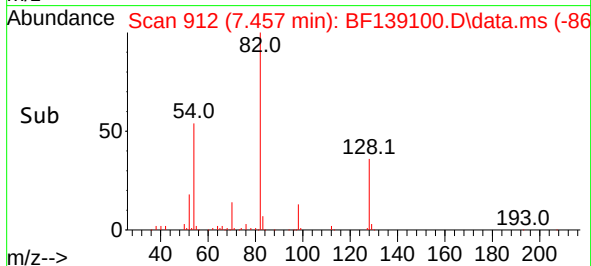
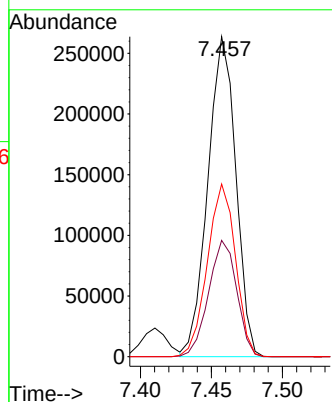
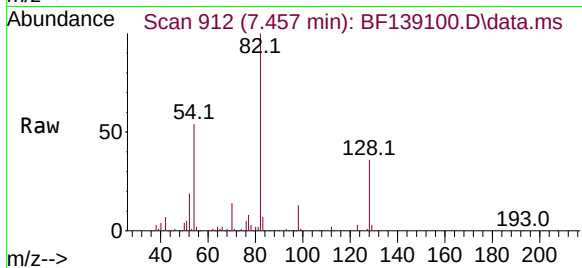
S-906-J-0-0.5-081624MSD

Tgt Ion: 82 Resp: 36156

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	54.0	43.4	65.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#24

Nitrobenzene

Concen: 54.089 ng

RT: 7.475 min Scan# 915

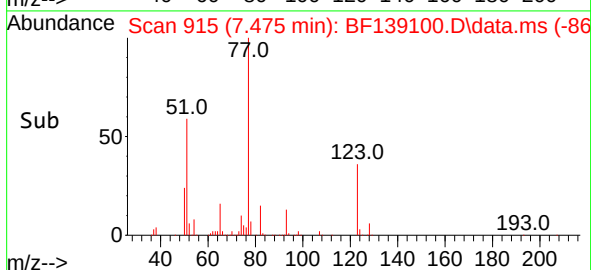
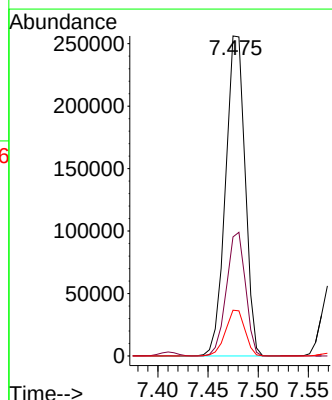
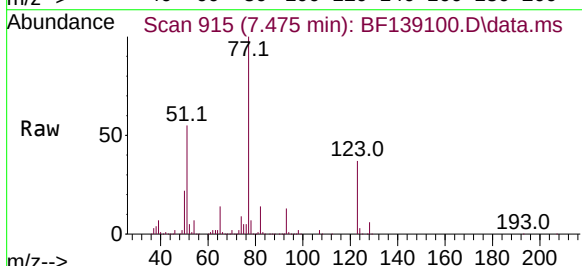
Delta R.T. -0.006 min

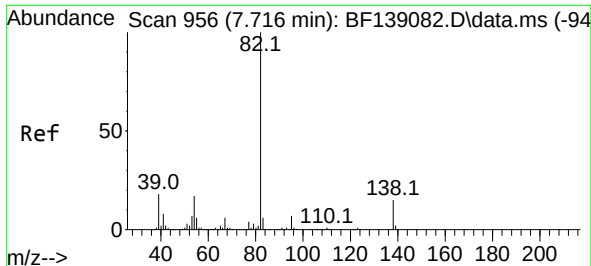
Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

Tgt Ion: 77 Resp: 346828

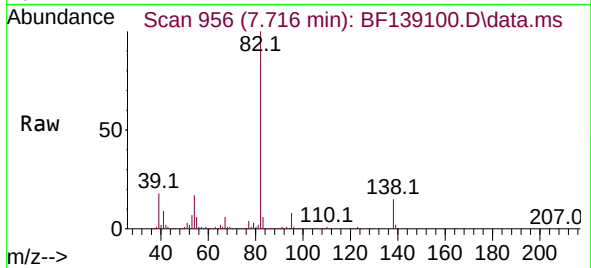
Ion	Ratio	Lower	Upper
77	100		
123	37.2	30.3	45.5
65	14.3	11.3	16.9





#25
Isophorone
Concen: 51.693 ng
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

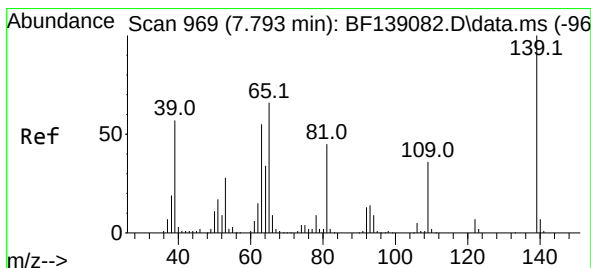
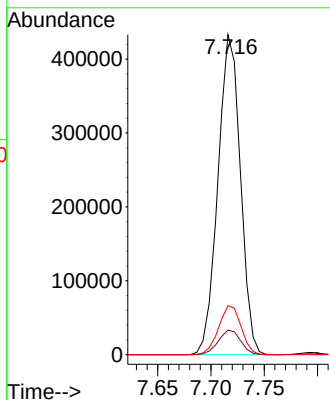
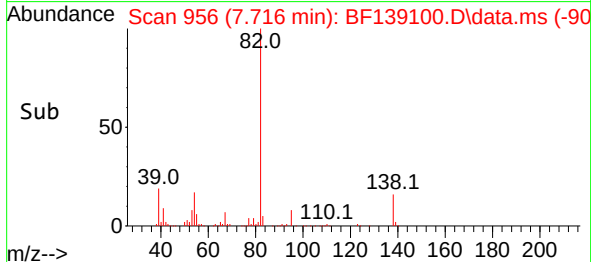
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion: 82 Resp: 633830
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 15.3 11.8 17.8

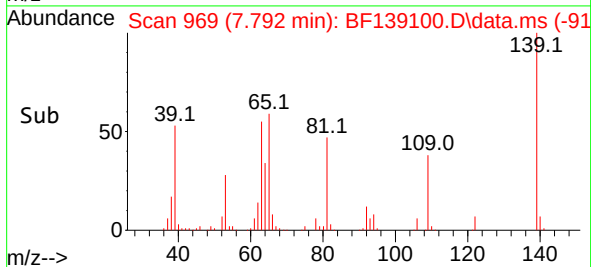
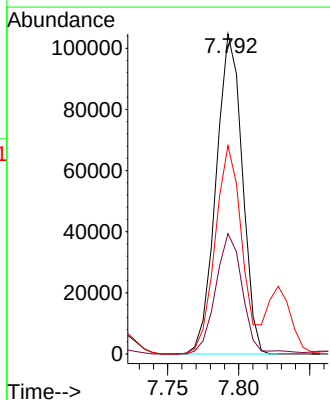
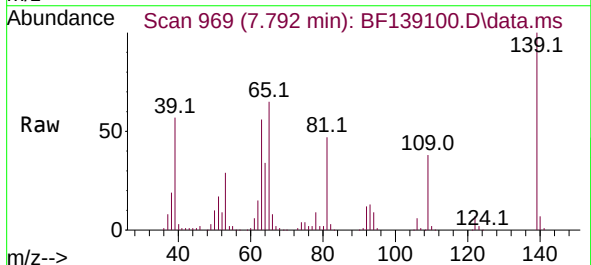
Manual Integrations
APPROVED

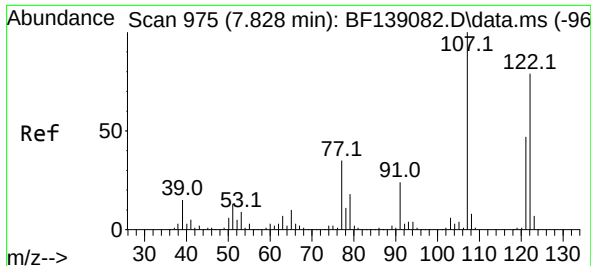
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 58.595 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

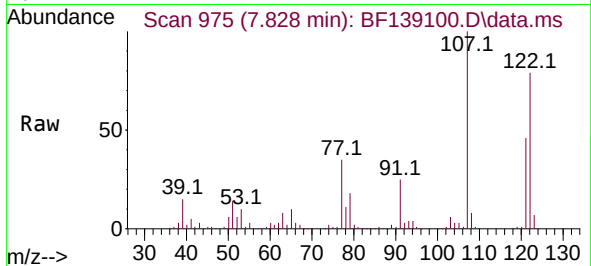
Tgt Ion:139 Resp: 134144
Ion Ratio Lower Upper
139 100
109 37.6 29.2 43.8
65 65.1 52.7 79.1





#27
2,4-Dimethylphenol
Concen: 60.380 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

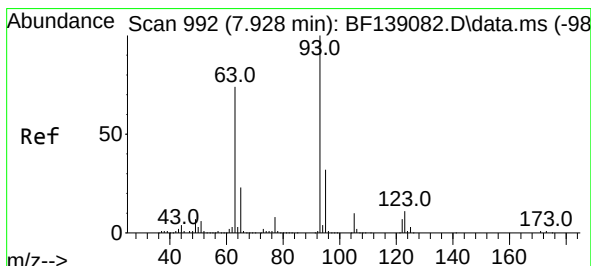
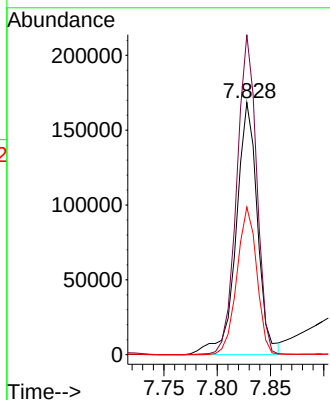
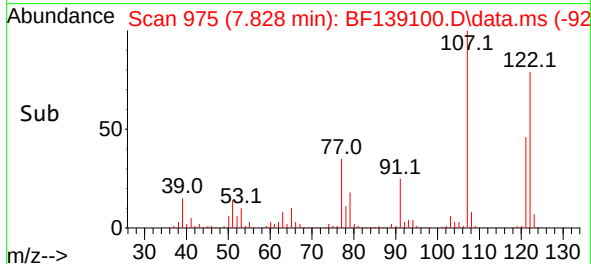
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:122 Resp: 234760
Ion Ratio Lower Upper
122 100
107 126.9 101.1 151.7
121 58.5 47.5 71.3

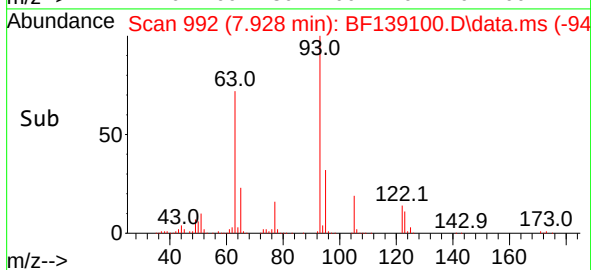
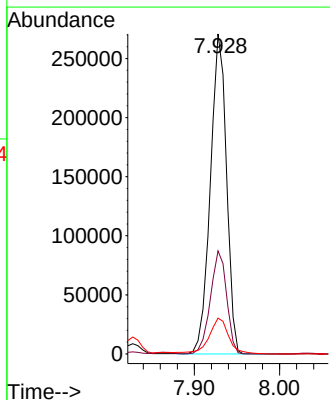
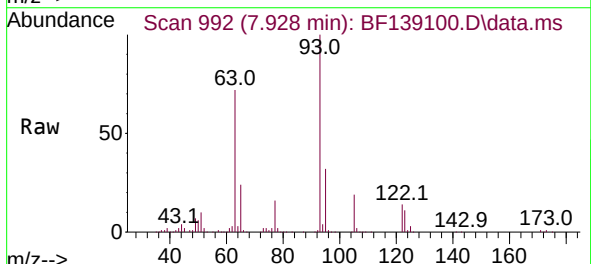
Manual Integrations
APPROVED

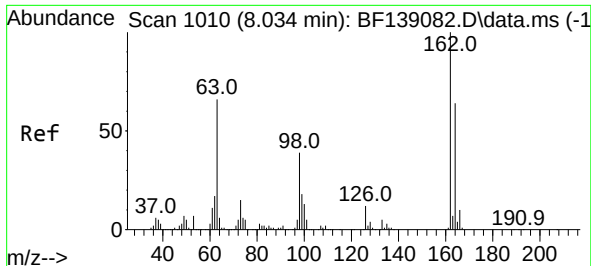
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.937 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

Tgt Ion: 93 Resp: 357768
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 51.007 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

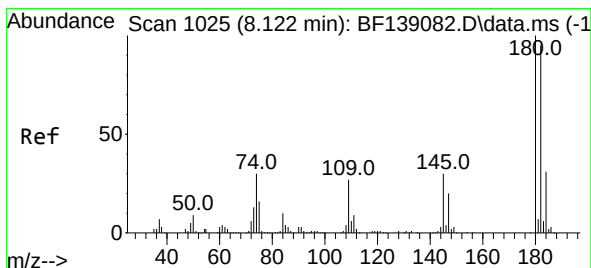
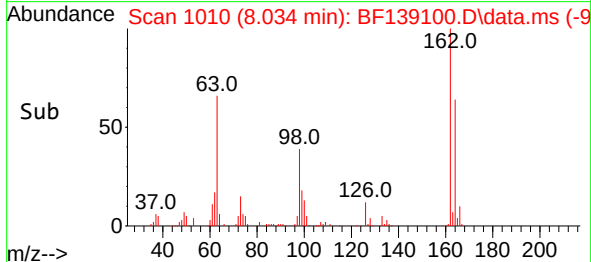
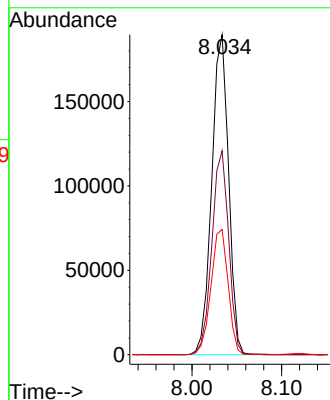
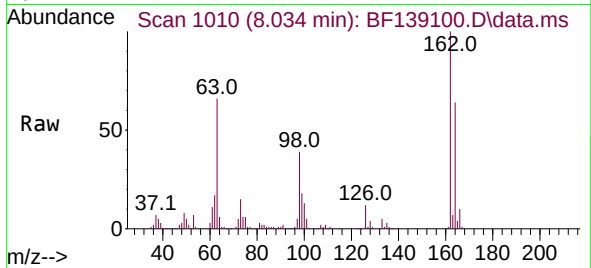
ClientSampleId :

S-906-J-0-0.5-081624MSD

Tgt Ion:162	Resp: 24707
Ion Ratio	Lower Upper
162 100	
164 63.7	43.9 83.9
98 39.2	19.7 59.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.368 ng

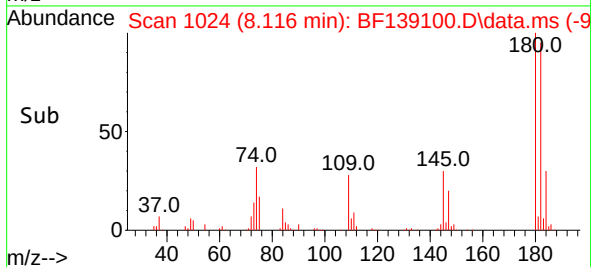
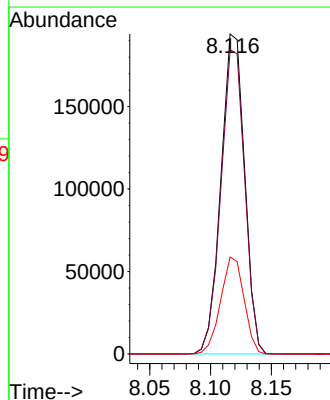
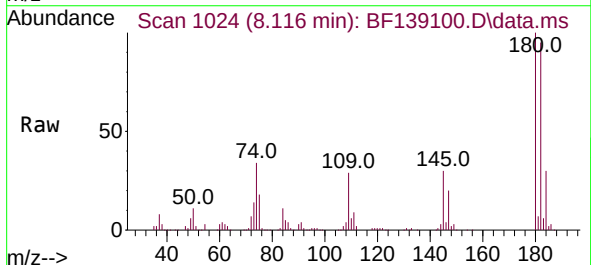
RT: 8.116 min Scan# 1024

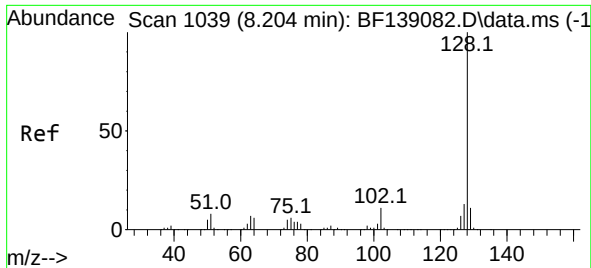
Delta R.T. -0.006 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

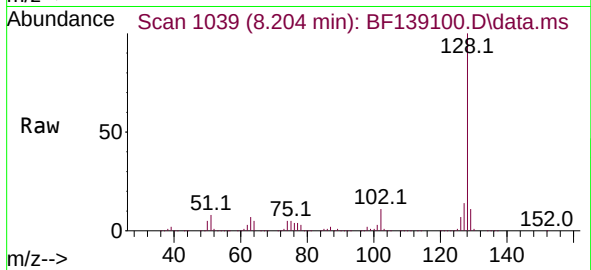
Tgt Ion:180	Resp: 262998
Ion Ratio	Lower Upper
180 100	
182 95.1	76.1 114.1
145 30.3	23.9 35.9





#31
Naphthalene
Concen: 48.429 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

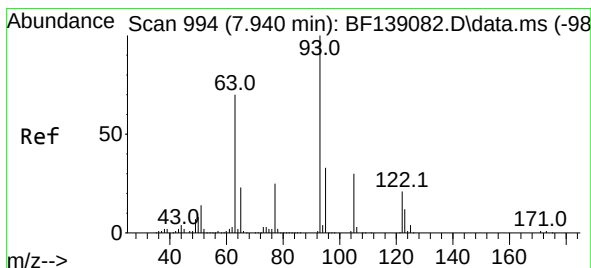
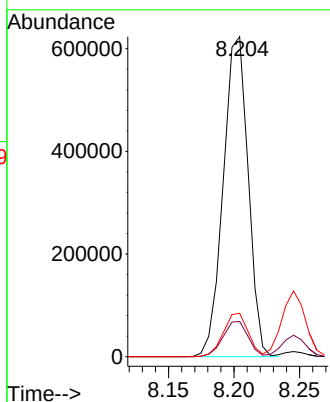
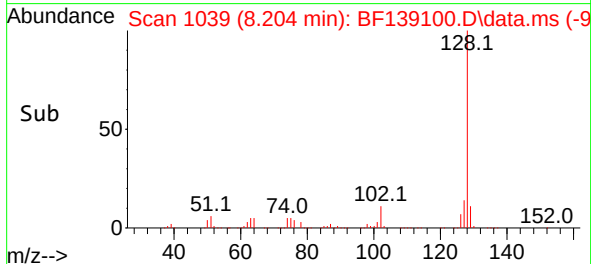
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:128 Resp: 824950
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.7 16.1

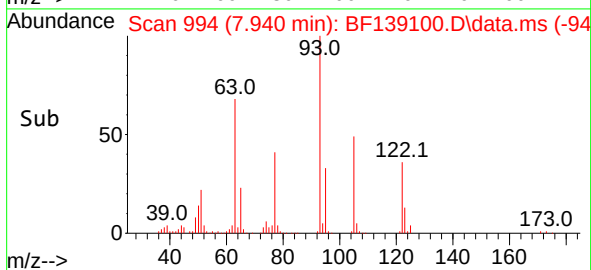
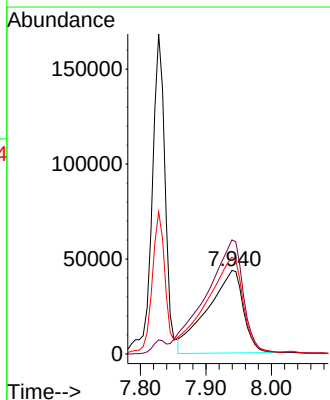
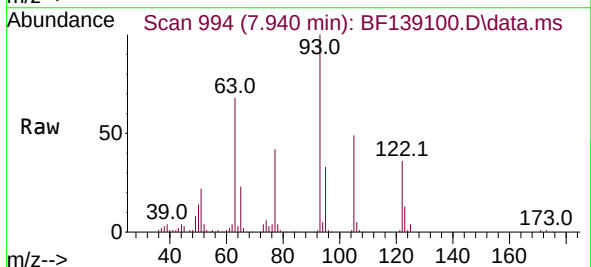
Manual Integrations
APPROVED

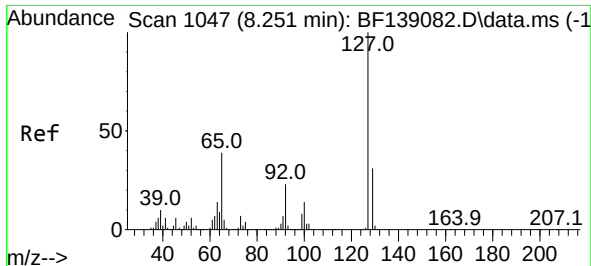
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#32
Benzoic acid
Concen: 50.740 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

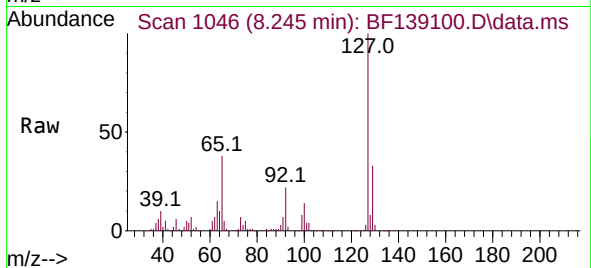
Tgt Ion:122 Resp: 166159
Ion Ratio Lower Upper
122 100
105 136.7 119.6 159.6
77 115.9 97.6 137.6





#33
4-Chloroaniline
Concen: 27.560 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

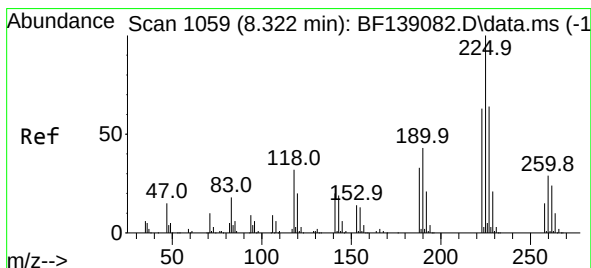
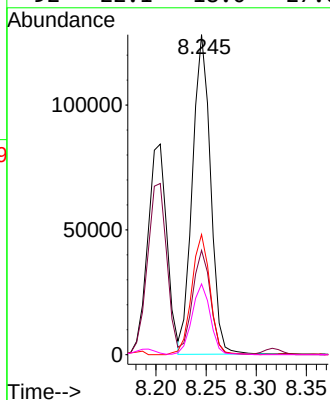
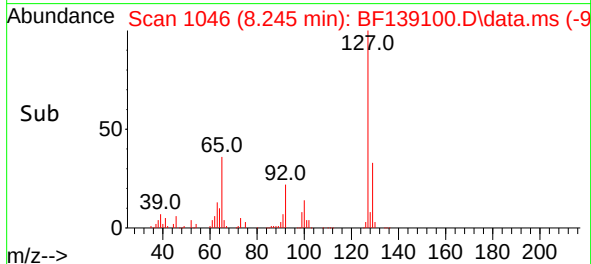
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:127 Resp: 160783
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 37.5 30.3 45.5
92 22.1 18.0 27.0

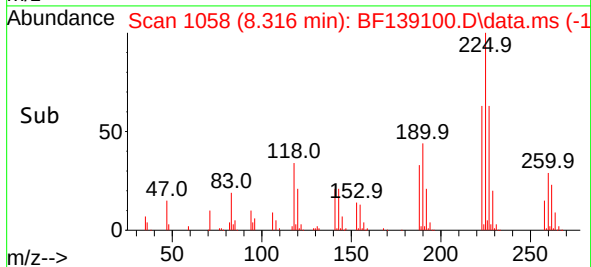
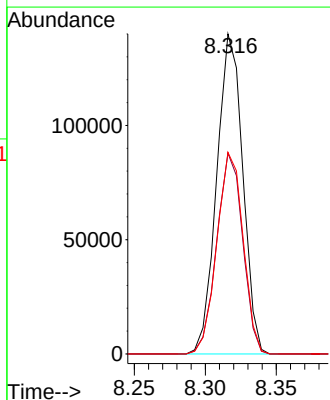
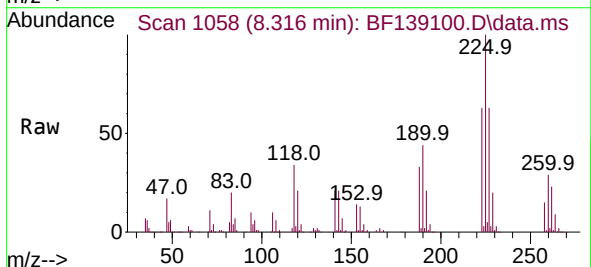
Manual Integrations
APPROVED

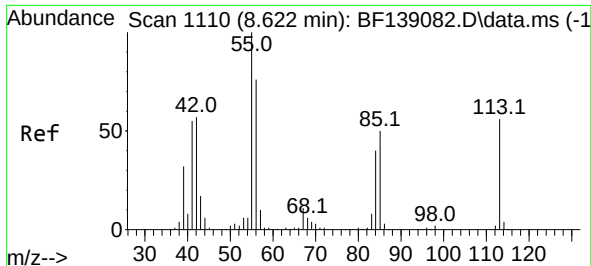
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 48.158 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

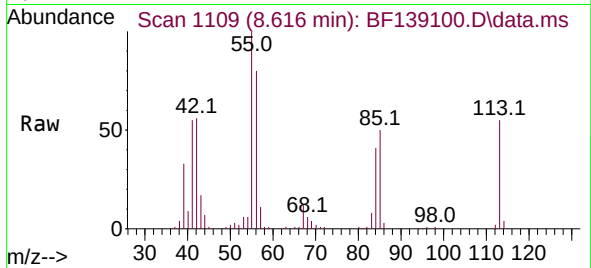
Tgt Ion:225 Resp: 178433
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.0 51.4 77.2





#35
Caprolactam
Concen: 50.328 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

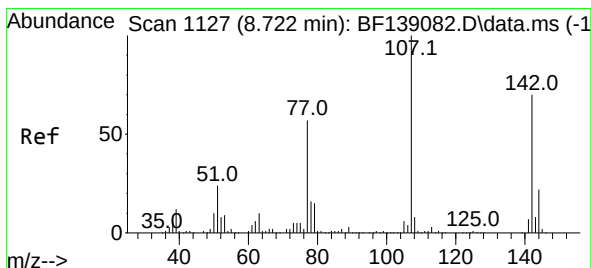
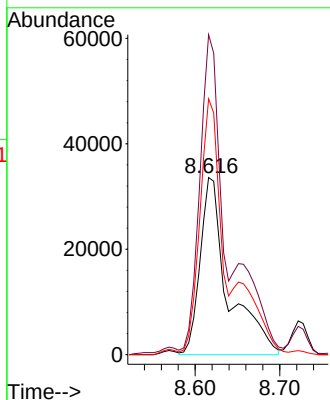
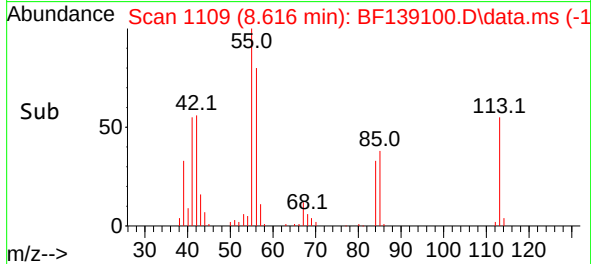
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:113 Resp: 7729
Ion Ratio Lower Upper
113 100
55 180.7 158.6 198.6
56 144.5 115.9 155.9

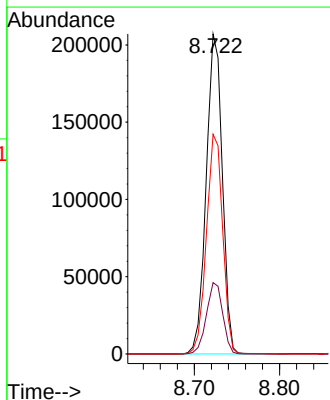
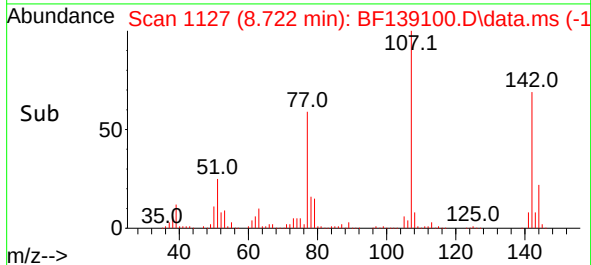
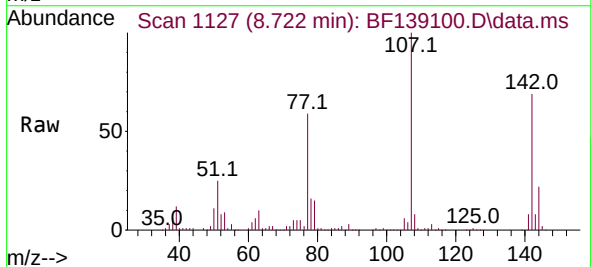
Manual Integrations
APPROVED

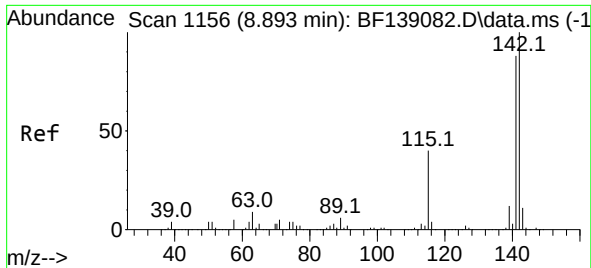
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 50.681 ng
RT: 8.722 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

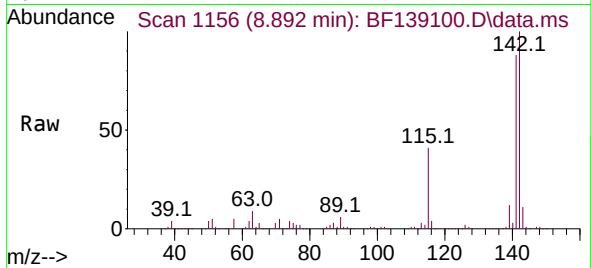
Tgt Ion:107 Resp: 271820
Ion Ratio Lower Upper
107 100
144 22.3 17.7 26.5
142 68.6 55.6 83.4





#37
2-Methylnaphthalene
Concen: 49.614 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

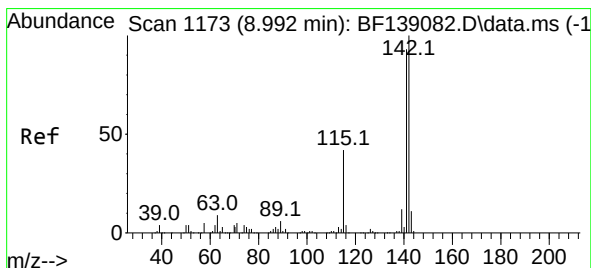
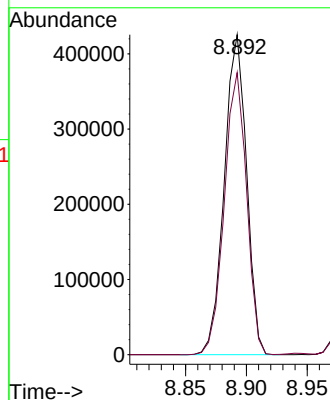
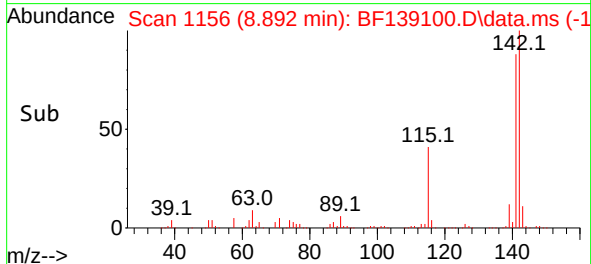
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:142 Resp: 542088
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8

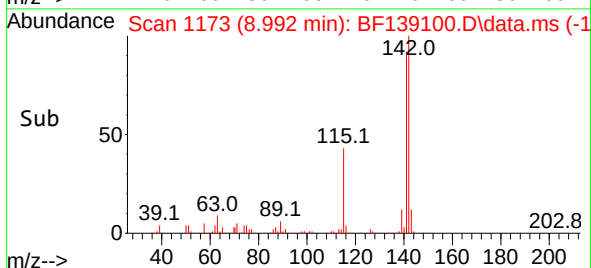
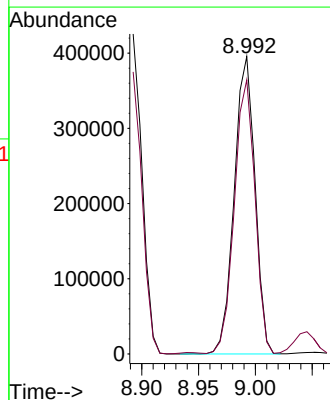
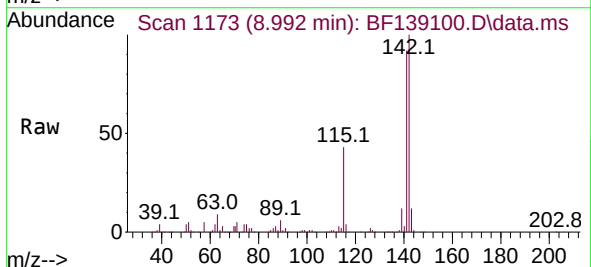
Manual Integrations
APPROVED

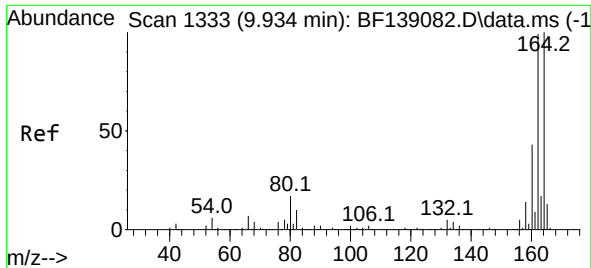
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#38
1-Methylnaphthalene
Concen: 47.609 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

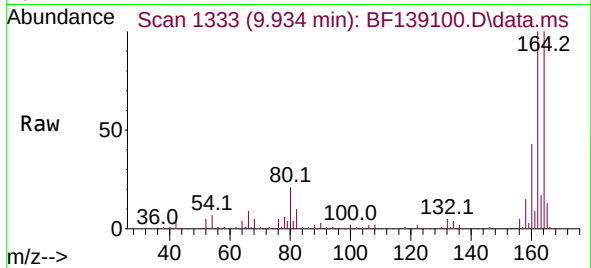
Tgt Ion:142 Resp: 502042
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

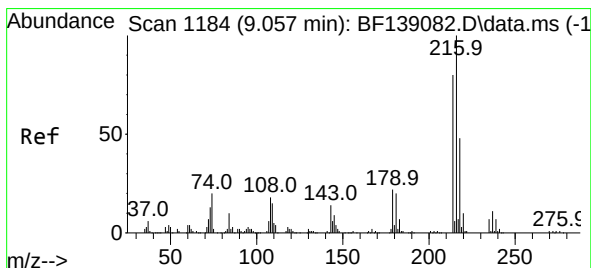
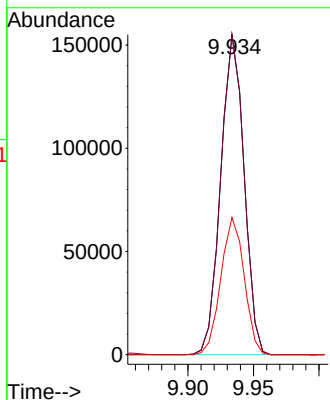
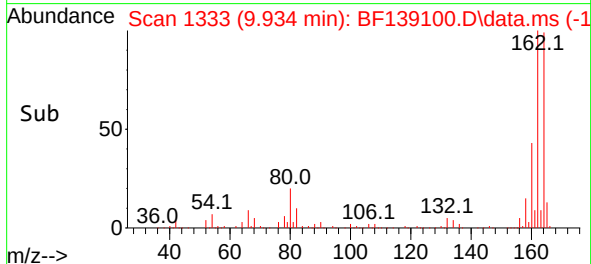
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



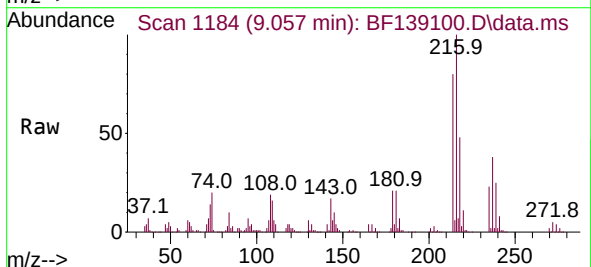
Tgt Ion:164 Resp: 191894
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 42.9 34.5 51.7

Manual Integrations
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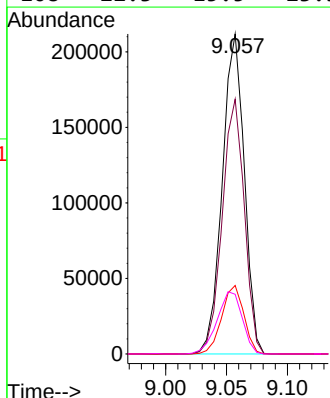
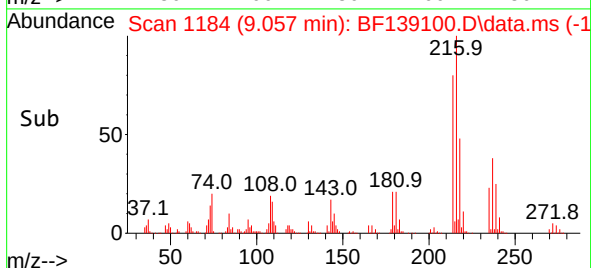
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

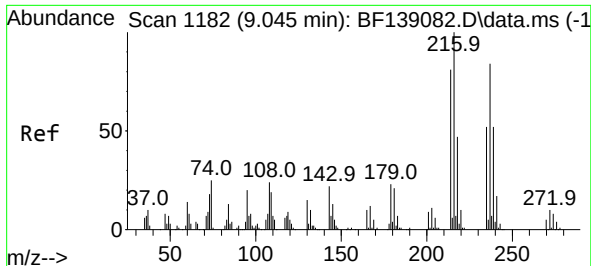


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.244 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



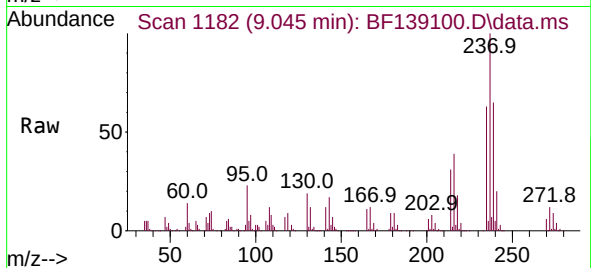
Tgt Ion:216 Resp: 266564
Ion Ratio Lower Upper
216 100
214 79.8 64.2 96.2
179 21.5 17.4 26.2
108 22.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 159.897 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

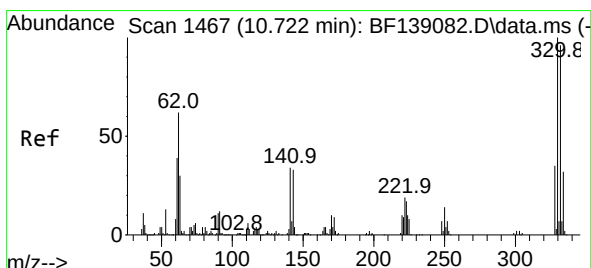
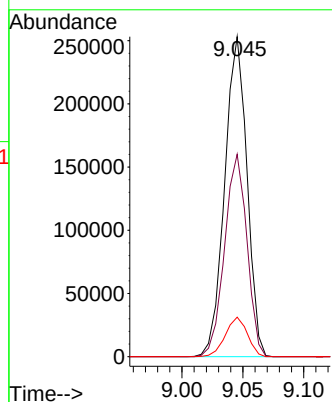
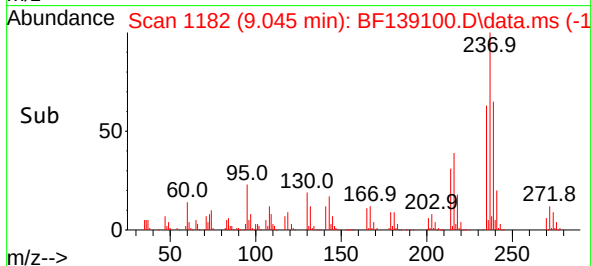
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



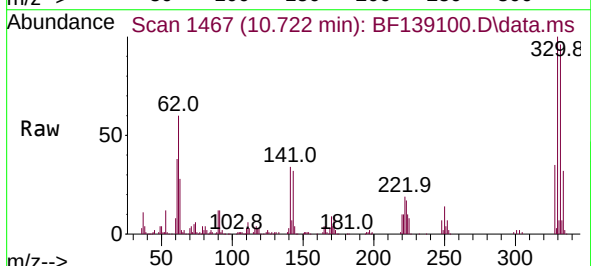
Tgt Ion: 237 Resp: 322854
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 12.3 0.0 32.0

Manual Integrations
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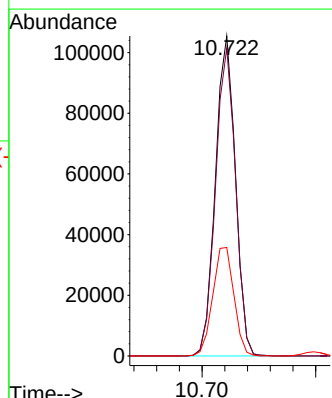
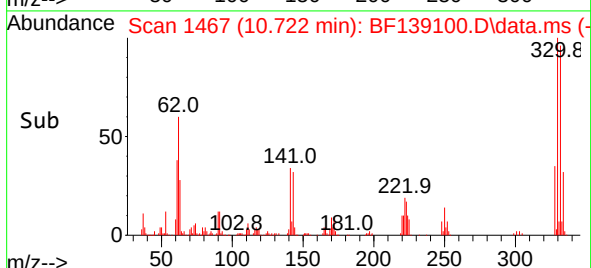
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

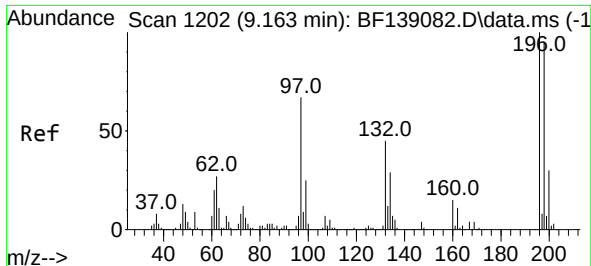


#42
2,4,6-Tribromophenol
Concen: 74.184 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



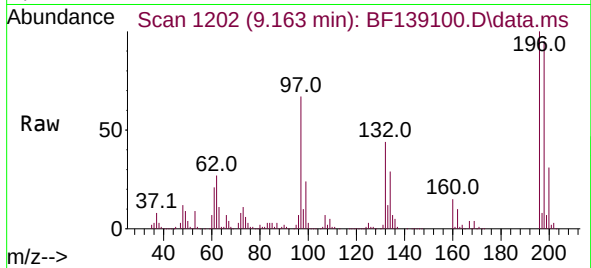
Tgt Ion: 330 Resp: 128871
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 36.0 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 53.600 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

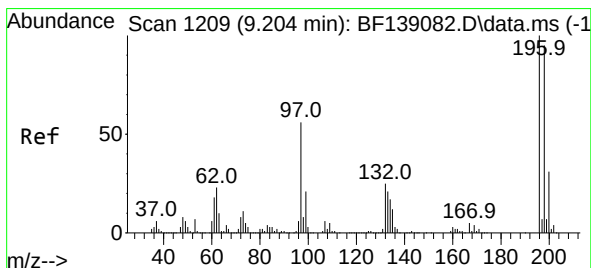
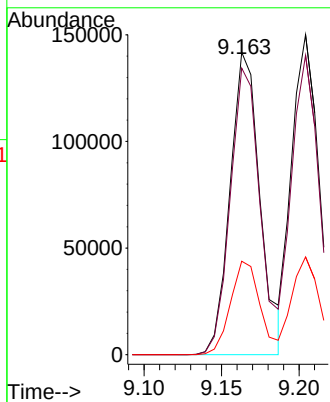
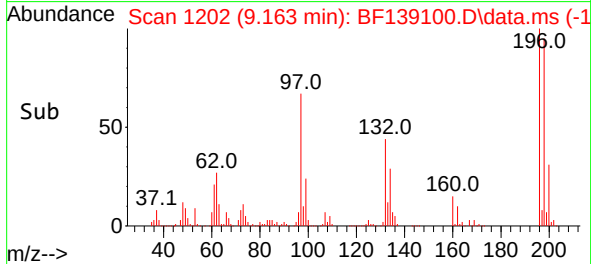
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:196 Resp: 190030
Ion Ratio Lower Upper
196 100
198 94.8 76.4 114.6
200 30.9 23.8 35.8

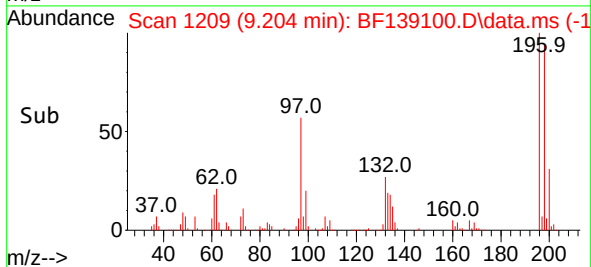
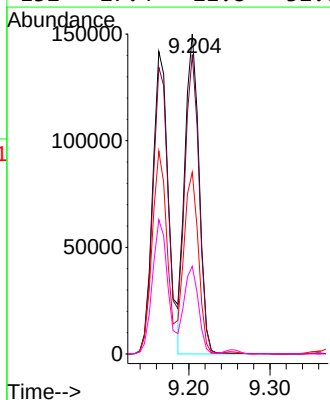
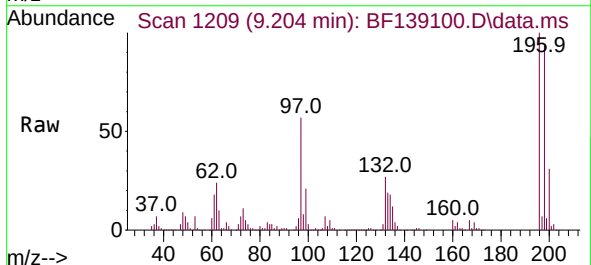
Manual Integrations
APPROVED

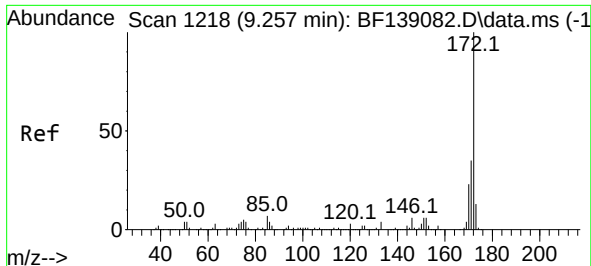
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#44
2,4,5-Trichlorophenol
Concen: 50.070 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

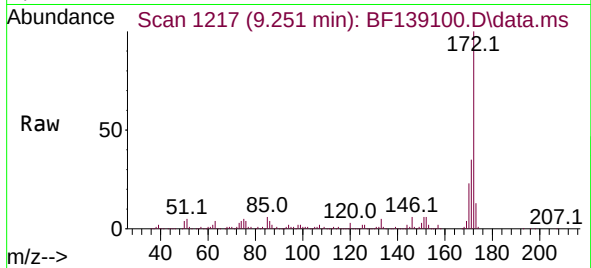
Tgt Ion:196 Resp: 182210
Ion Ratio Lower Upper
196 100
198 93.6 76.6 114.8
97 56.8 44.6 67.0
132 27.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 40.433 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

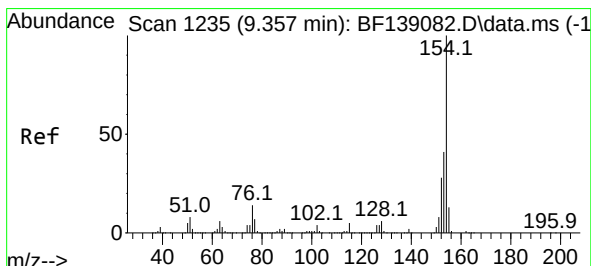
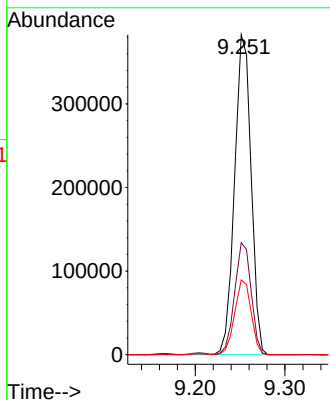
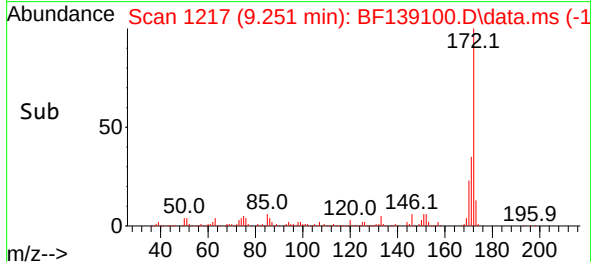
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:172 Resp: 48902
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 18.8 28.2

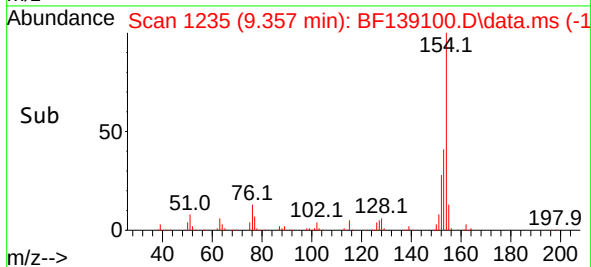
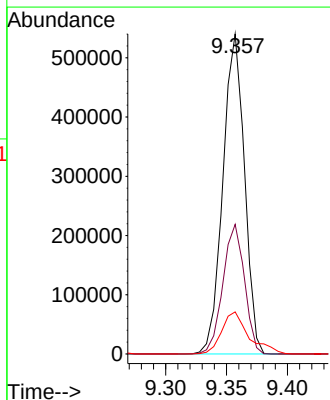
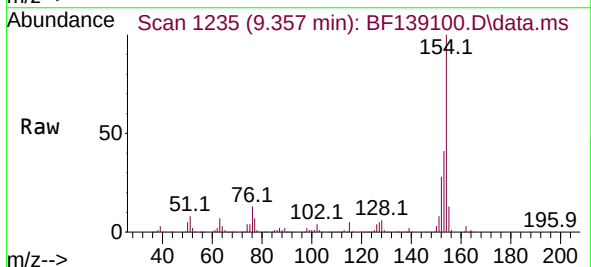
Manual Integrations
APPROVED

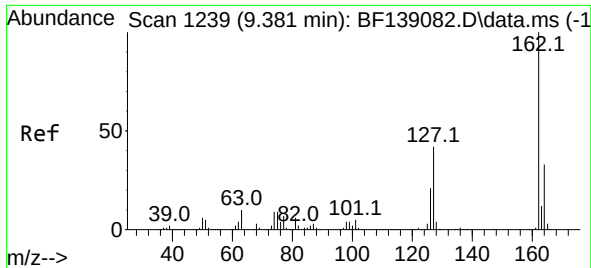
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#46
1,1'-Biphenyl
Concen: 50.714 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

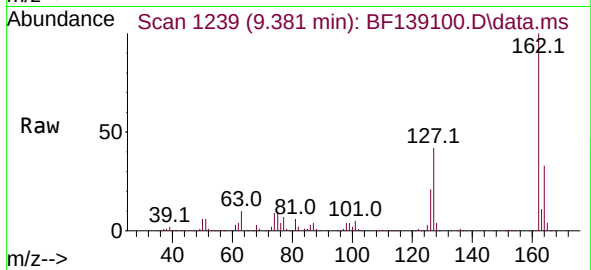
Tgt Ion:154 Resp: 666637
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.1 0.0 33.6





#47
2-Chloronaphthalene
Concen: 48.176 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

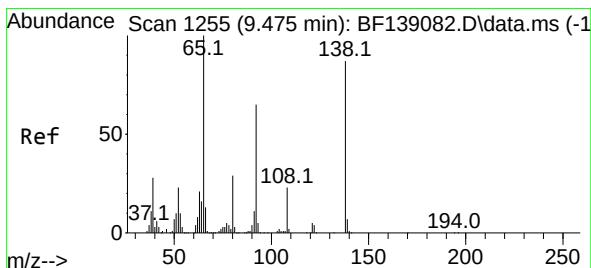
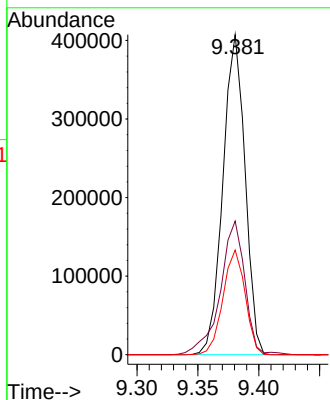
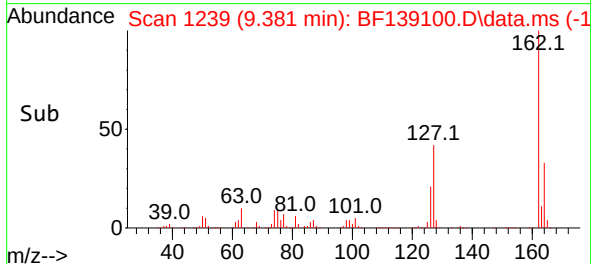
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:162 Resp: 514560
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.7 26.3 39.5

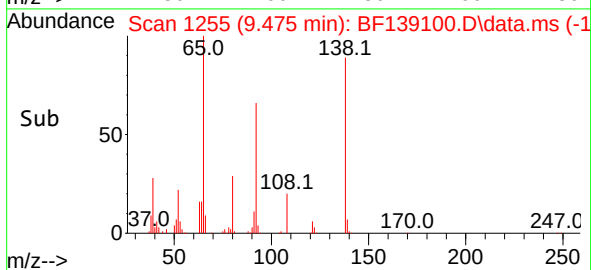
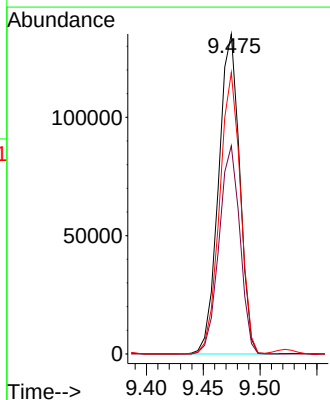
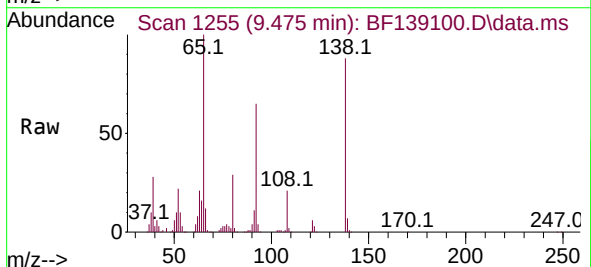
Manual Integrations
APPROVED

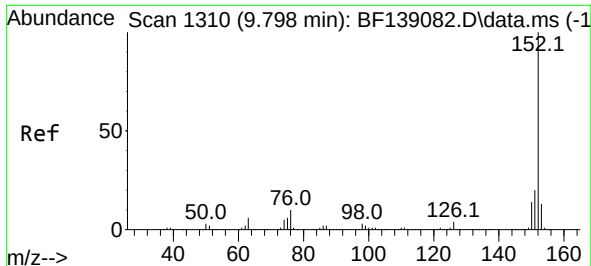
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#48
2-Nitroaniline
Concen: 55.956 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

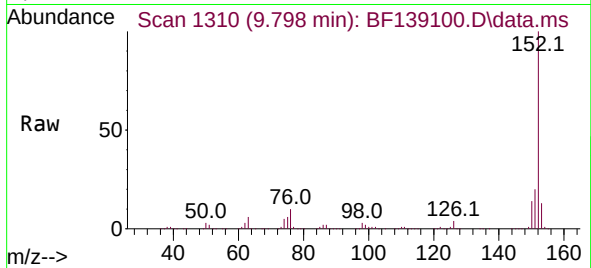
Tgt Ion: 65 Resp: 174548
Ion Ratio Lower Upper
65 100
92 65.1 52.4 78.6
138 88.0 69.4 104.0





#49
Acenaphthylene
Concen: 53.228 ng
RT: 9.798 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

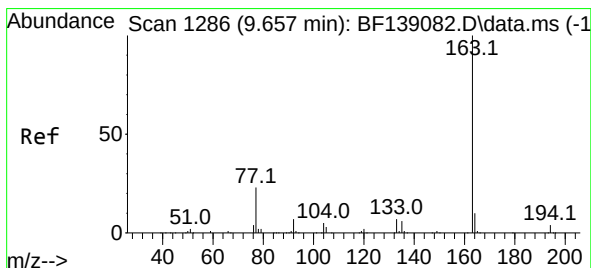
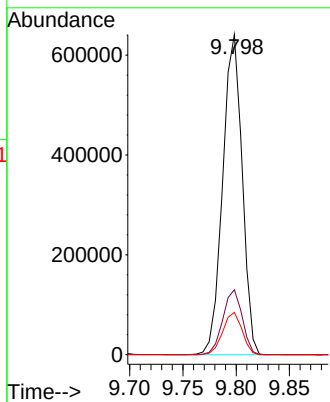
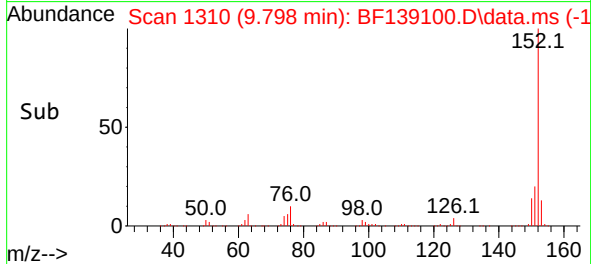
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:152 Resp: 81440
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.6 15.8

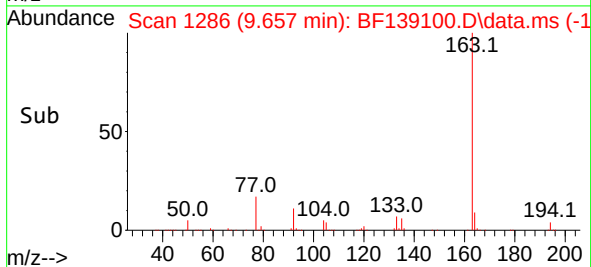
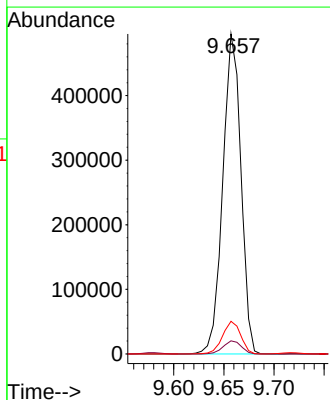
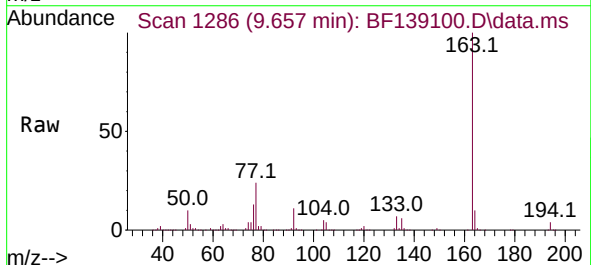
Manual Integrations
APPROVED

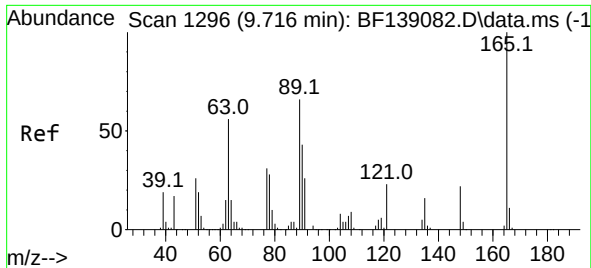
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#50
Dimethylphthalate
Concen: 52.582 ng
RT: 9.657 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

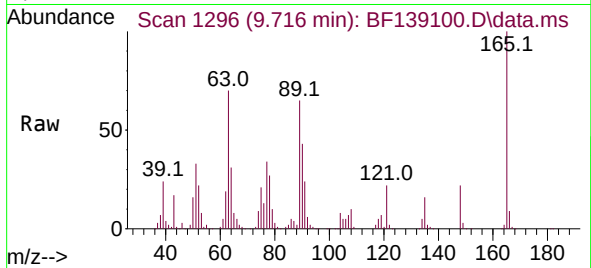
Tgt Ion:163 Resp: 622927
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.607 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

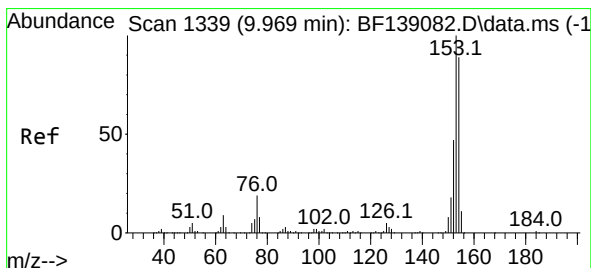
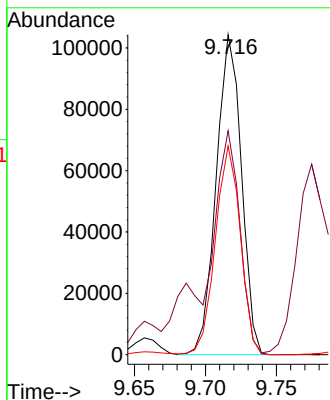
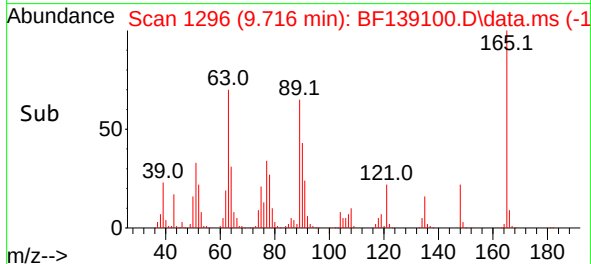
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:165 Resp: 128760
Ion Ratio Lower Upper
165 100
63 69.9 58.0 87.0
89 65.2 53.3 79.9

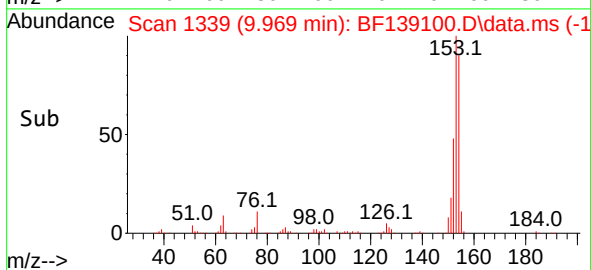
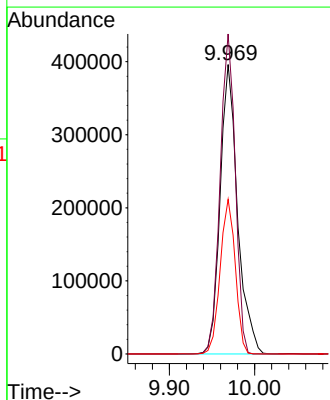
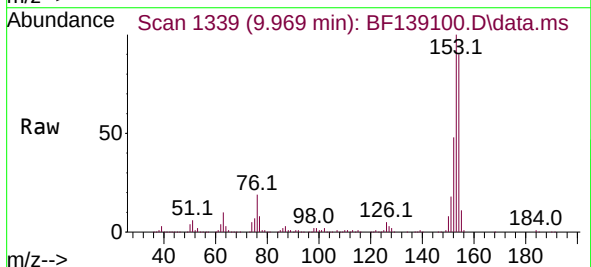
Manual Integrations
APPROVED

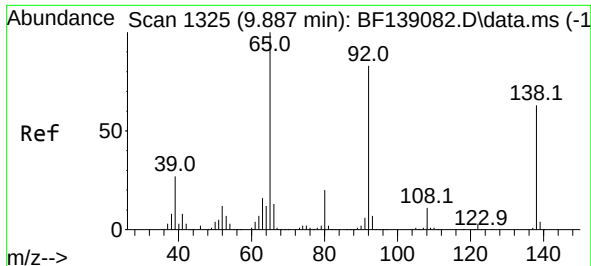
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#52
Acenaphthene
Concen: 55.705 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

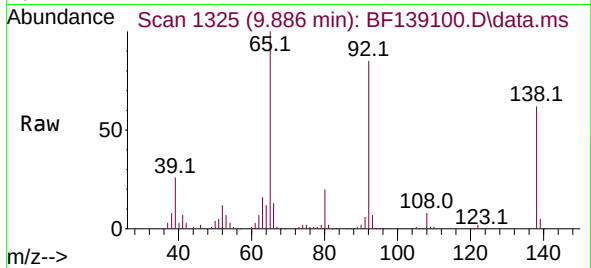
Tgt Ion:154 Resp: 563003
Ion Ratio Lower Upper
154 100
153 110.6 89.7 134.5
152 53.4 42.3 63.5





#53
3-Nitroaniline
Concen: 39.749 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

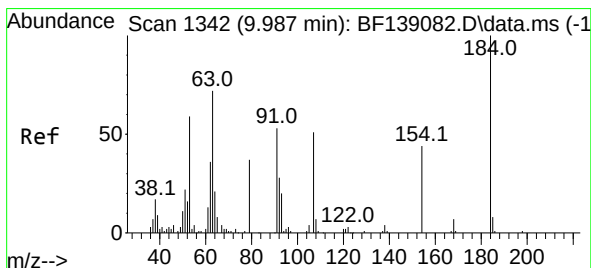
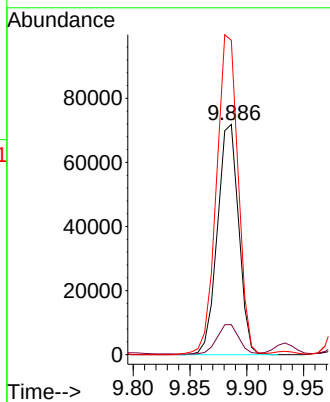
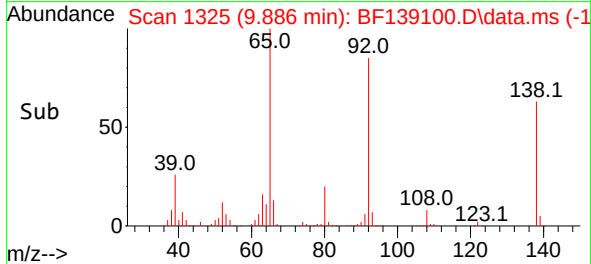
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:138 Resp: 93682
Ion Ratio Lower Upper
138 100
108 13.1 14.6 21.8
92 136.6 105.9 158.9

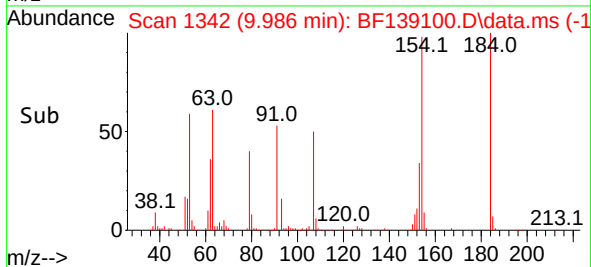
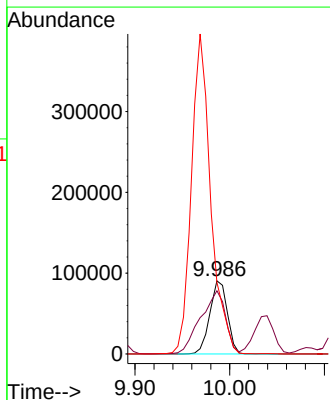
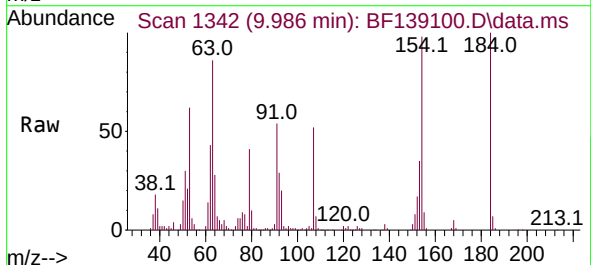
Manual Integrations
APPROVED

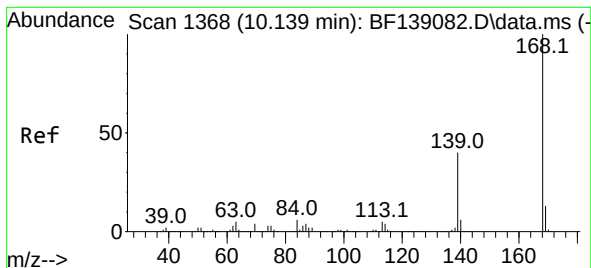
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#54
2,4-Dinitrophenol
Concen: 98.137 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

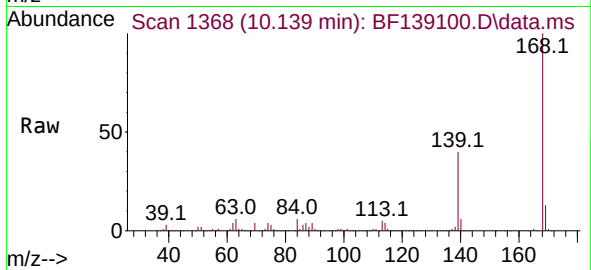
Tgt Ion:184 Resp: 115788
Ion Ratio Lower Upper
184 100
63 86.4 70.5 105.7
154 97.8 135.0 202.6





#55
Dibenzenofuran
Concen: 50.759 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

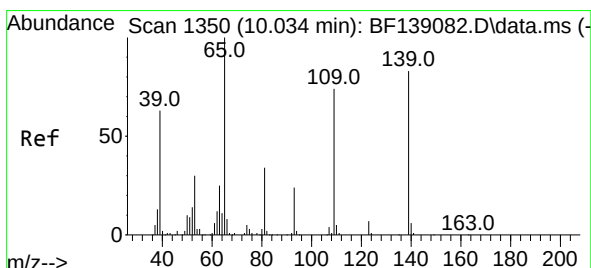
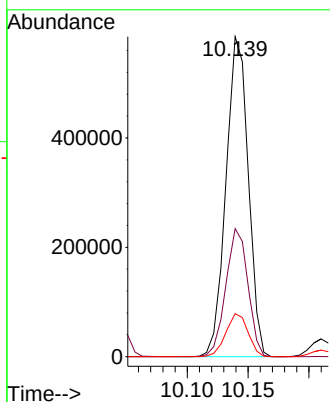
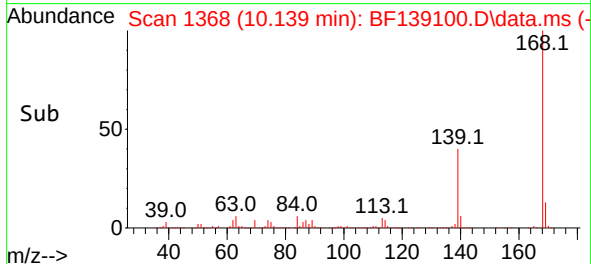
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:168 Resp: 745148
Ion Ratio Lower Upper
168 100
139 40.0 31.6 47.4
169 13.5 10.7 16.1

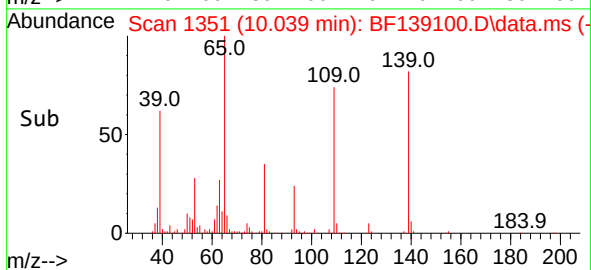
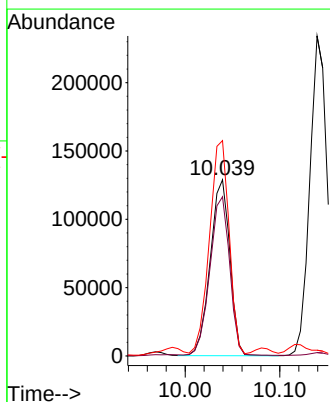
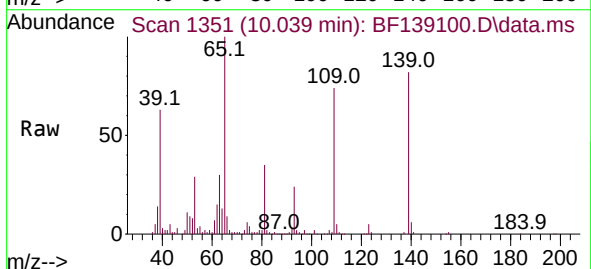
Manual Integrations
APPROVED

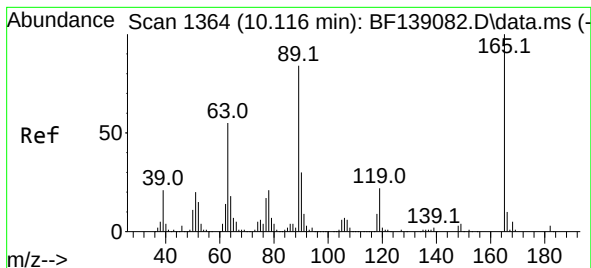
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#56
4-Nitrophenol
Concen: 103.383 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

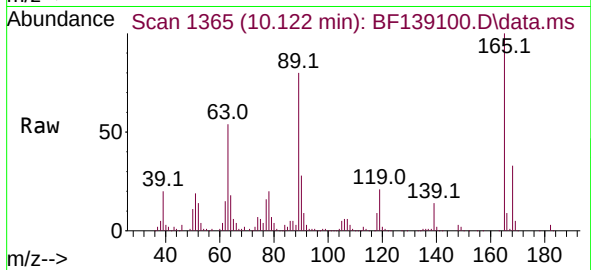
Tgt Ion:139 Resp: 185130
Ion Ratio Lower Upper
139 100
109 90.3 68.8 108.8
65 122.3 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 55.446 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

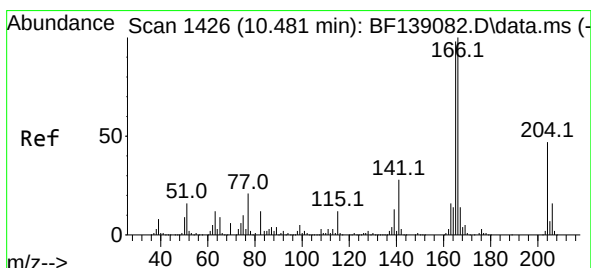
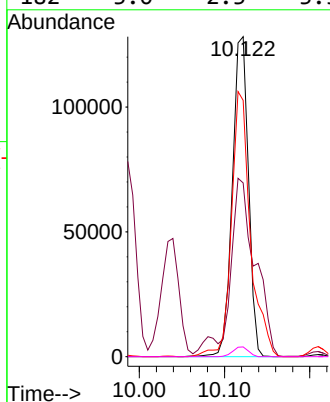
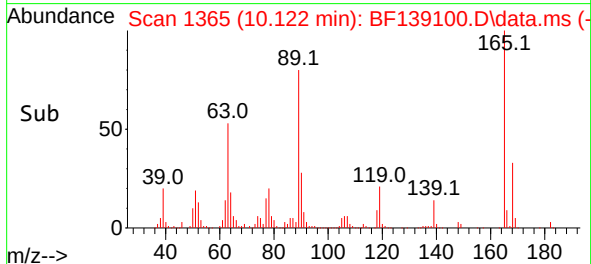
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:165 Resp: 168072
Ion Ratio Lower Upper
165 100
63 54.3 44.2 66.4
89 80.1 67.4 101.2
182 3.0 2.3 3.5

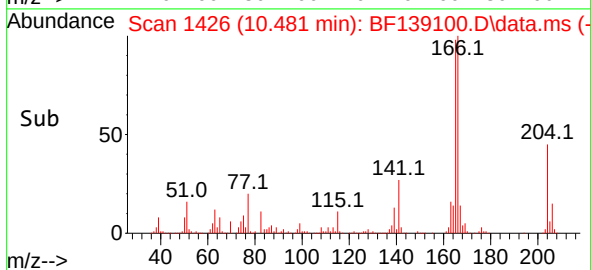
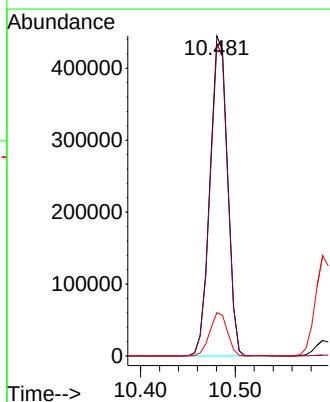
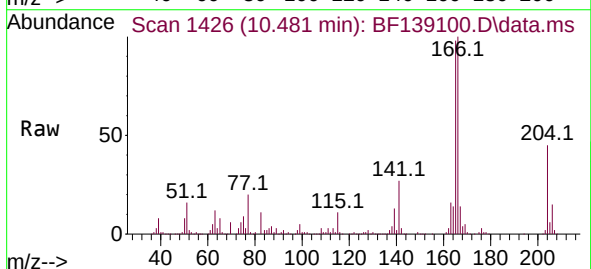
Manual Integrations
APPROVED

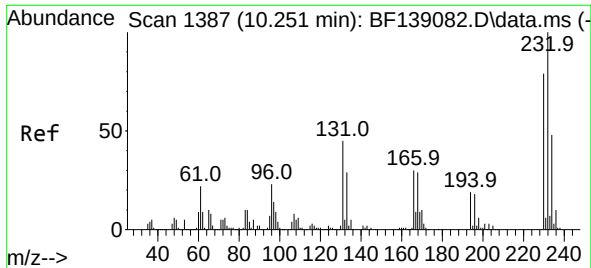
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#58
Fluorene
Concen: 48.709 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

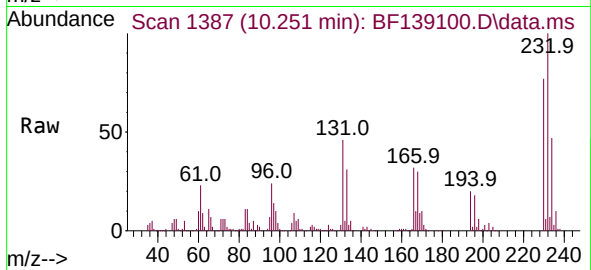
Tgt Ion:166 Resp: 571447
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.952 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

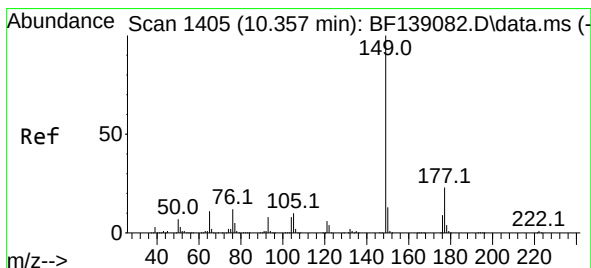
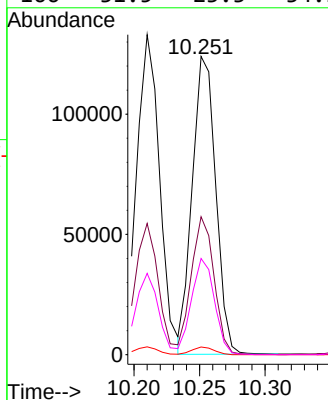
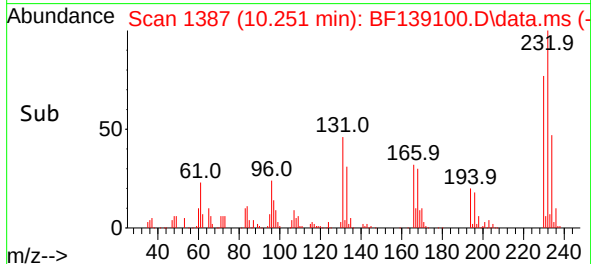
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:232 Resp: 15472
Ion Ratio Lower Upper
232 100
131 44.9 36.0 54.0
130 2.4 2.0 3.0
166 31.5 23.3 34.9

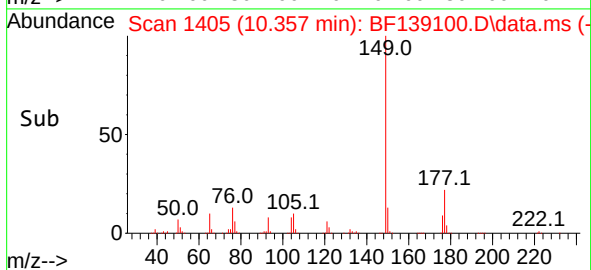
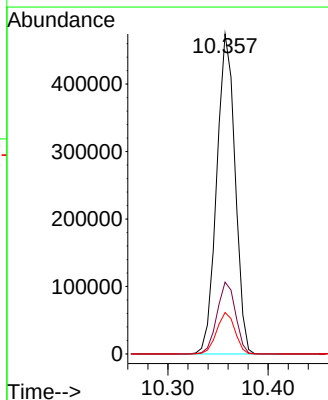
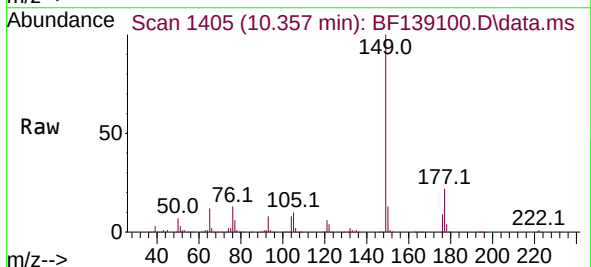
Manual Integrations
APPROVED

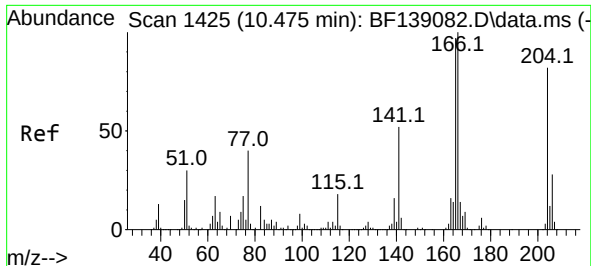
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 51.385 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

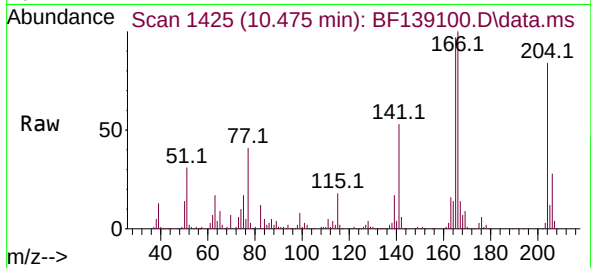
Tgt Ion:149 Resp: 603163
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.100 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

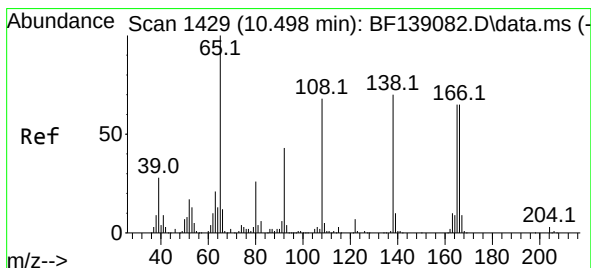
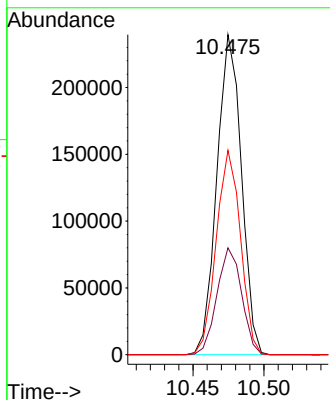
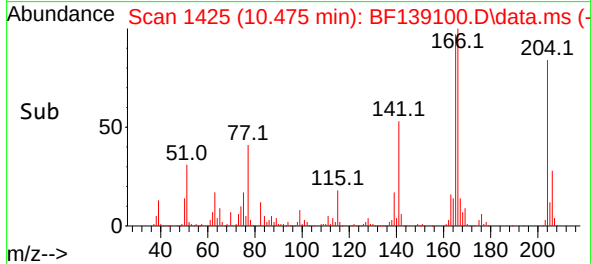
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:204 Resp: 28769
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 63.9 50.9 76.3

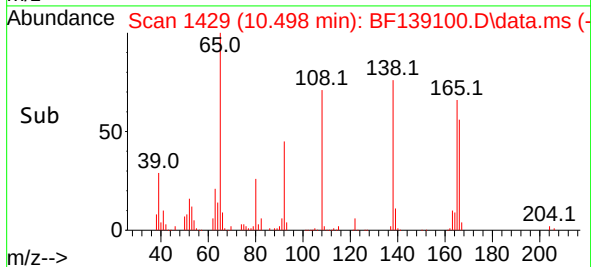
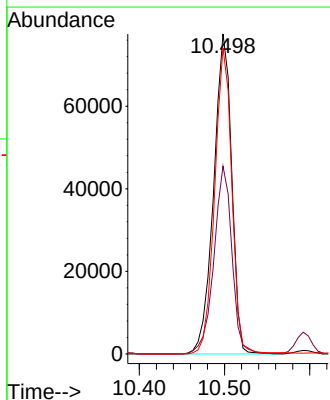
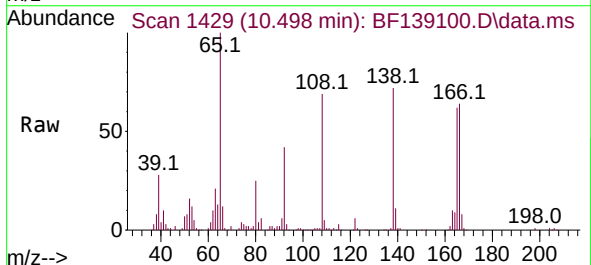
Manual Integrations
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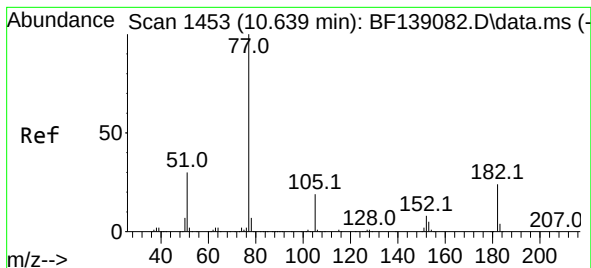
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 46.879 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

Tgt Ion:138 Resp: 113762
Ion Ratio Lower Upper
138 100
92 58.7 41.4 81.4
108 95.7 76.8 116.8





#63

Azobenzene

Concen: 50.154 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF139100.D

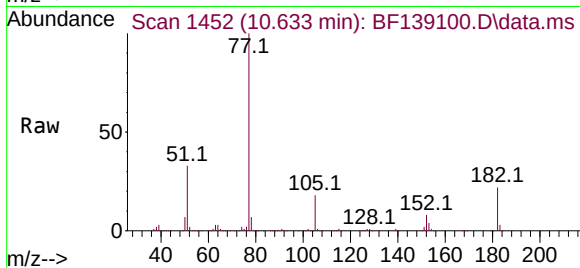
Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MSD



Tgt Ion: 77 Resp: 654234

Ion Ratio Lower Upper

77 100

182 21.9 4.0 44.0

105 18.2 0.0 39.1

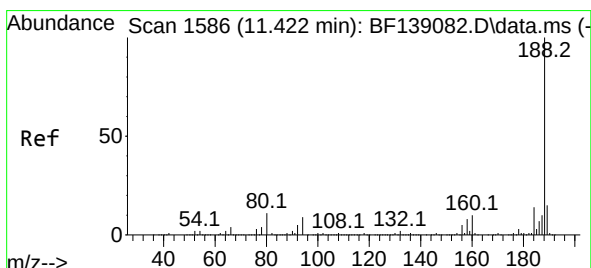
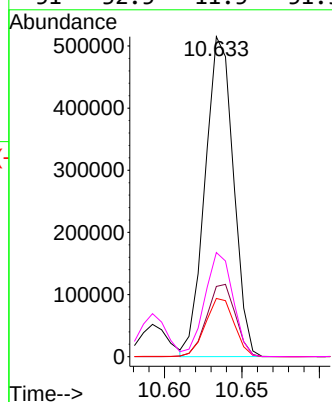
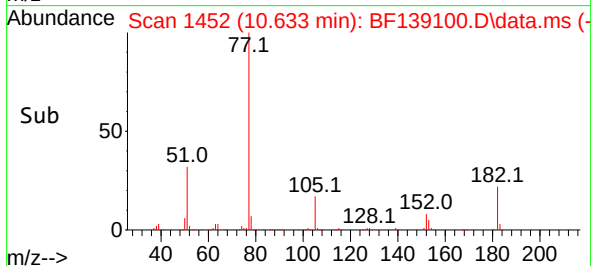
51 32.5 11.5 51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

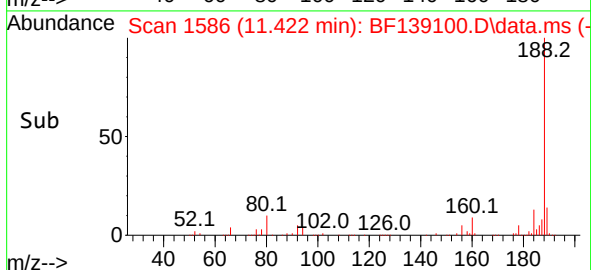
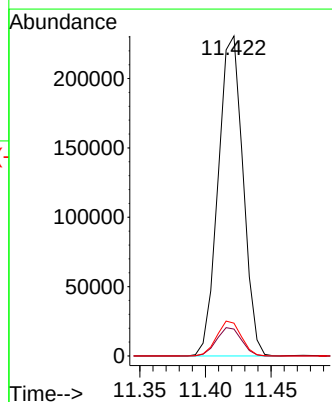
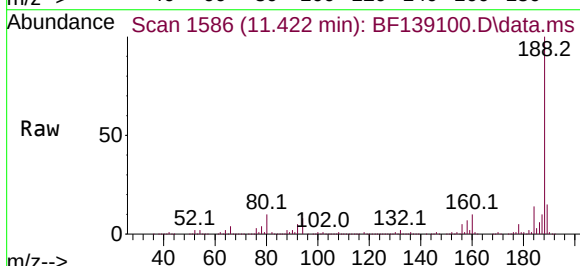
Tgt Ion:188 Resp: 303323

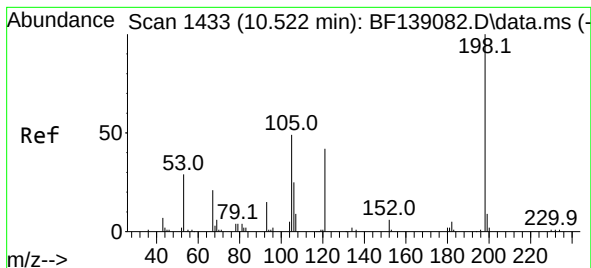
Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 10.3 8.5 12.7





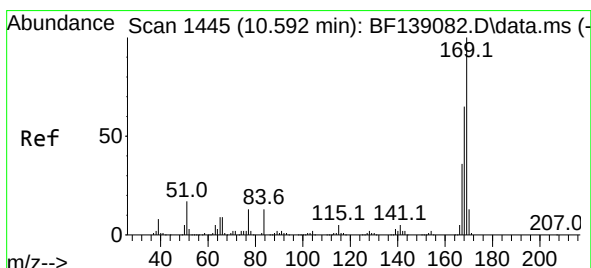
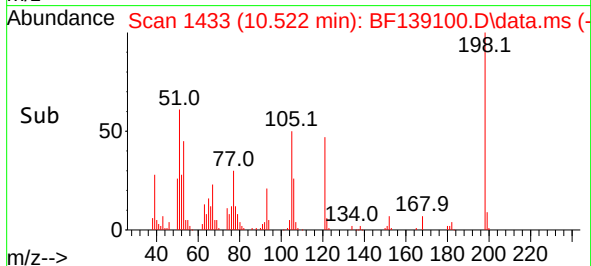
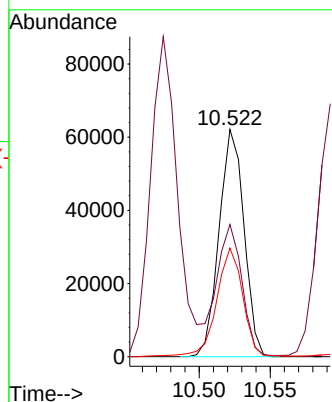
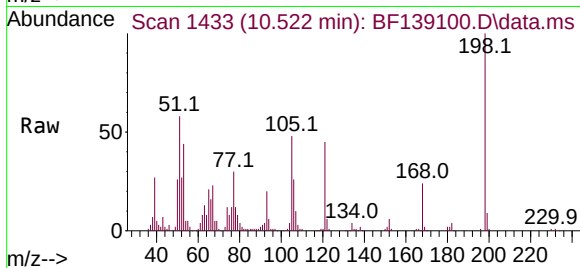
#65
4,6-Dinitro-2-methylphenol
Concen: 62.685 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD

Tgt Ion:198 Resp: 75664
Ion Ratio Lower Upper
198 100
51 58.2 40.8 80.8
105 47.8 30.9 70.9

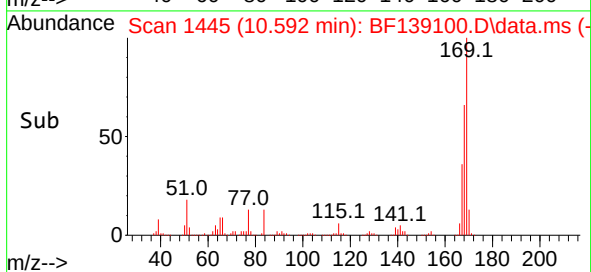
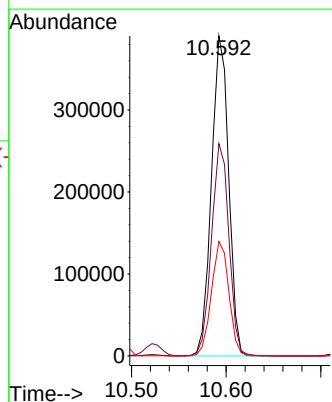
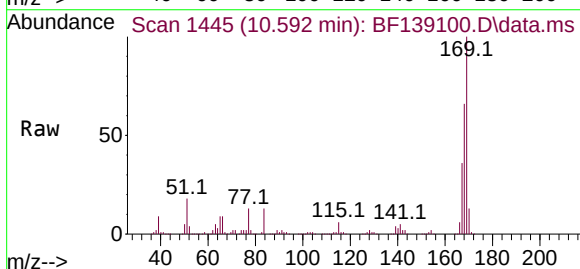
Manual Integrations
APPROVED

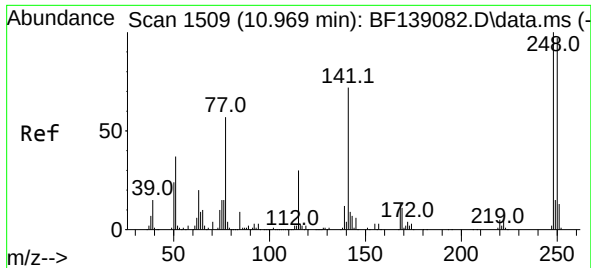
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 54.880 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

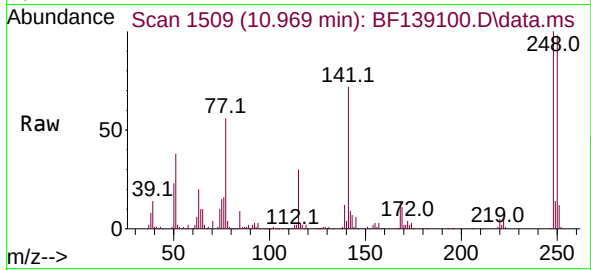
Tgt Ion:169 Resp: 492550
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 54.657 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

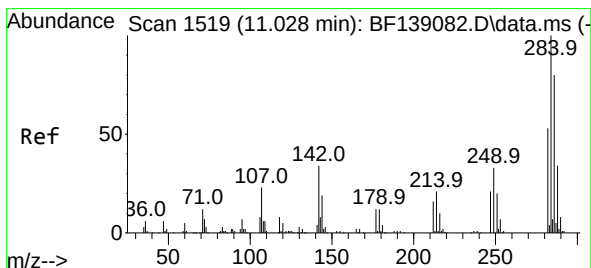
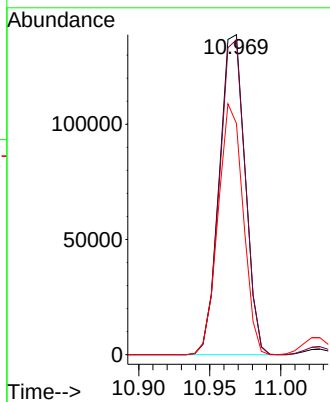
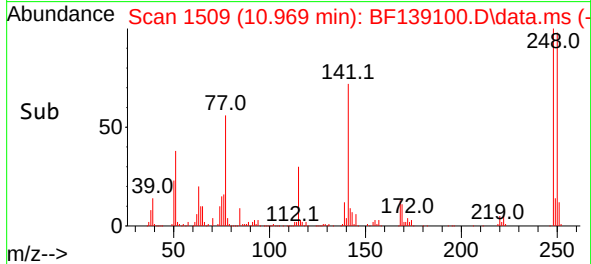
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



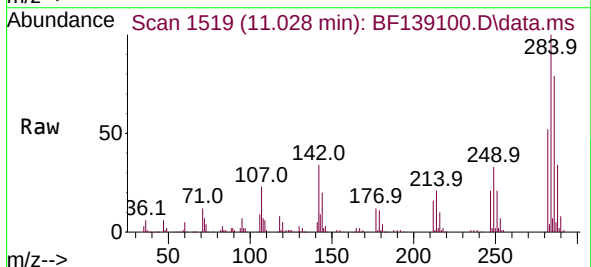
Tgt Ion:248 Resp: 175679
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 72.3 57.9 86.9

Manual Integrations
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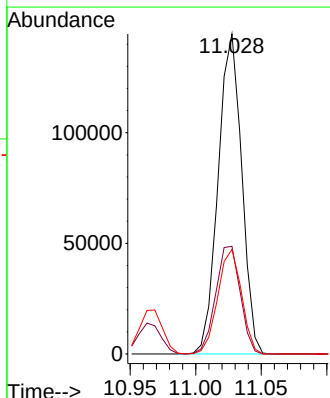
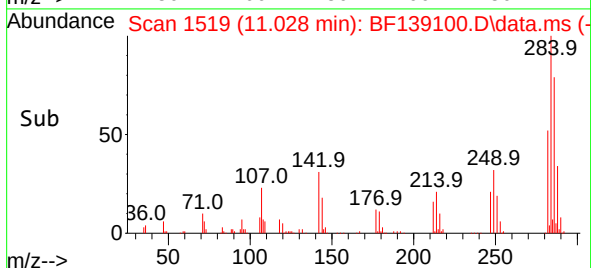
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

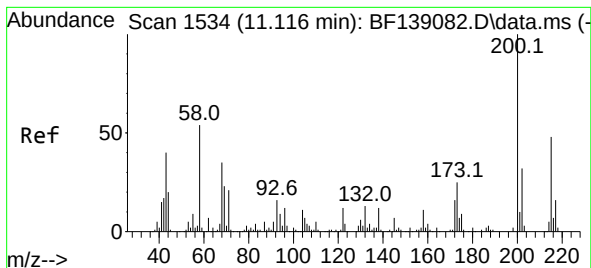


#68
Hexachlorobenzene
Concen: 52.386 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



Tgt Ion:284 Resp: 180639
Ion Ratio Lower Upper
284 100
142 33.6 27.1 40.7
249 32.6 26.8 40.2





#69

Atrazine

Concen: 57.720 ng

RT: 11.122 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MSD

Tgt Ion:200 Resp: 158214

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

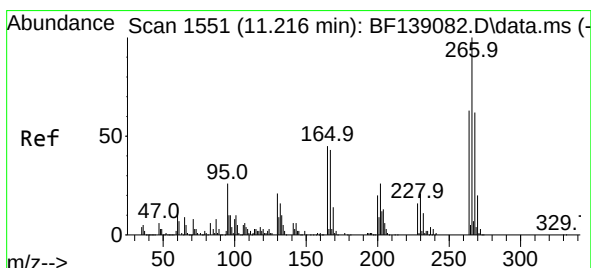
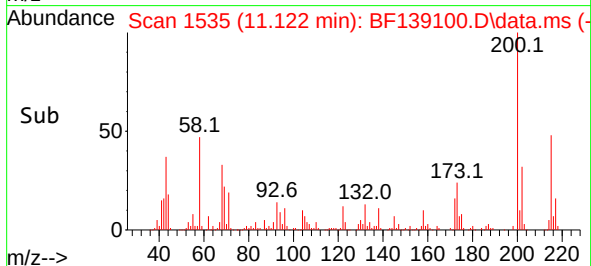
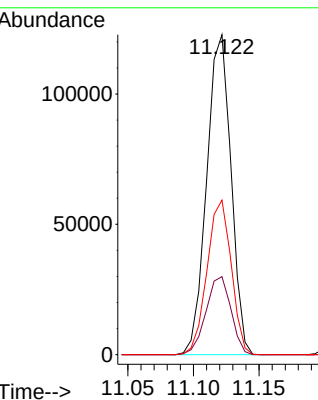
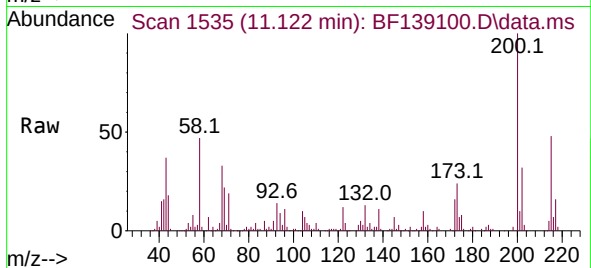
215 48.3 27.9 67.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 95.124 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

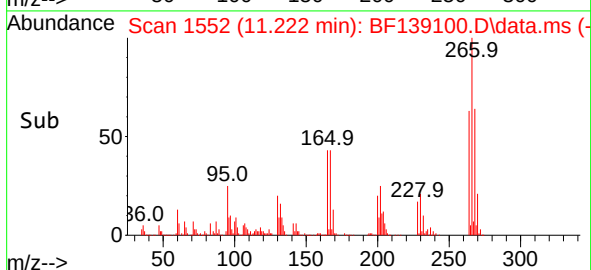
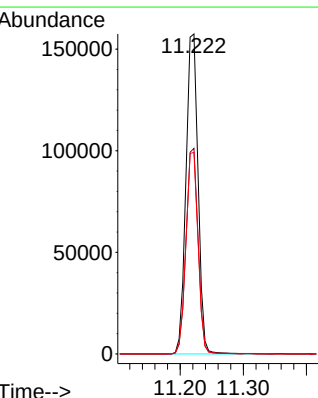
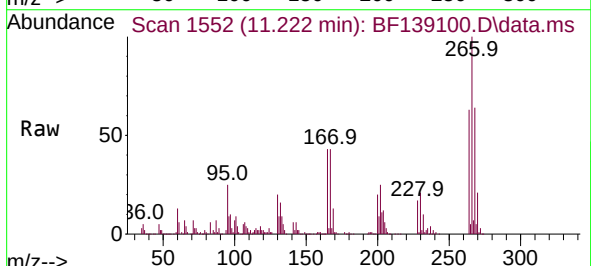
Tgt Ion:266 Resp: 209523

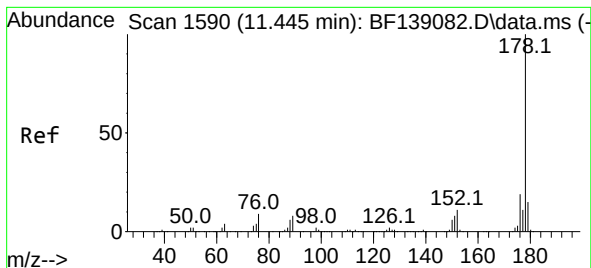
Ion Ratio Lower Upper

266 100

268 64.2 49.5 74.3

264 63.0 50.0 75.0





#71

Phenanthrene

Concen: 52.156 ng

RT: 11.445 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF139100.D

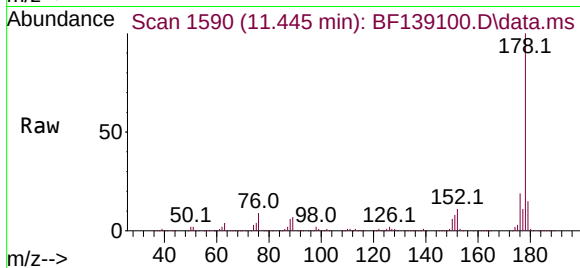
Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MSD



Tgt Ion:178 Resp: 804100

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

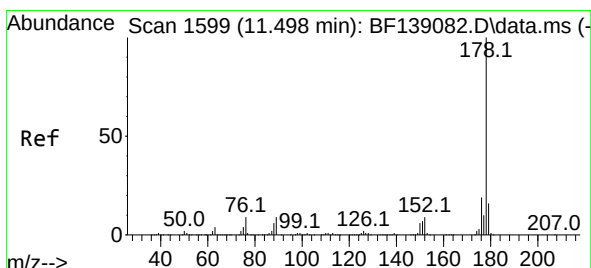
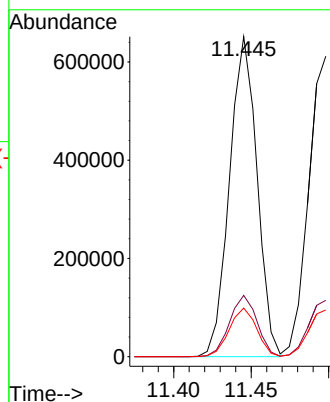
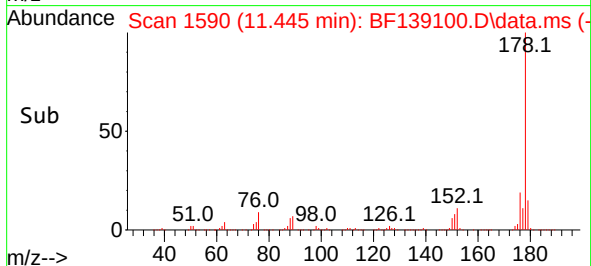
179 15.2 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#72

Anthracene

Concen: 51.477 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

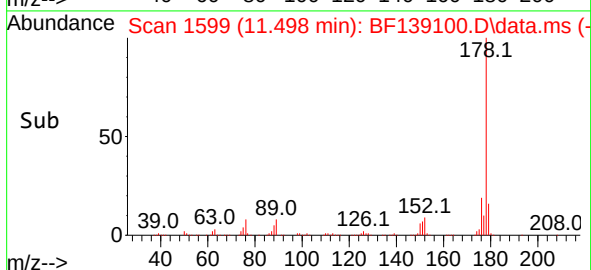
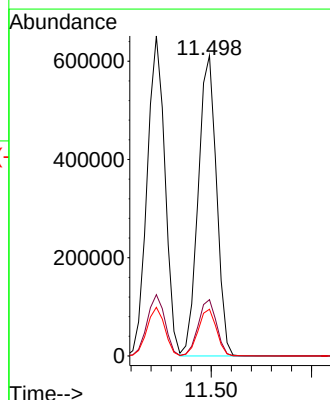
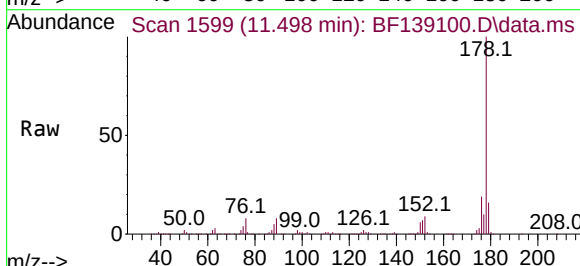
Tgt Ion:178 Resp: 776156

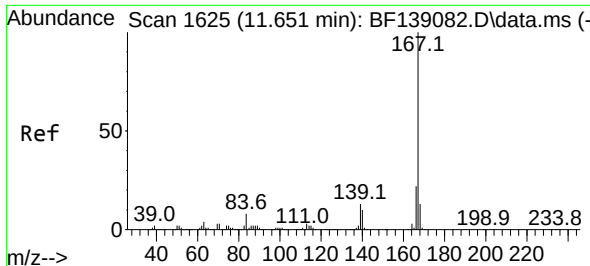
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

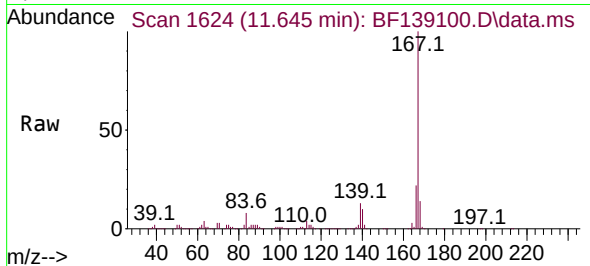
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 42.585 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

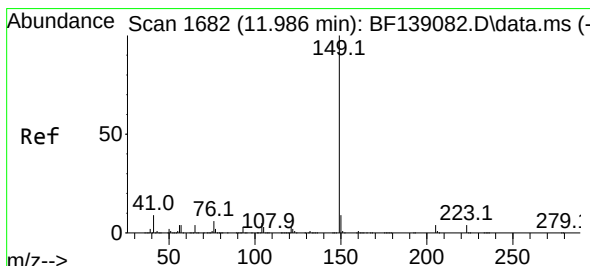
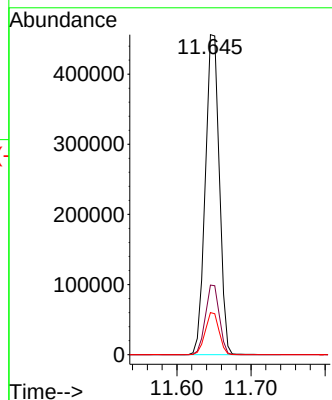
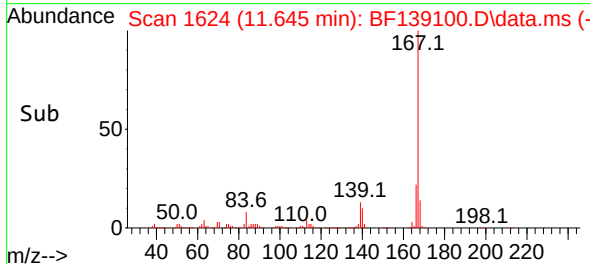
Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MSD



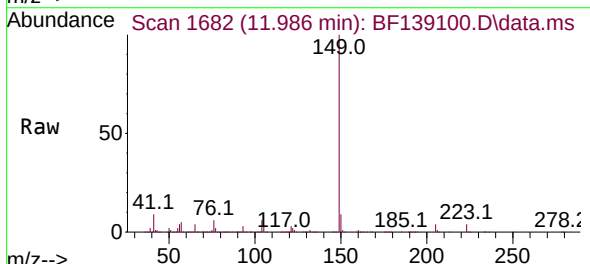
Tgt Ion:167 Resp: 59957
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.2 10.5 15.7

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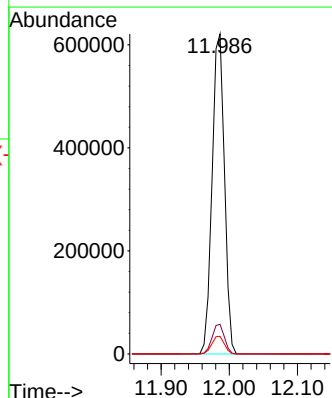
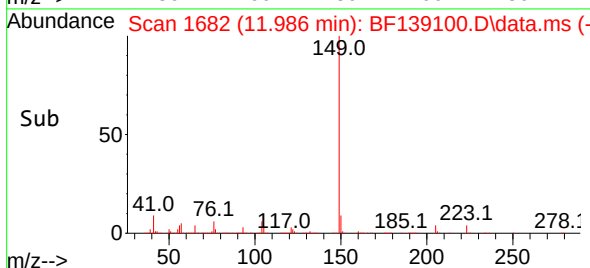
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

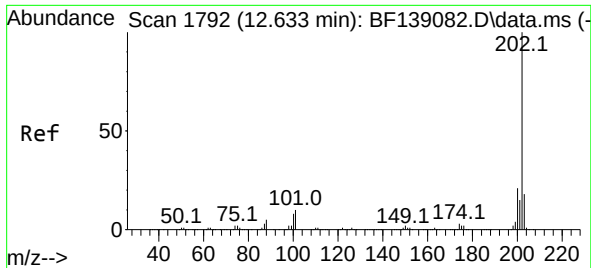


#74
 Di-n-butylphthalate
 Concen: 47.975 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21



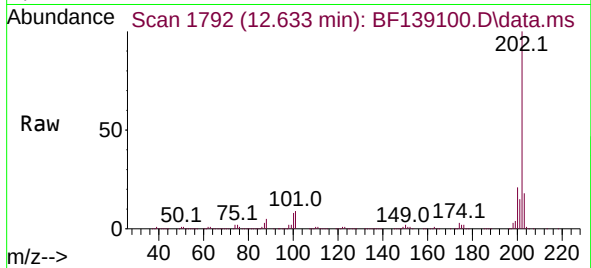
Tgt Ion:149 Resp: 783200
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 41.362 ng
RT: 12.633 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

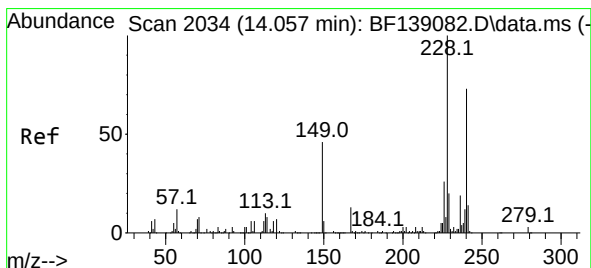
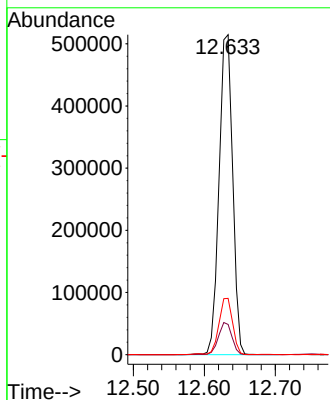
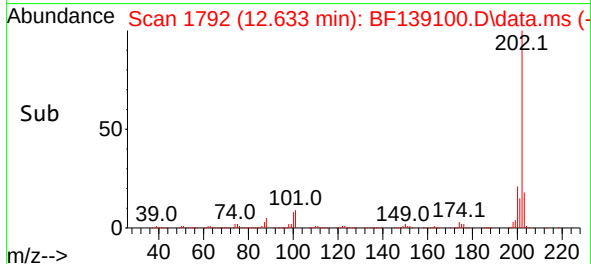
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:202 Resp: 680619
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.6 0.0 37.6

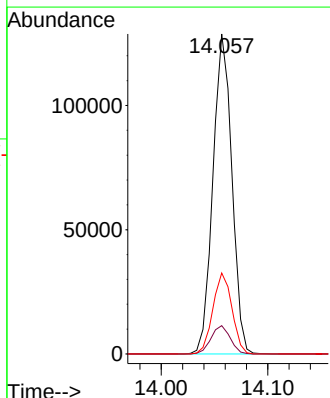
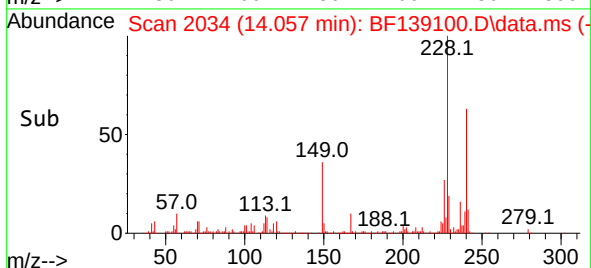
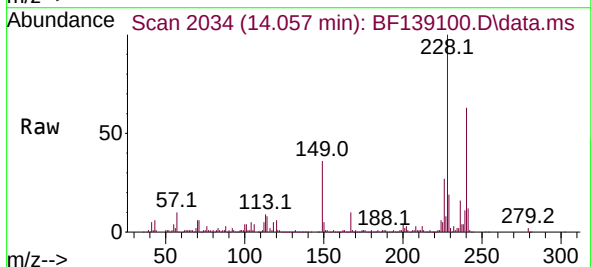
Manual Integrations
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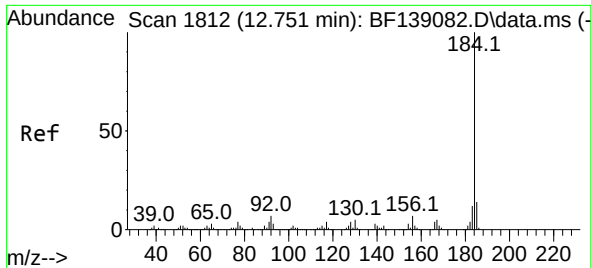
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

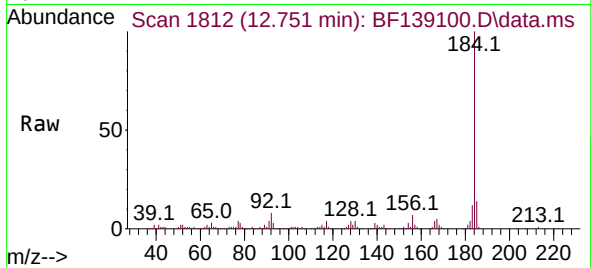
Tgt Ion:240 Resp: 158862
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.3 20.9 31.3





#77
Benzidine
Concen: 58.729 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

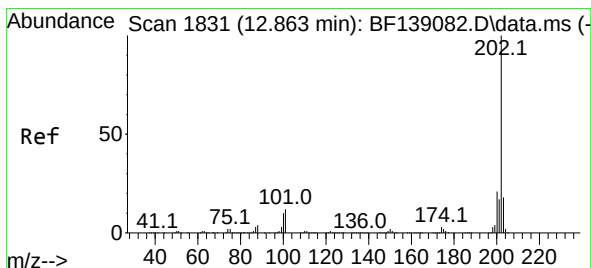
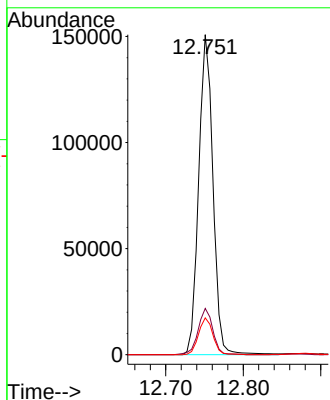
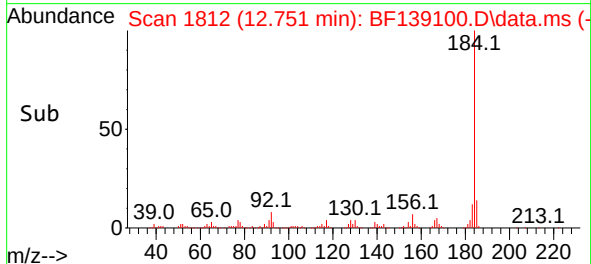
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:184 Resp: 192720
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.5 9.8 14.6

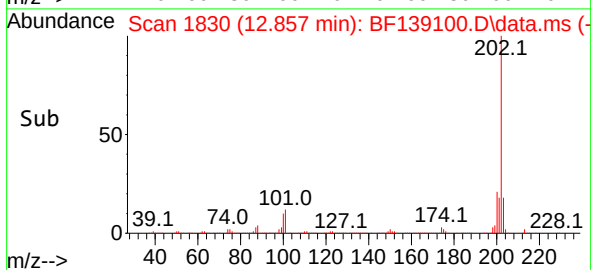
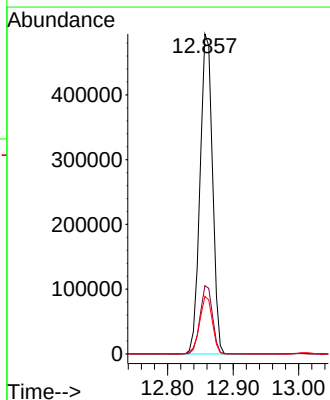
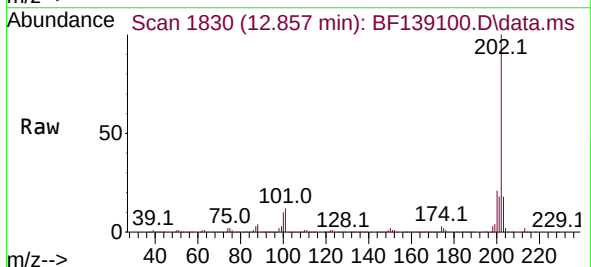
Manual Integrations
APPROVED

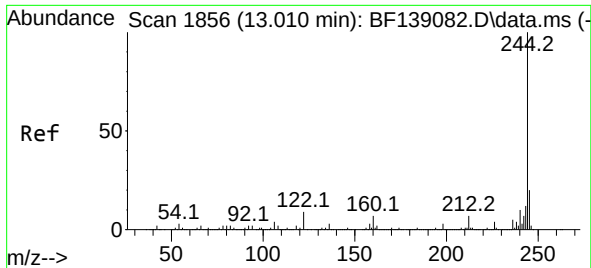
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#78
Pyrene
Concen: 49.367 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

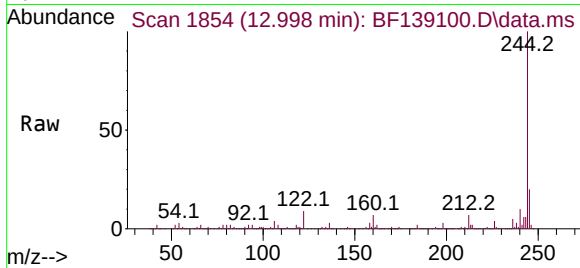
Tgt Ion:202 Resp: 654467
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 33.572 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.012 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

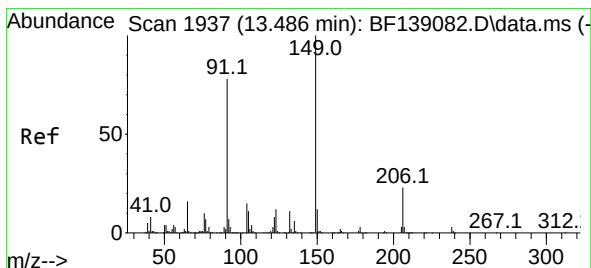
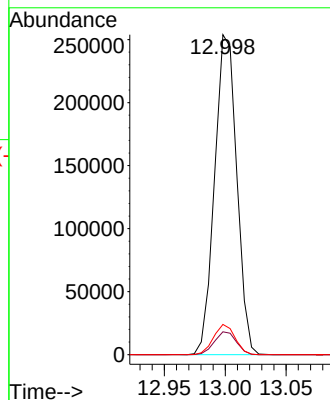
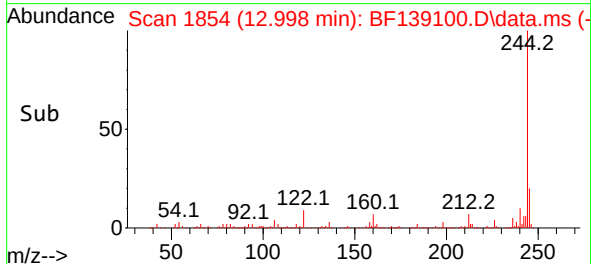
Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MSD



Tgt Ion:244 Resp: 32142
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.5 7.6 11.4

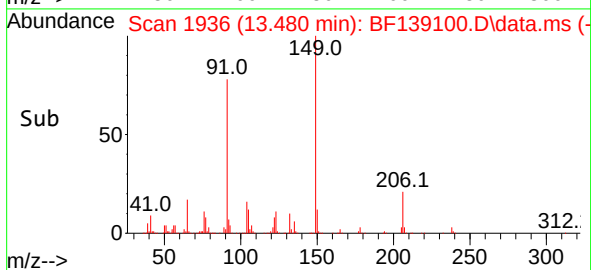
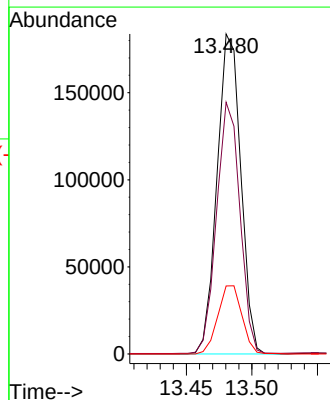
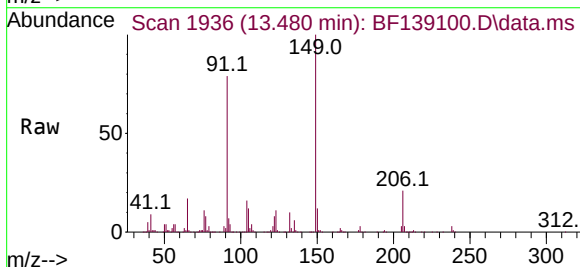
Manual Integrations
 APPROVED

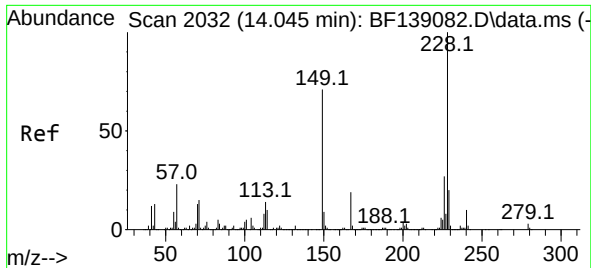
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024



#80
 Butylbenzylphthalate
 Concen: 50.399 ng
 RT: 13.480 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

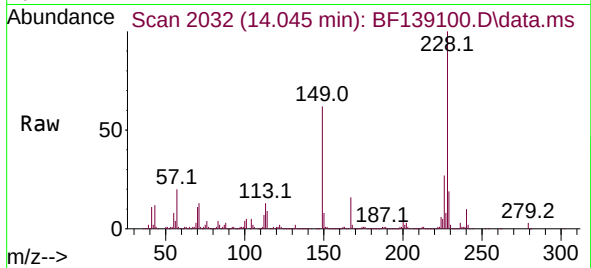
Tgt Ion:149 Resp: 231156
 Ion Ratio Lower Upper
 149 100
 91 78.6 62.1 93.1
 206 21.3 18.0 27.0





#81
Benzo(a)anthracene
Concen: 52.134 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

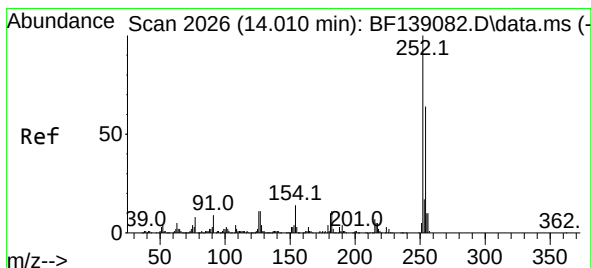
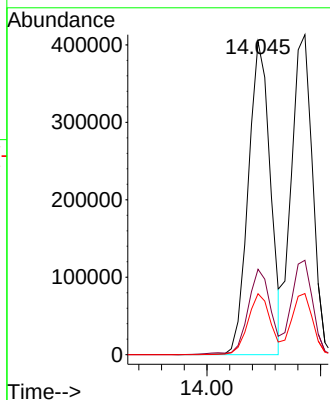
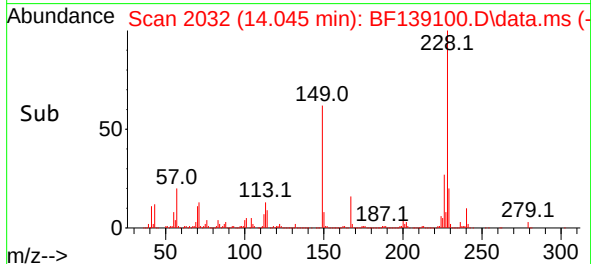
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



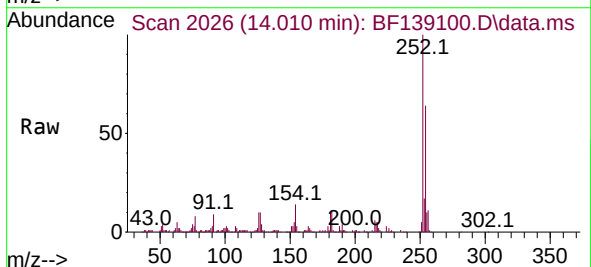
Tgt Ion:228 Resp: 54443
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.5 16.1 24.1

Manual Integrations
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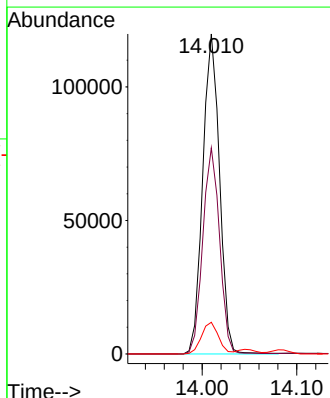
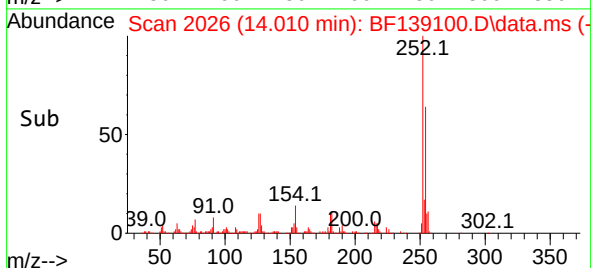
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

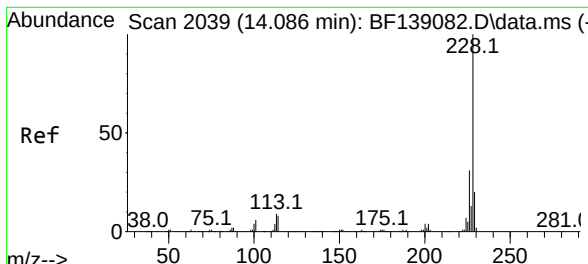


#82
3,3'-Dichlorobenzidine
Concen: 50.463 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



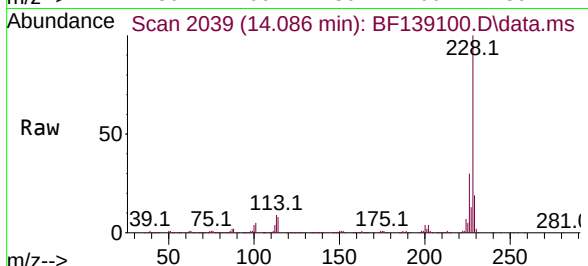
Tgt Ion:252 Resp: 147304
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 9.9 8.6 12.8





#83
 Chrysene
 Concen: 56.019 ng
 RT: 14.086 min Scan# 2039
 Delta R.T. -0.000 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

Instrument : BNA_F
 ClientSampleId : S-906-J-0-0.5-081624MSD

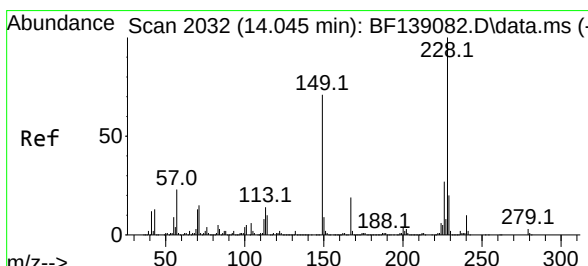
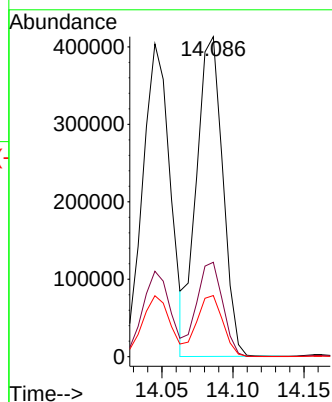
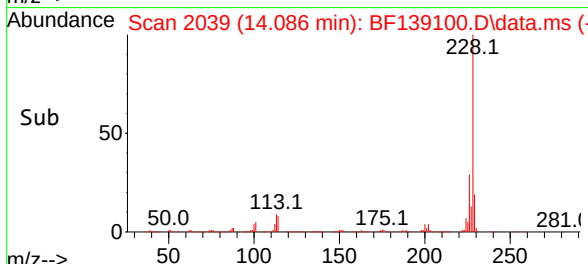


Tgt Ion: 228 Resp: 530252

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.1	15.8	23.8

Manual Integrations
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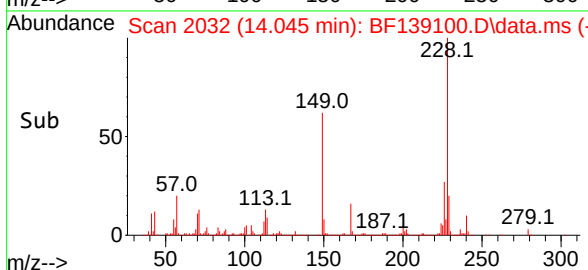
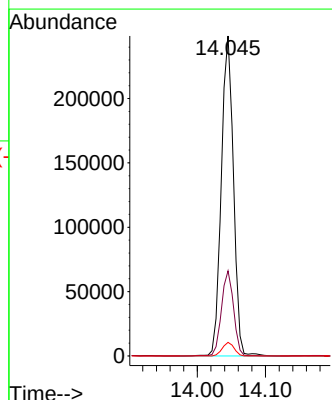
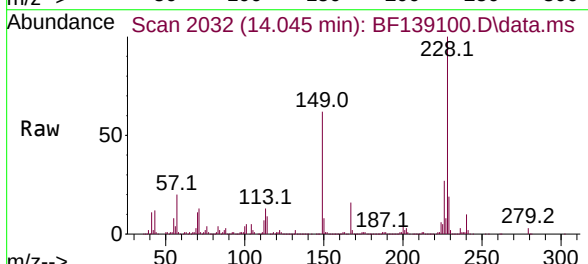
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

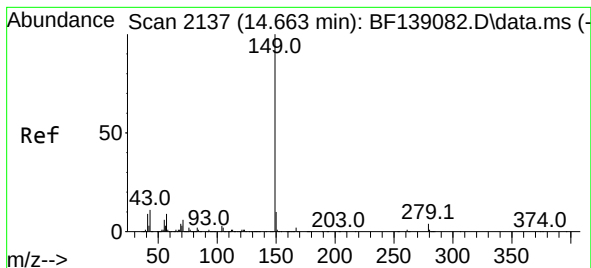


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.689 ng
 RT: 14.045 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: BF139100.D
 Acq: 21 Aug 2024 14:21

Tgt Ion: 149 Resp: 308208

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.6
279	4.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 61.614 ng

RT: 14.657 min Scan# 2136

Delta R.T. -0.006 min

Lab File: BF139100.D

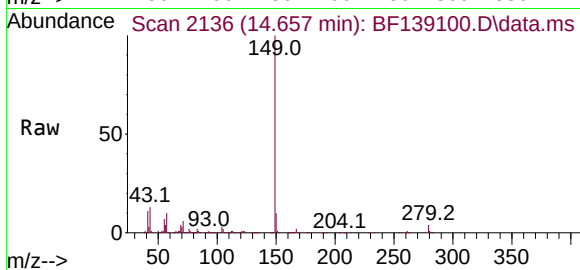
Acq: 21 Aug 2024 14:21

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MSD



Tgt Ion:149 Resp: 52581

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

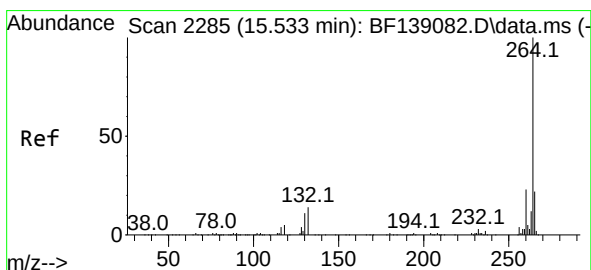
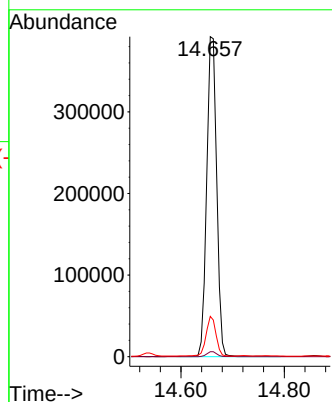
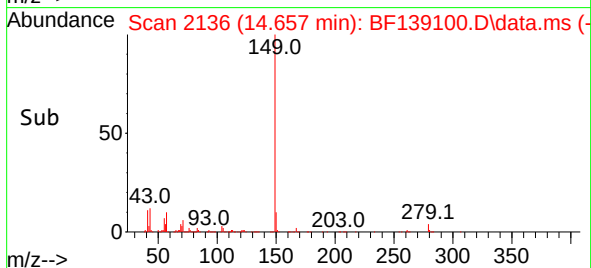
43 12.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139100.D

Acq: 21 Aug 2024 14:21

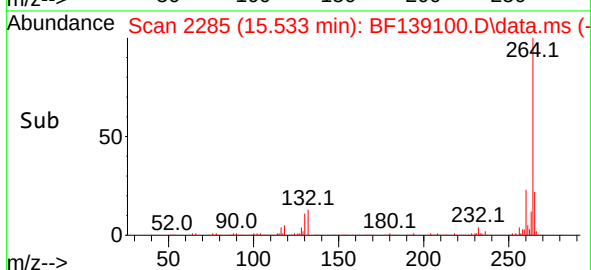
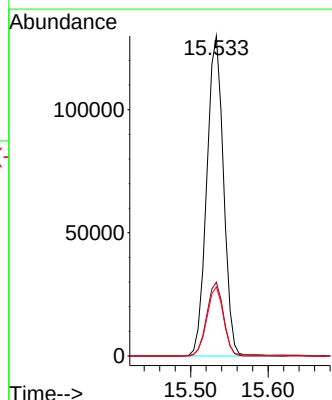
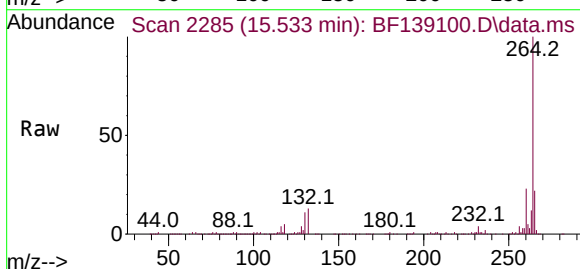
Tgt Ion:264 Resp: 194420

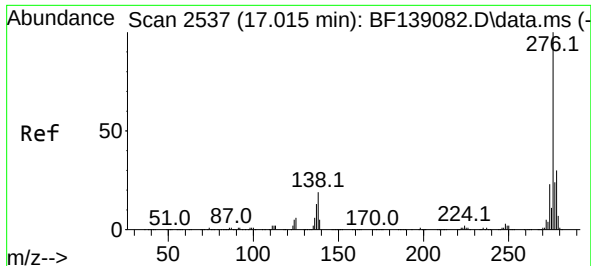
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

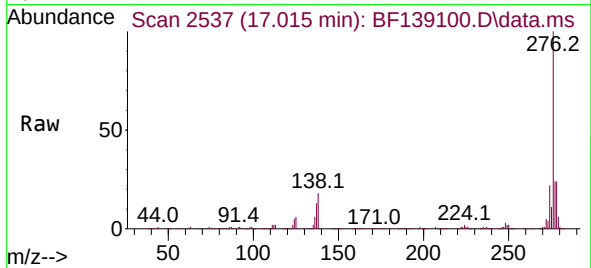
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.391 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

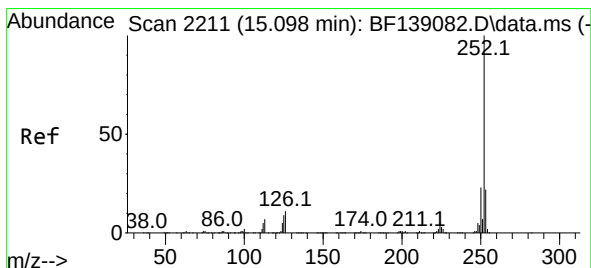
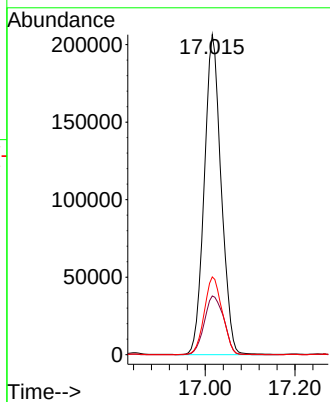
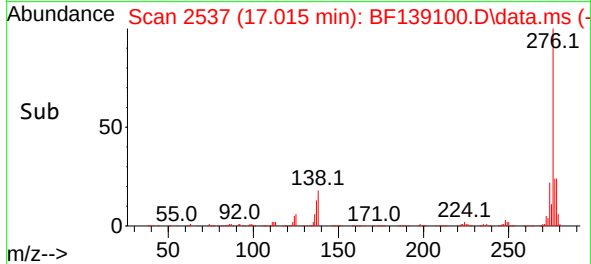
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:276 Resp: 53923
Ion Ratio Lower Upper
276 100
138 21.2 17.3 25.9
277 25.9 20.2 30.4

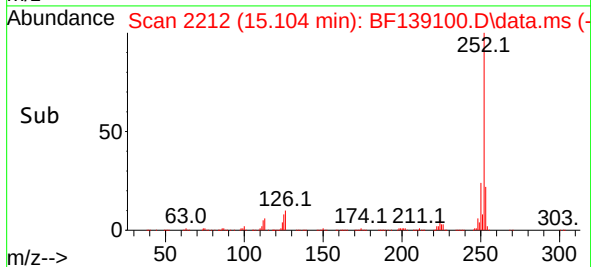
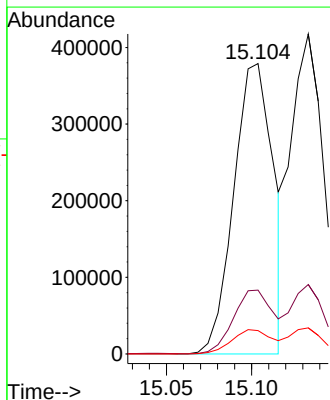
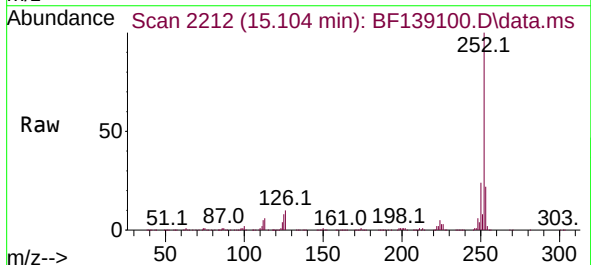
Manual Integrations
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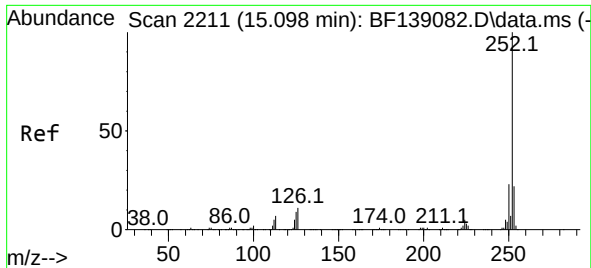
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#88
Benzo(b)fluoranthene
Concen: 48.170 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

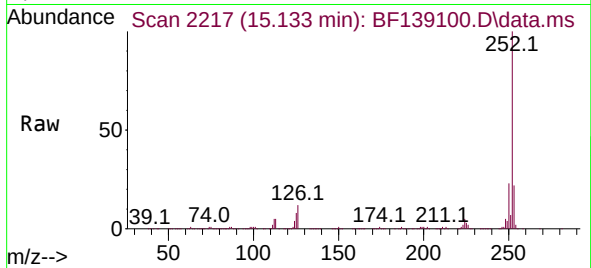
Tgt Ion:252 Resp: 610550
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.0 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 52.527 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

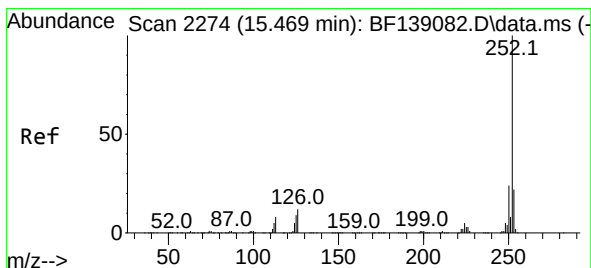
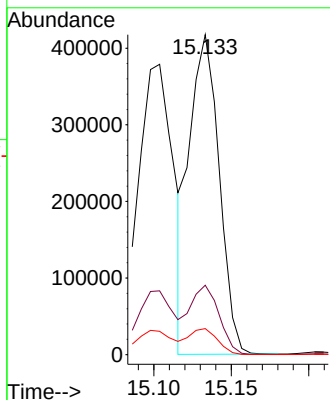
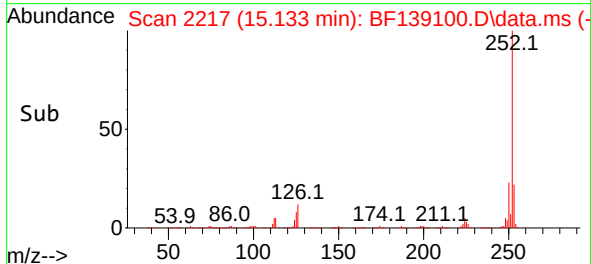
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



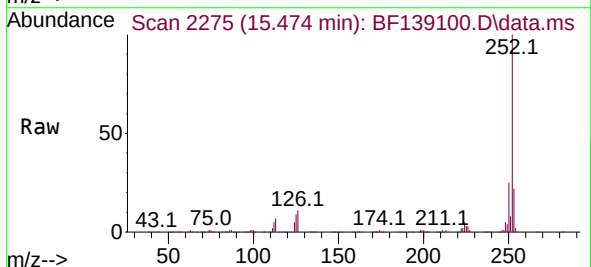
Tgt Ion:252 Resp: 554500
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.1 7.0 10.6

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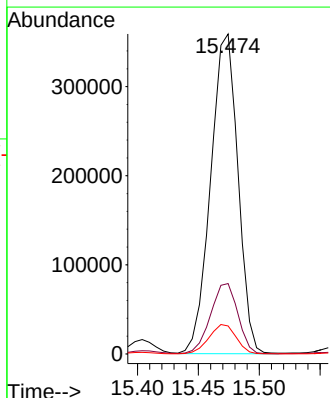
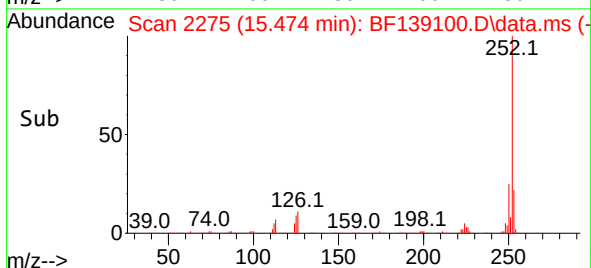
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

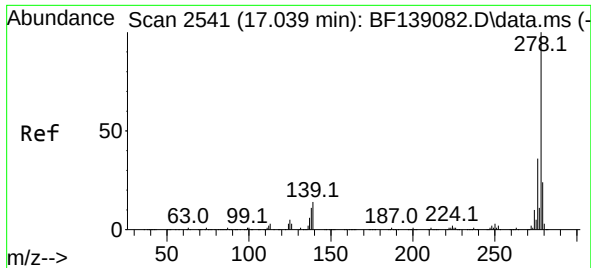


#90
Benzo(a)pyrene
Concen: 55.974 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21



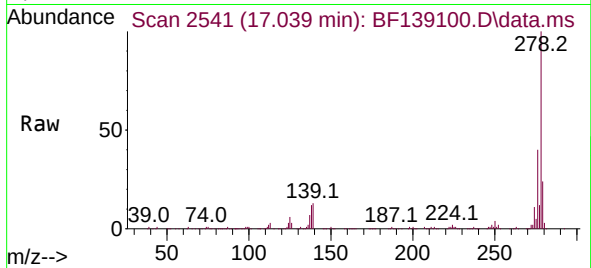
Tgt Ion:252 Resp: 560599
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 47.223 ng
RT: 17.039 min Scan# 2541
Delta R.T. -0.000 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

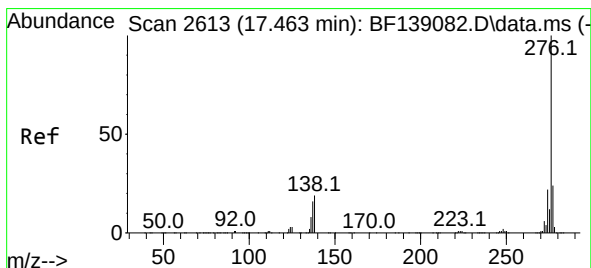
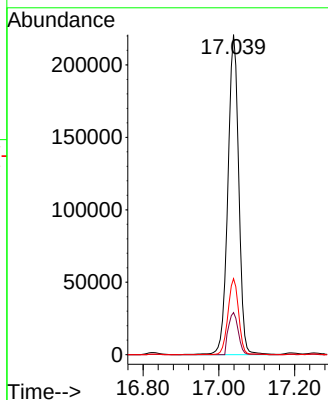
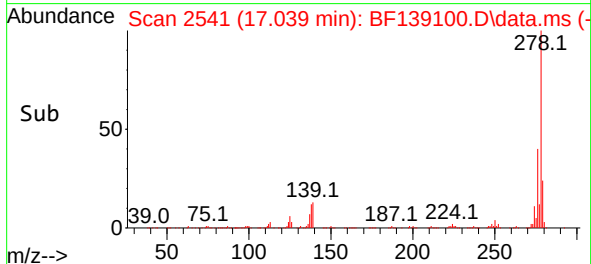
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MSD



Tgt Ion:278 Resp: 441080
Ion Ratio Lower Upper
278 100
139 13.2 10.8 16.2
279 23.8 19.2 28.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#92
Benzo(g,h,i)perylene
Concen: 35.927 ng
RT: 17.462 min Scan# 2613
Delta R.T. -0.001 min
Lab File: BF139100.D
Acq: 21 Aug 2024 14:21

Tgt Ion:276 Resp: 375433
Ion Ratio Lower Upper
276 100
277 22.6 18.8 28.2
138 17.5 15.0 22.4

