

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139008.D
 Acq On : 14 Aug 2024 22:17
 Operator : RC/JU
 Sample : P3475-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-1.0-1.5-080524MS

Quant Time: Aug 15 01:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	30988	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	101717	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	45061	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	82982	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	54235	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	41522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	265871	132.442	ng	0.00
7) Phenol-d6	6.487	99	333348	123.682	ng	0.00
23) Nitrobenzene-d5	7.404	82	201633	96.917	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	56410	152.827	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	255231	85.103	ng	-0.02
79) Terphenyl-d14	12.933	244	305483	94.305	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	42266	48.091	ng	# 96
3) Pyridine	3.399	79	106091	49.831	ng	95
4) n-Nitrosodimethylamine	3.363	42	90137	71.086	ng	# 80
6) Aniline	6.504	93	73493	30.576	ng	# 1
8) 2-Chlorophenol	6.634	128	112434	53.234	ng	98
9) Benzaldehyde	6.398	77	4711	2.916	ng	99
10) Phenol	6.504	94	144634	50.968	ng	88
11) bis(2-Chloroethyl)ether	6.575	93	115172	52.741	ng	100
12) 1,3-Dichlorobenzene	6.775	146	126731	53.604	ng	97
13) 1,4-Dichlorobenzene	6.851	146	128140	53.707	ng	99
14) 1,2-Dichlorobenzene	7.004	146	118873	53.311	ng	100
15) Benzyl Alcohol	6.987	79	105908	54.520	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	196755	52.355	ng	57
17) 2-Methylphenol	7.104	107	84335	48.357	ng	# 82
18) Hexachloroethane	7.345	117	46347	51.605	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	84752	52.064	ng	93
20) 3+4-Methylphenols	7.263	107	110154	49.227	ng	# 62
22) Acetophenone	7.251	105	151917	60.998	ng	98
24) Nitrobenzene	7.422	77	124493	58.806	ng	98
25) Isophorone	7.663	82	209995	59.112	ng	98
26) 2-Nitrophenol	7.740	139	53482	58.719	ng	90
27) 2,4-Dimethylphenol	7.781	122	65402	60.015	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	121768	56.286	ng	99
29) 2,4-Dichlorophenol	7.992	162	74475	53.184	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	89677	55.493	ng	97
31) Naphthalene	8.140	128	291921	54.523	ng	99
32) Benzoic acid	7.916	122	29281	34.182	ng	92
33) 4-Chloroaniline	8.198	127	36997	20.586	ng	94
34) Hexachlorobutadiene	8.251	225	58868	60.142	ng	99
35) Caprolactam	8.557	113	21216m	50.776	ng	
36) 4-Chloro-3-methylphenol	8.687	107	78571	49.096	ng	98
37) 2-Methylnaphthalene	8.828	142	170110	50.308	ng	100
38) 1-Methylnaphthalene	8.928	142	155131	46.819	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	71819	57.375	ng	98
41) Hexachlorocyclopentadiene	8.975	237	6493	24.857	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	43108	56.483	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139008.D
 Acq On : 14 Aug 2024 22:17
 Operator : RC/JU
 Sample : P3475-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-1.0-1.5-080524MS

Quant Time: Aug 15 01:14:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

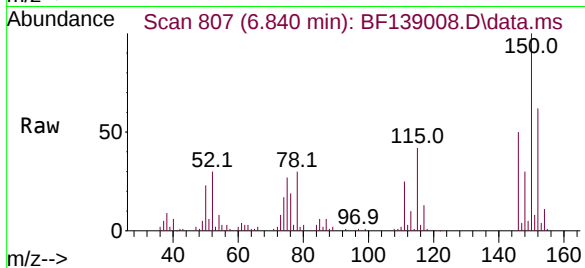
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	45869	54.976	ng	94
46) 1,1'-Biphenyl	9.287	154	192279	54.484	ng	98
47) 2-Chloronaphthalene	9.316	162	147104	56.046	ng	100
48) 2-Nitroaniline	9.422	65	55108	61.932	ng	95
49) Acenaphthylene	9.734	152	226516	60.849	ng	99
50) Dimethylphthalate	9.586	163	174247	60.476	ng	100
51) 2,6-Dinitrotoluene	9.663	165	36041	55.427	ng	92
52) Acenaphthene	9.904	154	137018	54.754	ng	99
53) 3-Nitroaniline	9.834	138	30232	44.974	ng	99
54) 2,4-Dinitrophenol	9.957	184	14461	48.311	ng #	79
55) Dibenzofuran	10.075	168	207013	58.604	ng	97
56) 4-Nitrophenol	10.016	139	43028	106.444	ng	82
57) 2,4-Dinitrotoluene	10.069	165	50194	60.503	ng #	80
58) Fluorene	10.416	166	164495	58.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	36957	57.938	ng	95
60) Diethylphthalate	10.286	149	165861	60.712	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	78344	56.628	ng	94
62) 4-Nitroaniline	10.451	138	36893	57.753	ng	87
63) Azobenzene	10.569	77	175301	57.856	ng	95
65) 4,6-Dinitro-2-methylph...	10.481	198	15689	30.990	ng	88
66) n-Nitrosodiphenylamine	10.528	169	137922	53.173	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	45273	50.391	ng	96
68) Hexachlorobenzene	10.963	284	49018	52.841	ng	96
69) Atrazine	11.051	200	44341	66.258	ng	97
70) Pentachlorophenol	11.169	266	40169	96.069	ng	97
71) Phenanthrene	11.380	178	264590	61.923	ng	100
72) Anthracene	11.433	178	263631	62.629	ng	99
73) Carbazole	11.592	167	241485	66.494	ng	99
74) Di-n-butylphthalate	11.910	149	277429	67.954	ng	99
75) Fluoranthene	12.569	202	310079	77.733	ng	98
77) Benzidine	12.698	184	52969	40.833	ng	99
78) Pyrene	12.798	202	312705	61.238	ng	100
80) Butylbenzylphthalate	13.410	149	119391	73.013	ng	99
81) Benzo(a)anthracene	13.986	228	234060	62.671	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	53683	56.169	ng	99
83) Chrysene	14.027	228	193103	57.310	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	155481	64.933	ng	97
85) Di-n-octyl phthalate	14.574	149	222064	50.125	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	146694	49.299	ng	95
88) Benzo(b)fluoranthene	15.039	252	165724	64.385	ng	98
89) Benzo(k)fluoranthene	15.063	252	142638	64.004	ng	99
90) Benzo(a)pyrene	15.404	252	138956	64.181	ng	97
91) Dibenzo(a,h)anthracene	16.945	278	117170	47.969	ng	97
92) Benzo(g,h,i)perylene	17.380	276	109581	43.232	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

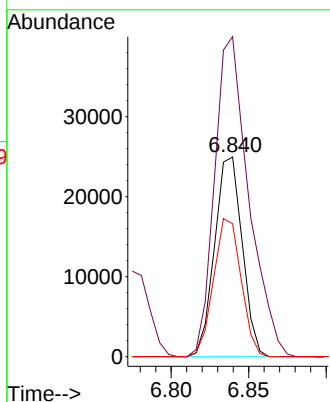
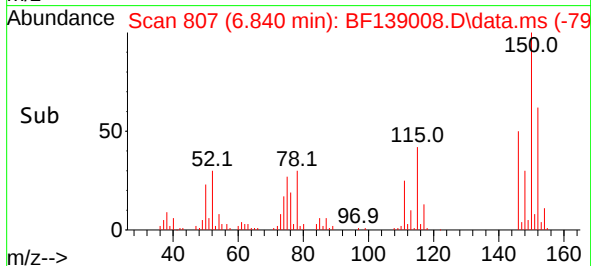
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:152 Resp: 3098
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 66.6 51.7 77.5

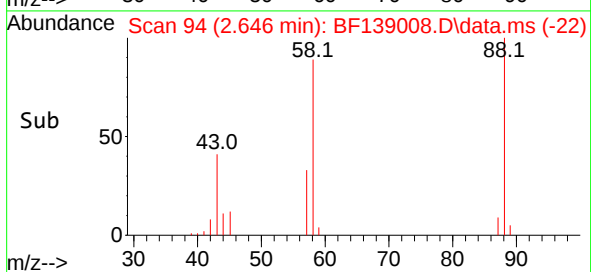
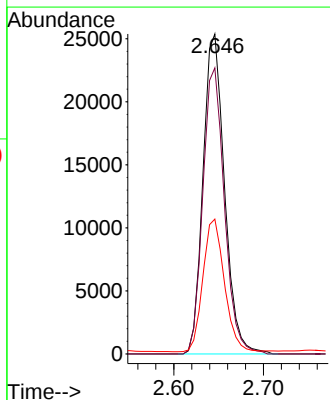
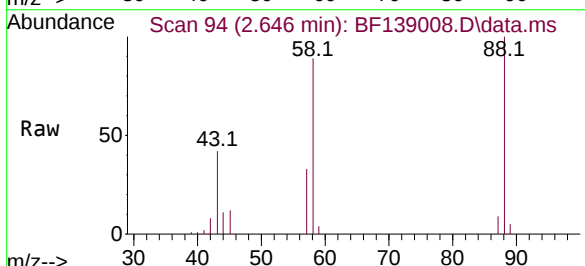
Manual Integrations
APPROVED

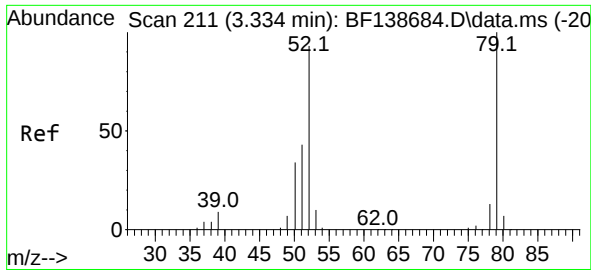
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 48.091 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.071 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

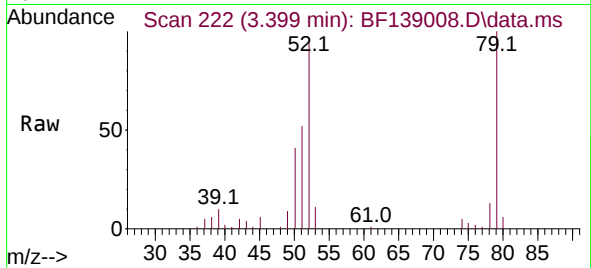
Tgt Ion: 88 Resp: 42266
Ion Ratio Lower Upper
88 100
58 89.6 71.6 107.4
43 43.2 28.7 43.1#





#3
Pyridine
Concen: 49.831 ng
RT: 3.399 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

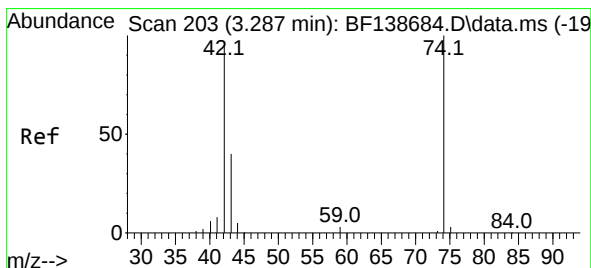
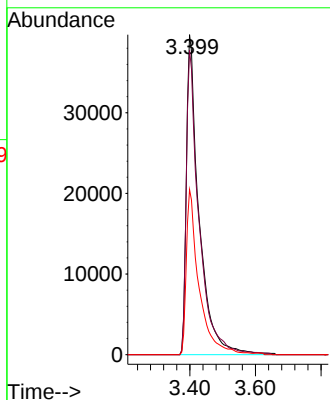
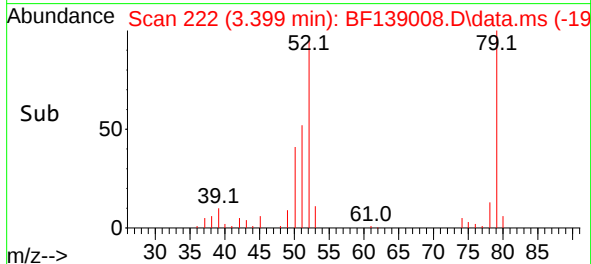
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



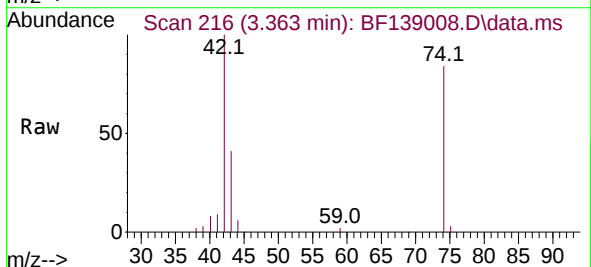
Tgt Ion: 79 Resp: 10609
Ion Ratio Lower Upper
79 100
52 95.2 74.7 112.1
51 51.6 34.6 51.8

Manual Integrations
APPROVED

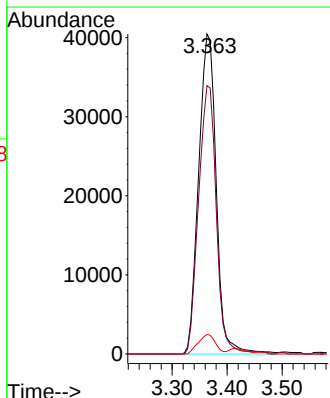
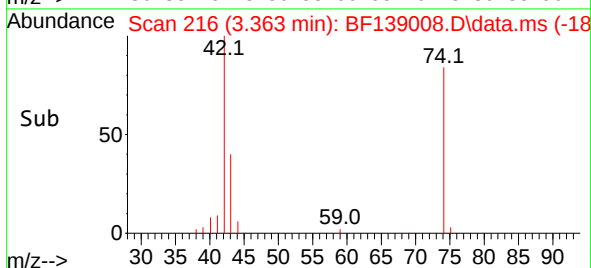
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#4
n-Nitrosodimethylamine
Concen: 71.086 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.077 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



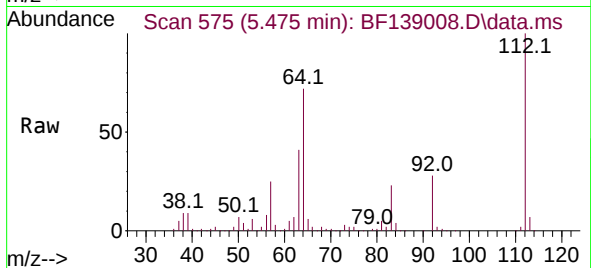
Tgt Ion: 42 Resp: 90137
Ion Ratio Lower Upper
42 100
74 83.8 84.2 126.4#
44 6.1 4.9 7.3





#5
2-Fluorophenol
Concen: 132.442 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

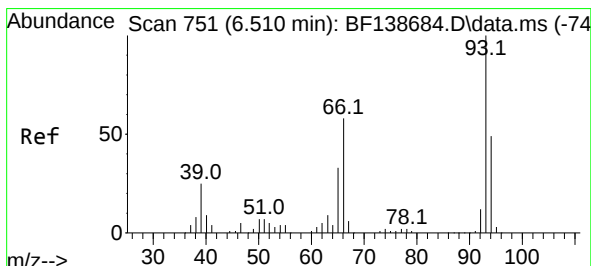
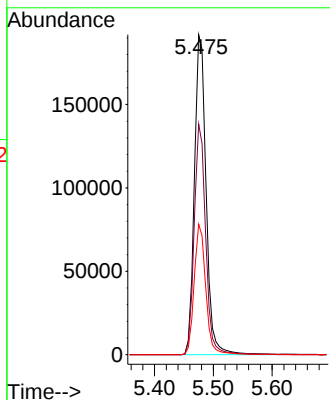
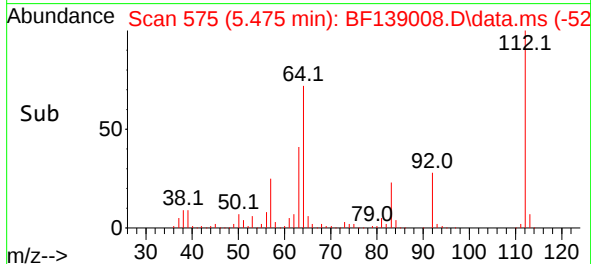
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:112 Resp: 26587
Ion Ratio Lower Upper
112 100
64 72.1 54.2 81.4
63 40.8 28.7 43.1

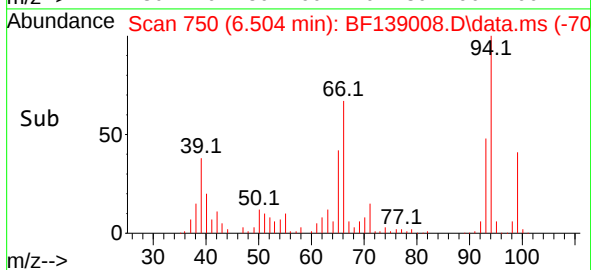
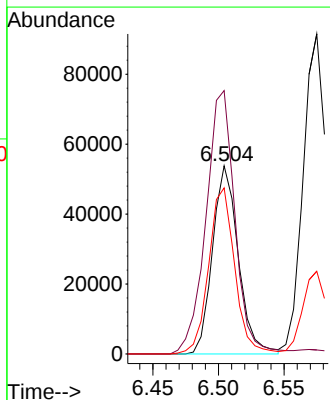
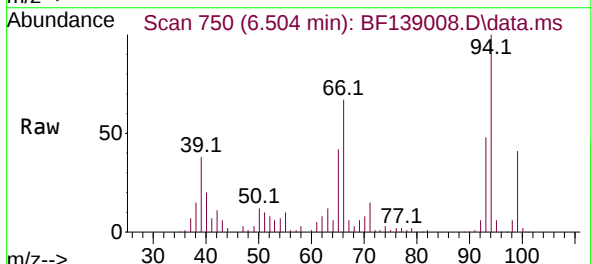
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#6
Aniline
Concen: 30.576 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

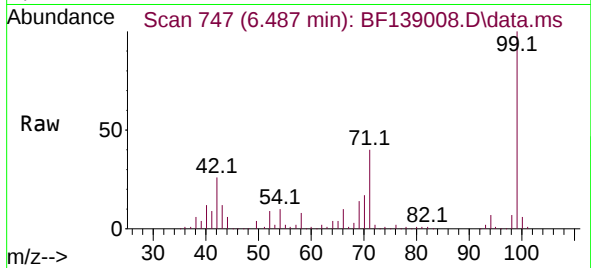
Tgt Ion: 93 Resp: 73493
Ion Ratio Lower Upper
93 100
66 140.0 46.9 70.3#
65 88.3 26.5 39.7#





#7
Phenol-d6
Concen: 123.682 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

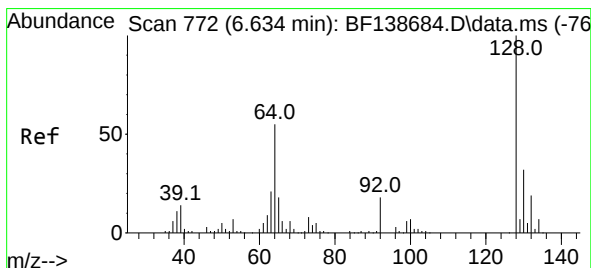
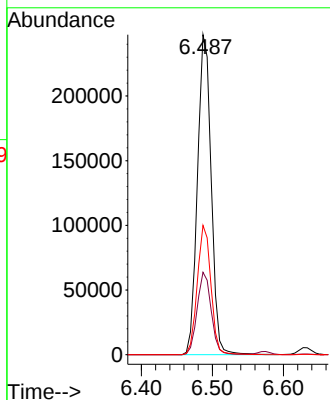
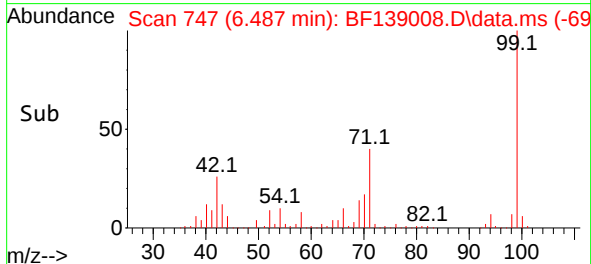
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



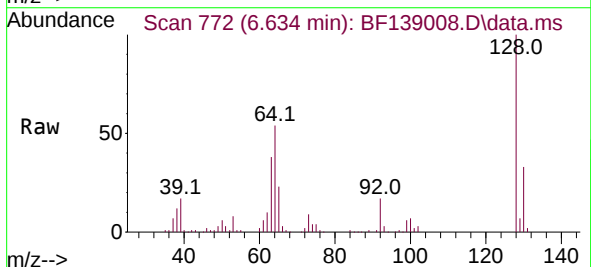
Tgt Ion: 99 Resp: 333344
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.4 28.1 42.1

Manual Integrations
APPROVED

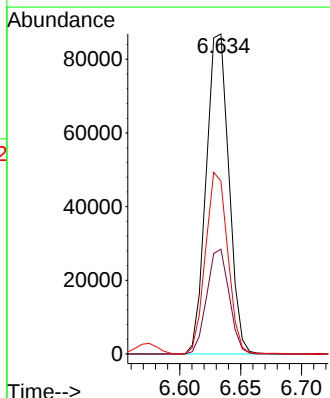
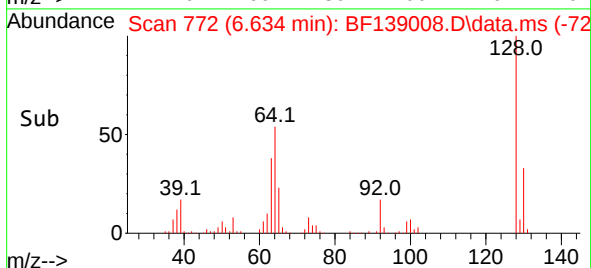
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

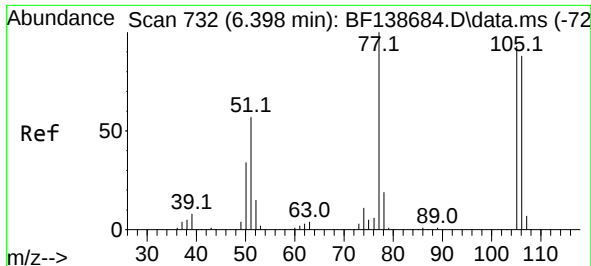


#8
2-Chlorophenol
Concen: 53.234 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



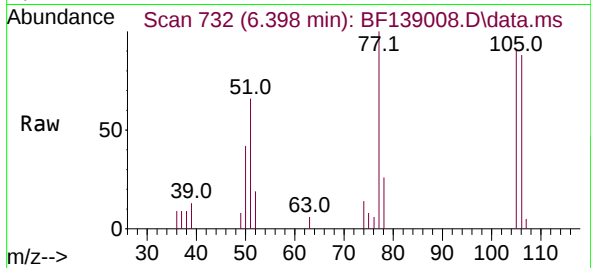
Tgt Ion:128 Resp: 112434
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 54.0 36.3 76.3





#9
Benzaldehyde
Concen: 2.916 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

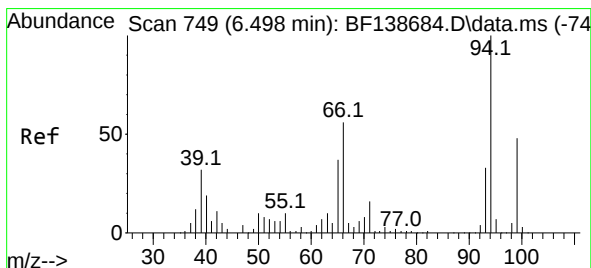
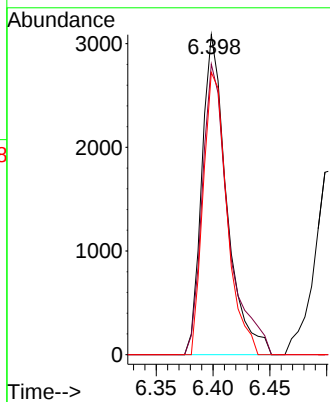
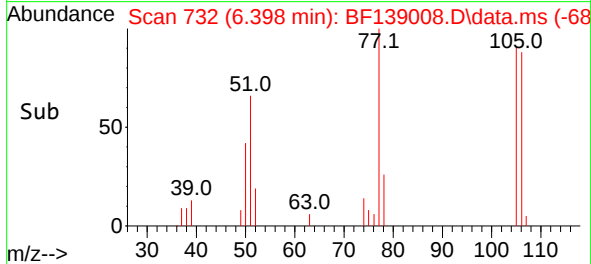
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 77 Resp: 471
Ion Ratio Lower Upper
77 100
105 90.8 72.9 112.9
106 88.2 68.4 108.4

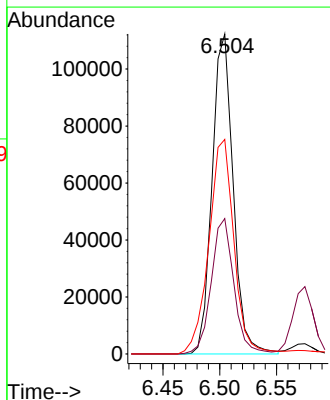
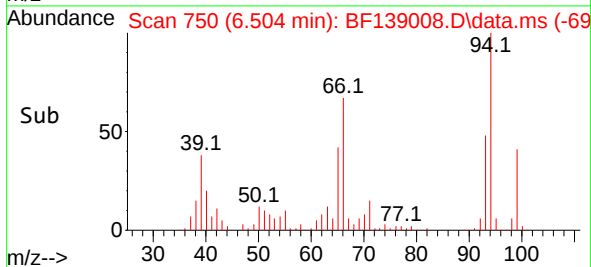
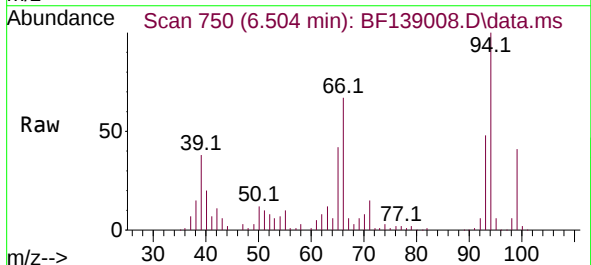
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#10
Phenol
Concen: 50.968 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

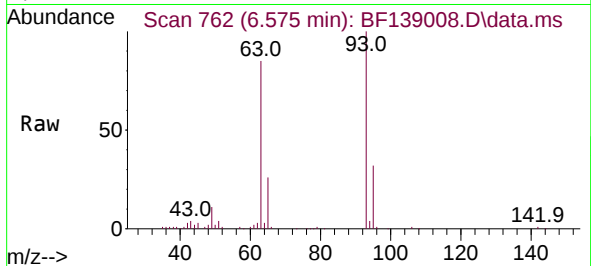
Tgt Ion: 94 Resp: 144634
Ion Ratio Lower Upper
94 100
65 42.3 16.9 56.9
66 67.1 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 52.741 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

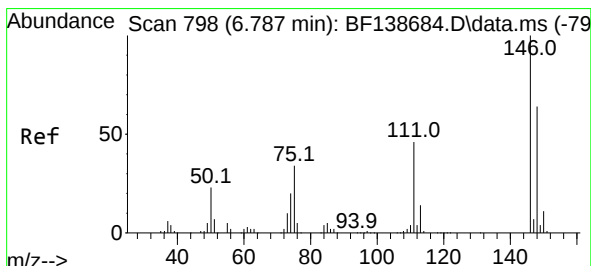
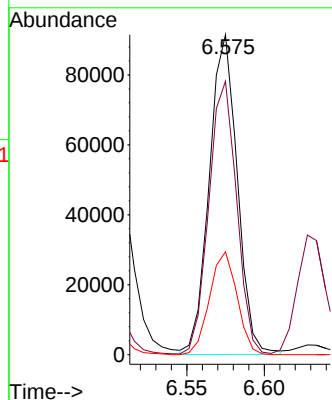
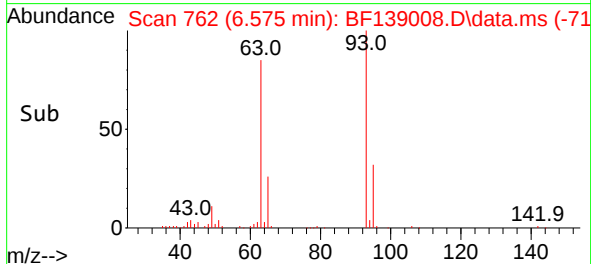
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 93 Resp: 115172
Ion Ratio Lower Upper
93 100
63 85.5 65.3 105.3
95 32.1 12.4 52.4

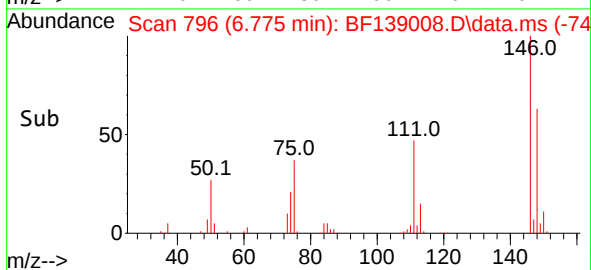
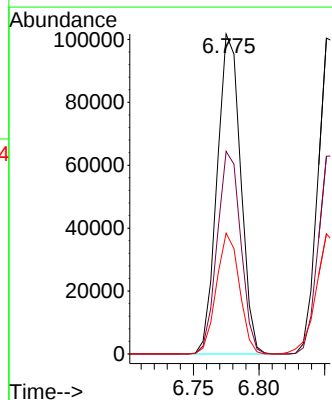
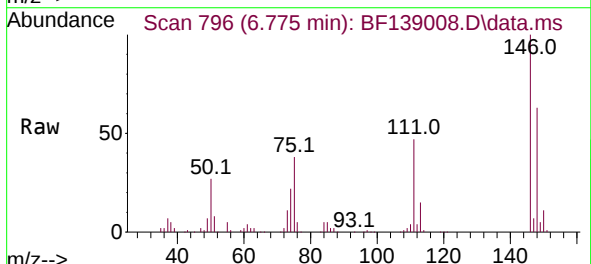
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#12
1,3-Dichlorobenzene
Concen: 53.604 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

Tgt Ion:146 Resp: 126731
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 37.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 53.707 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MS

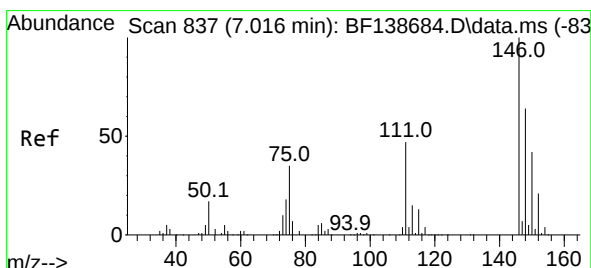
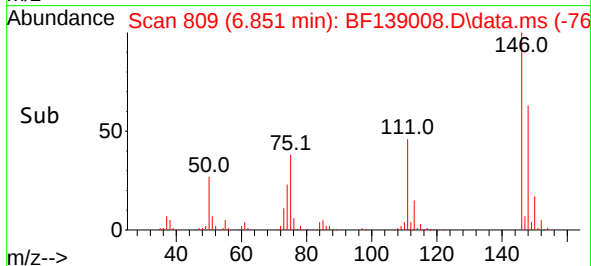
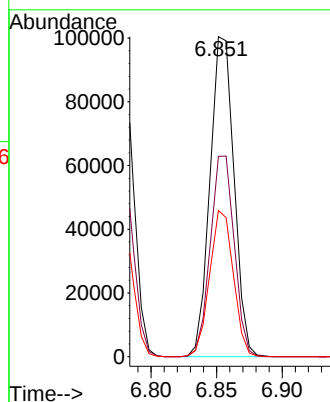
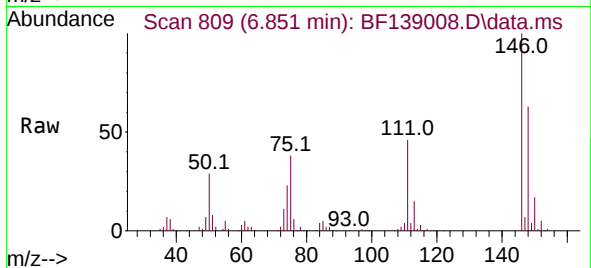
Tgt Ion:146 Resp: 128140

Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.2	75.2
111	45.7	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#14

1,2-Dichlorobenzene

Concen: 53.311 ng

RT: 7.004 min Scan# 835

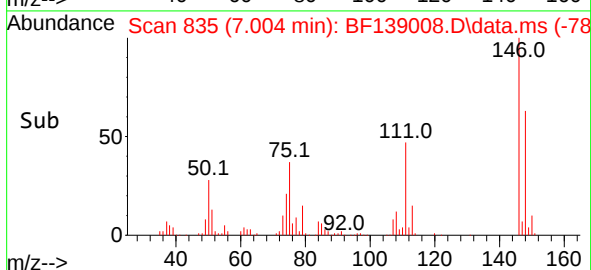
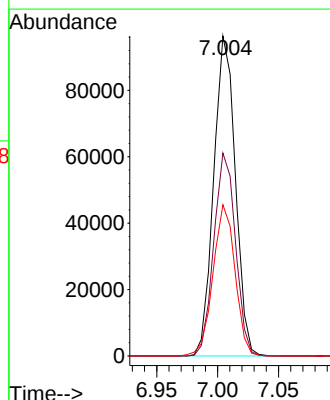
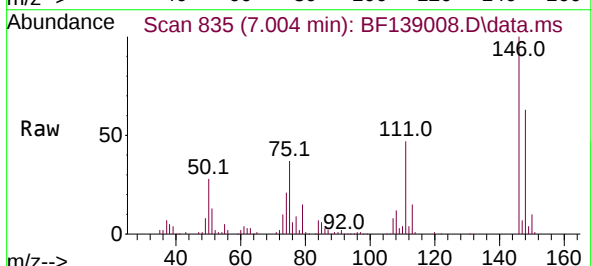
Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Tgt Ion:146 Resp: 118873

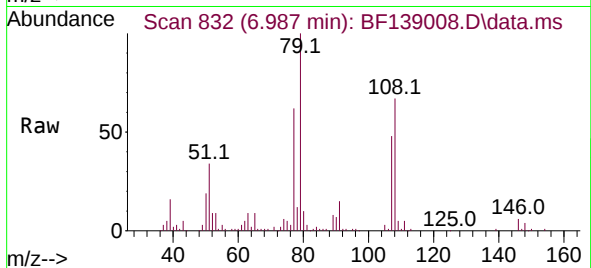
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	47.2	37.4	56.2





#15
Benzyl Alcohol
Concen: 54.520 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

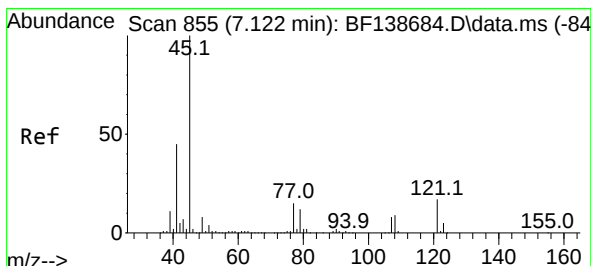
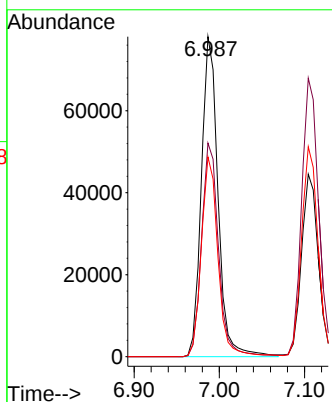
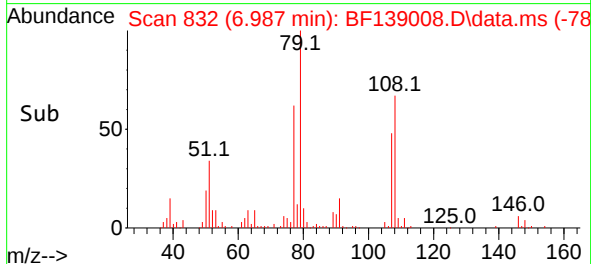
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 79 Resp: 105908
Ion Ratio Lower Upper
79 100
108 66.7 56.6 85.0
77 62.4 50.3 75.5

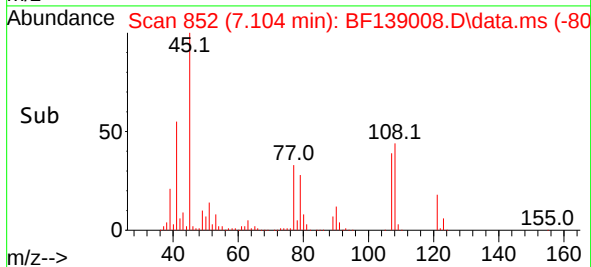
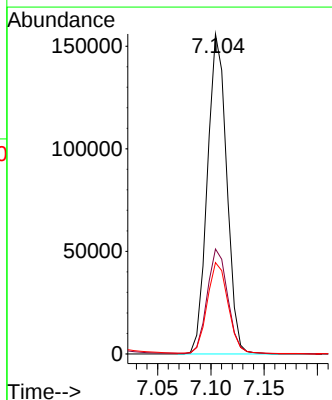
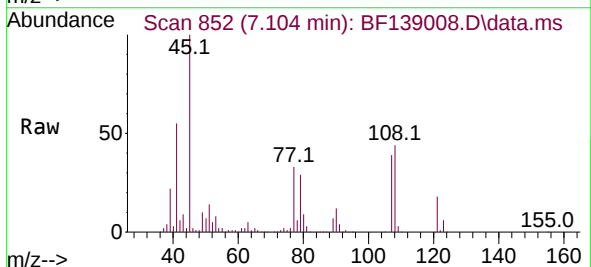
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.355 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

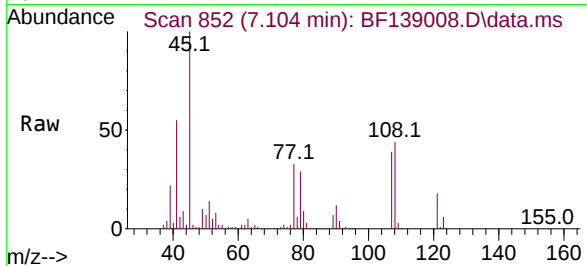
Tgt Ion: 45 Resp: 196755
Ion Ratio Lower Upper
45 100
77 32.8 0.0 34.9
79 28.5 0.0 32.2





#17
2-Methylphenol
Concen: 48.357 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

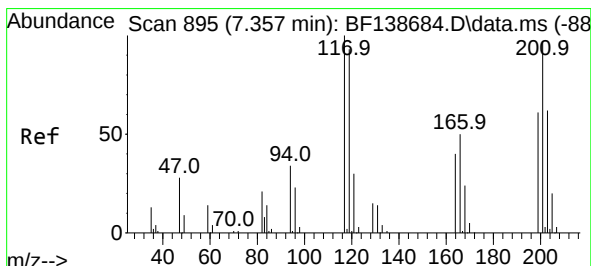
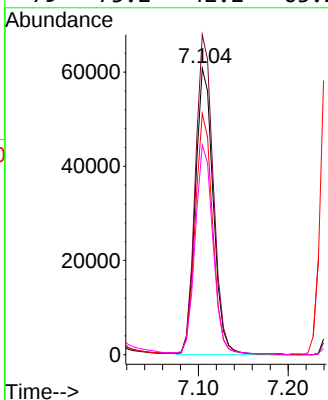
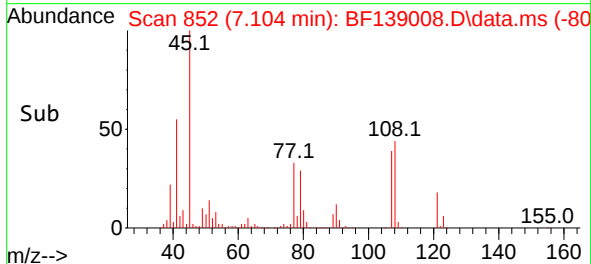
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



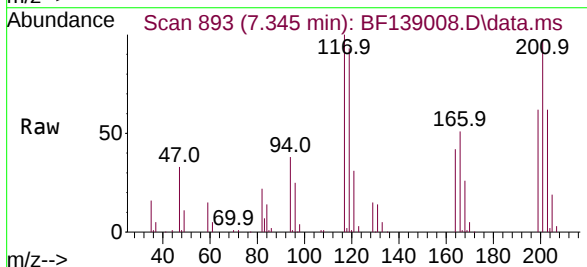
Tgt Ion:107 Resp: 8433
Ion Ratio Lower Upper
107 100
108 111.8 89.2 133.8
77 84.2 43.0 64.4
79 73.2 42.2 63.2

Manual Integrations
APPROVED

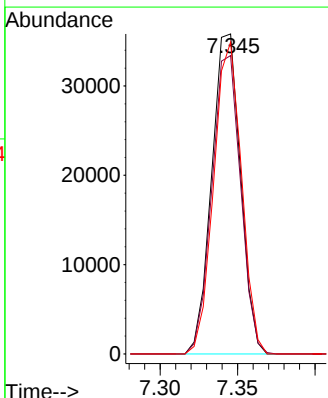
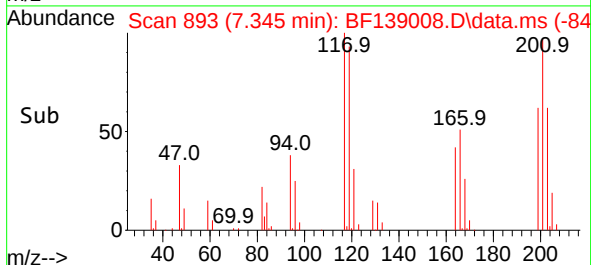
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 51.605 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



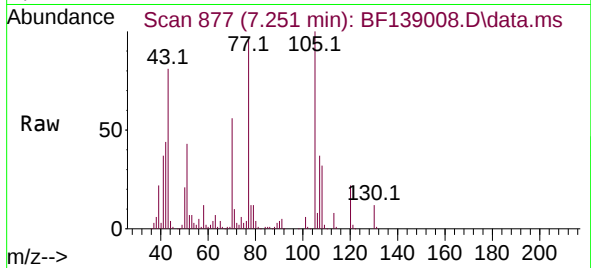
Tgt Ion:117 Resp: 46347
Ion Ratio Lower Upper
117 100
119 93.2 74.6 111.8
201 97.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 52.064 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

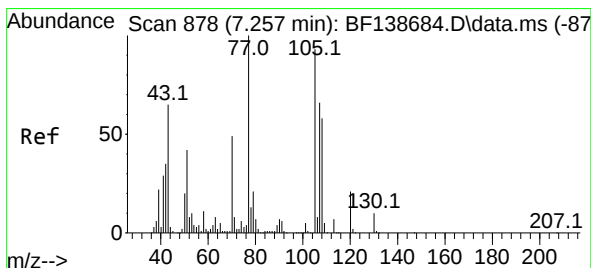
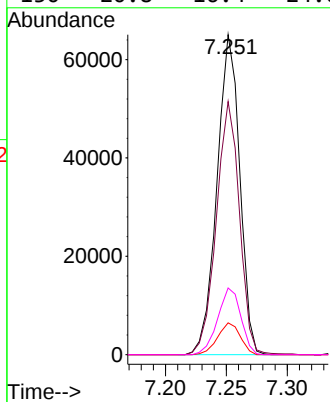
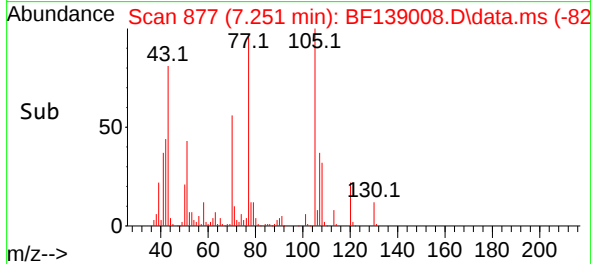
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



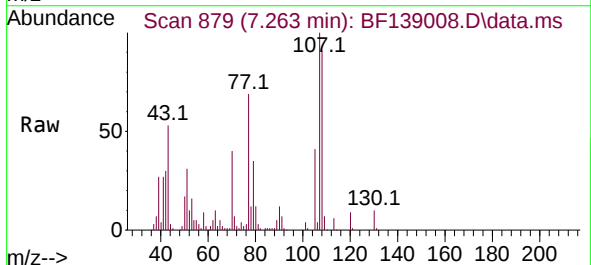
Tgt Ion: 70 Resp: 84752
Ion Ratio Lower Upper
70 100
42 79.1 57.4 86.0
101 9.9 7.5 11.3
130 20.8 16.4 24.6

Manual Integrations
APPROVED

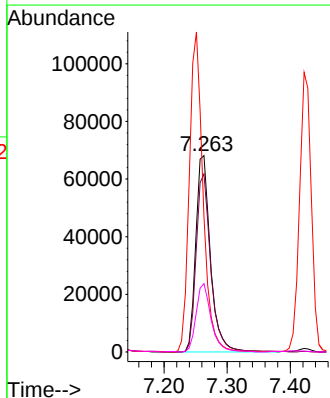
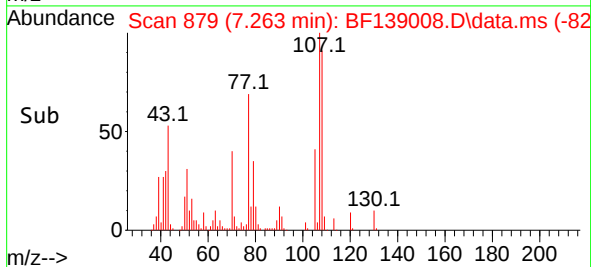
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

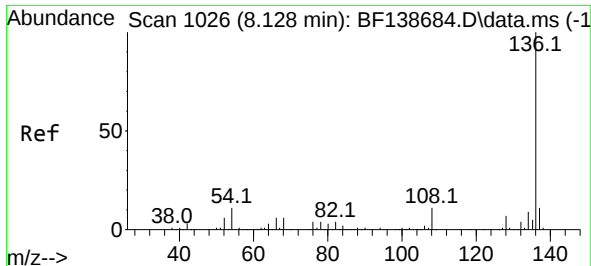


#20
3+4-Methylphenols
Concen: 49.227 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



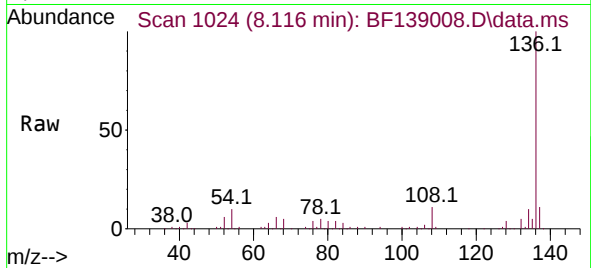
Tgt Ion:107 Resp: 110154
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 68.9 132.1 172.1#
79 34.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

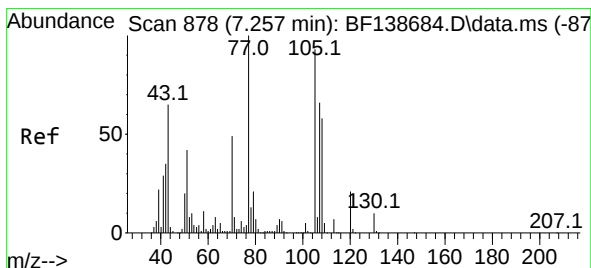
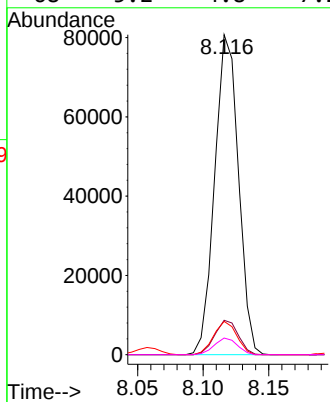
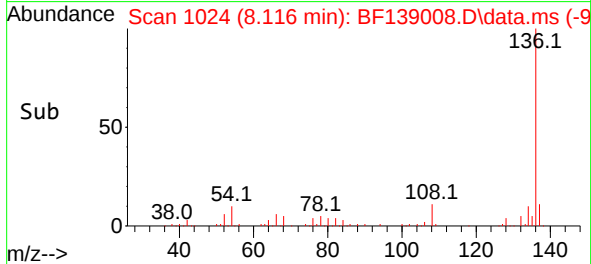
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



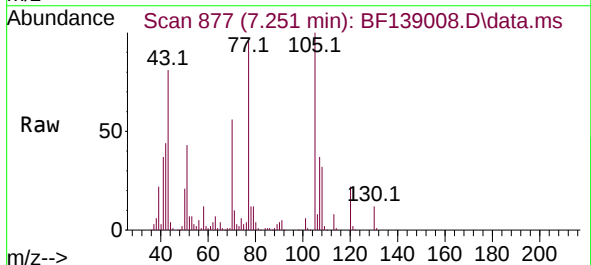
Tgt Ion:	136	Resp:	10171
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	10.4	8.6	12.8
68	5.2	4.8	7.2

Manual Integrations
APPROVED

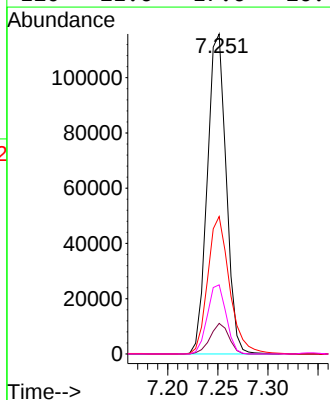
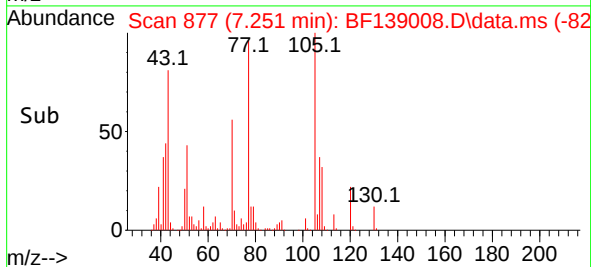
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

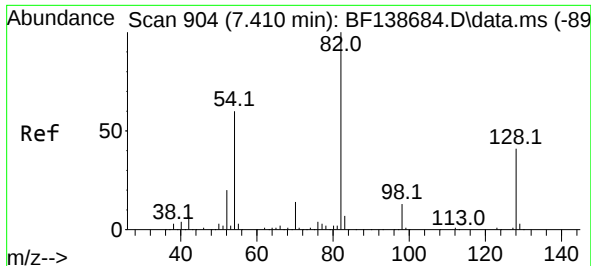


#22
Acetophenone
Concen: 60.998 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



Tgt Ion:	105	Resp:	151917
Ion Ratio	Lower	Upper	
105	100		
71	9.5	7.2	10.8
51	42.9	35.9	53.9
120	21.6	17.6	26.4





#23

Nitrobenzene-d5

Concen: 96.917 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

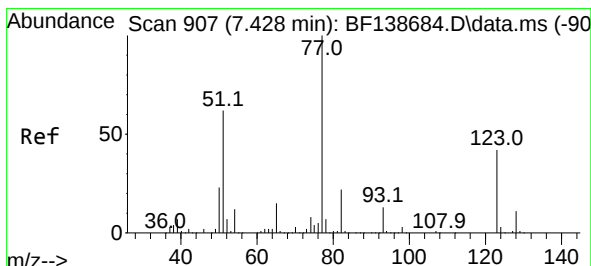
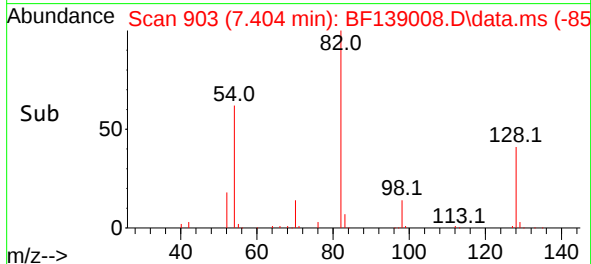
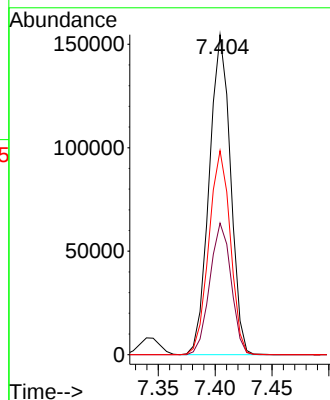
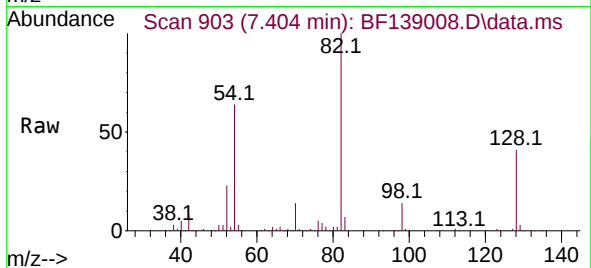
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion: 82 Resp: 20163
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.8 49.2
 54 63.7 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#24

Nitrobenzene

Concen: 58.806 ng

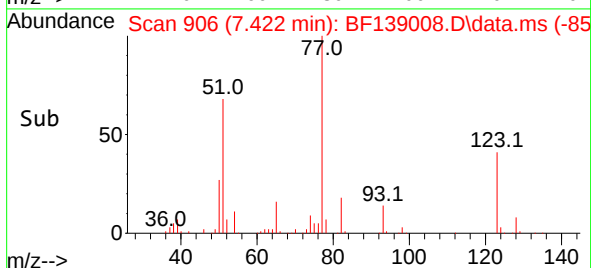
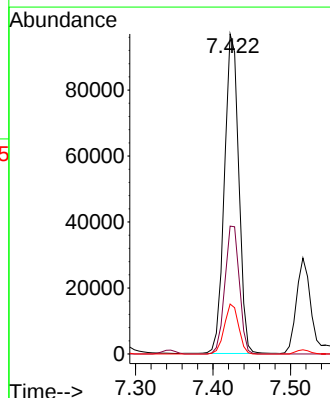
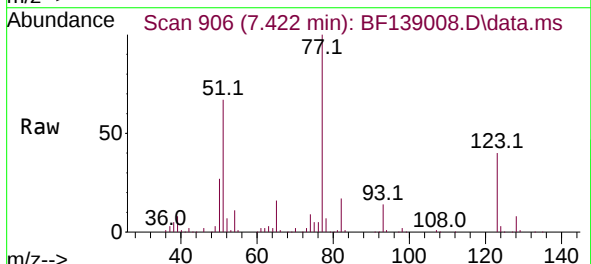
RT: 7.422 min Scan# 906

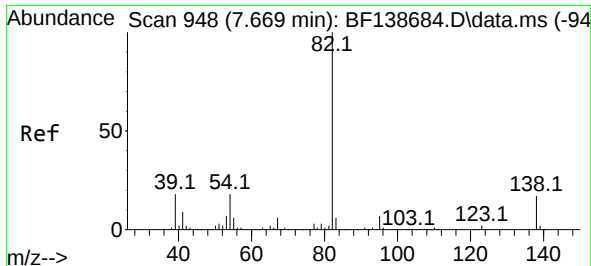
Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

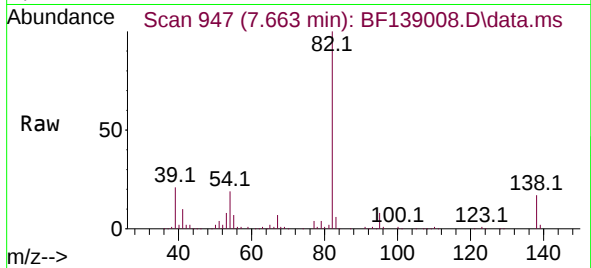
Tgt Ion: 77 Resp: 124493
 Ion Ratio Lower Upper
 77 100
 123 40.0 33.3 49.9
 65 15.6 11.9 17.9





#25
Isophorone
Concen: 59.112 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

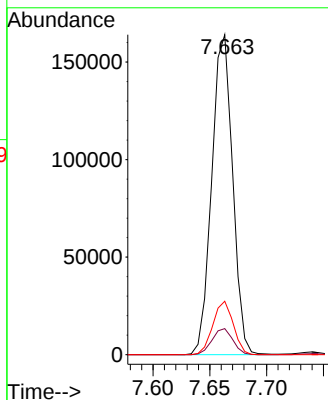
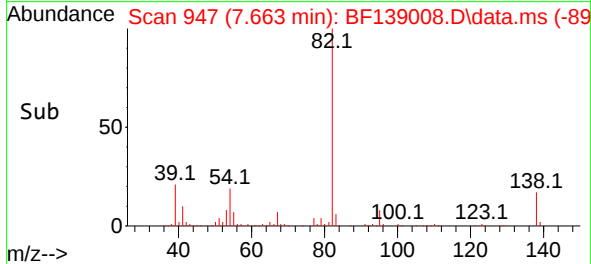
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 82 Resp: 209999
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.7 13.7 20.5

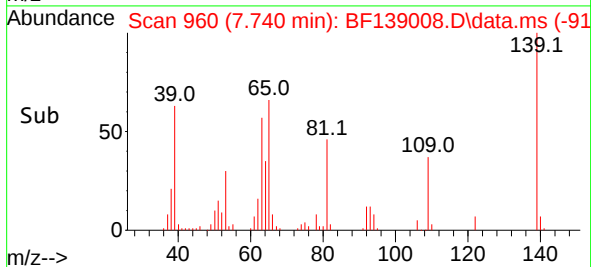
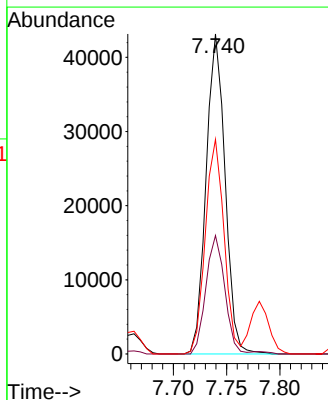
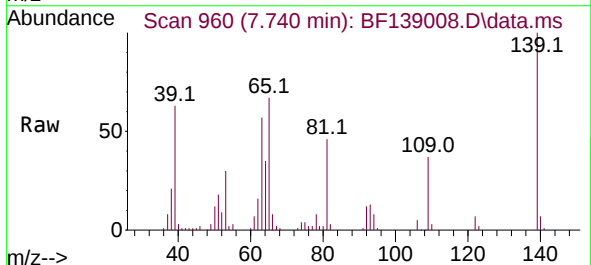
Manual Integrations
APPROVED

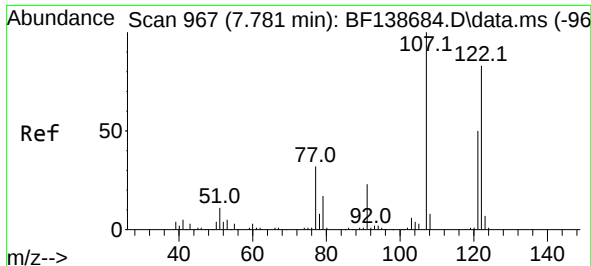
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 58.719 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

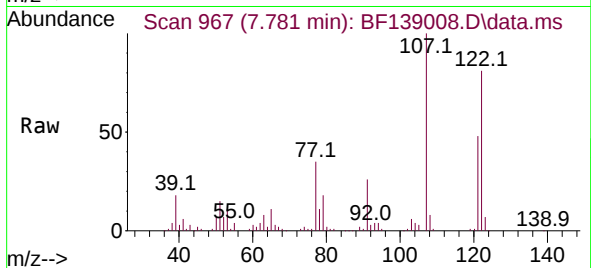
Tgt Ion:139 Resp: 53482
Ion Ratio Lower Upper
139 100
109 37.0 25.9 38.9
65 67.0 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 60.015 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

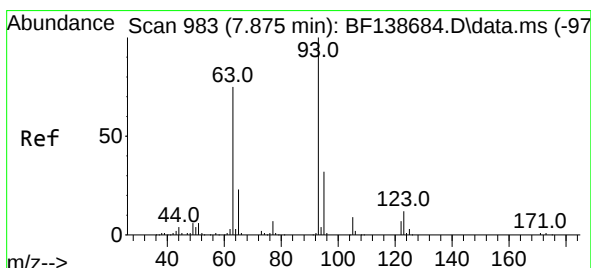
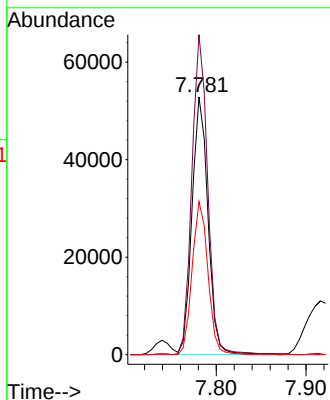
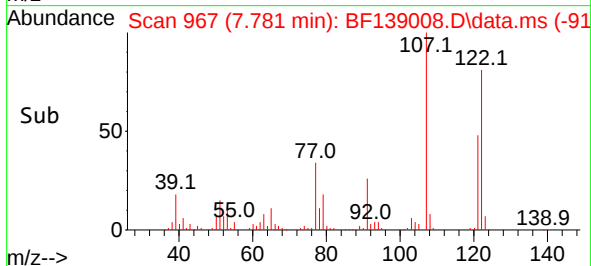
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:122 Resp: 65402
Ion Ratio Lower Upper
122 100
107 124.2 95.0 142.6
121 59.4 47.3 70.9

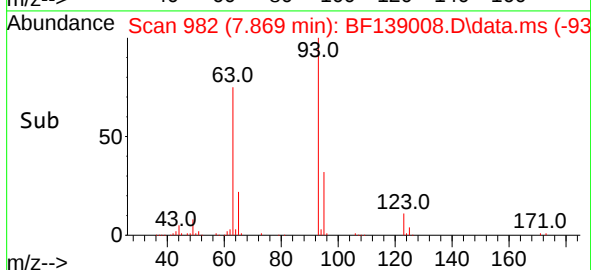
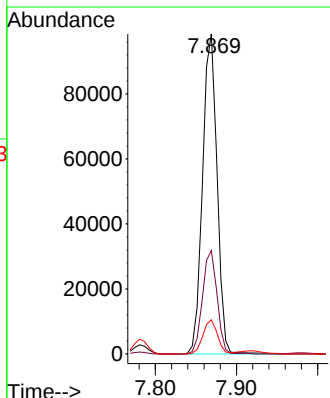
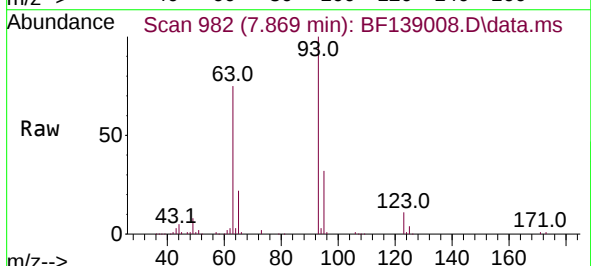
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 56.286 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

Tgt Ion: 93 Resp: 121768
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.184 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

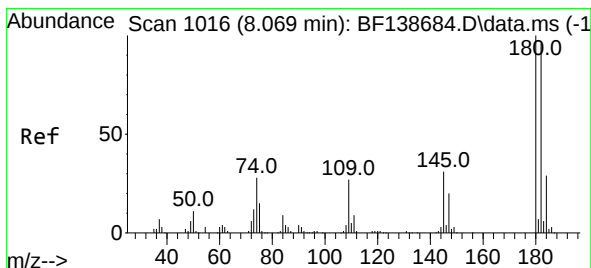
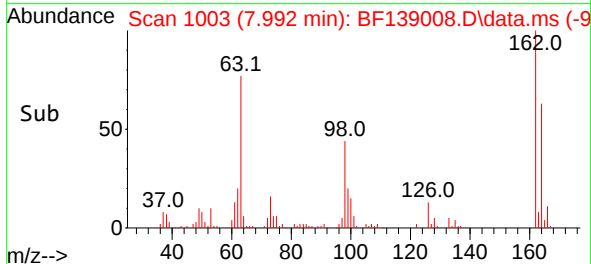
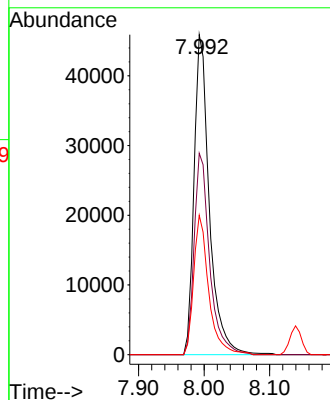
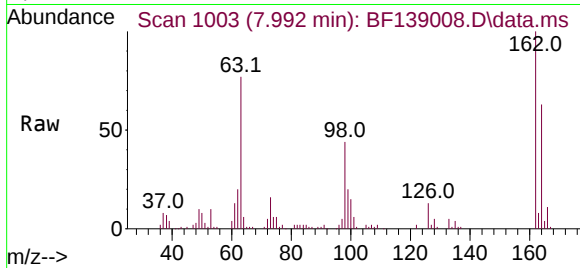
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion:	162	Resp:	7447
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.7	84.7
98	43.6	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 55.493 ng

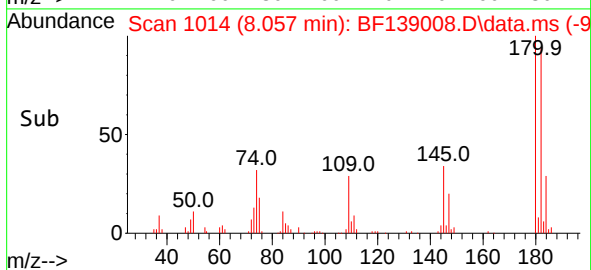
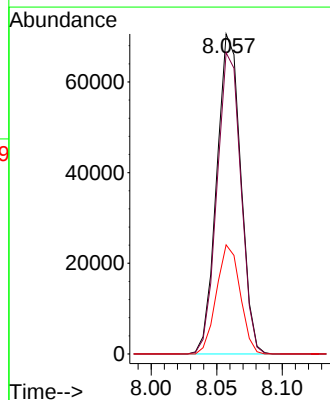
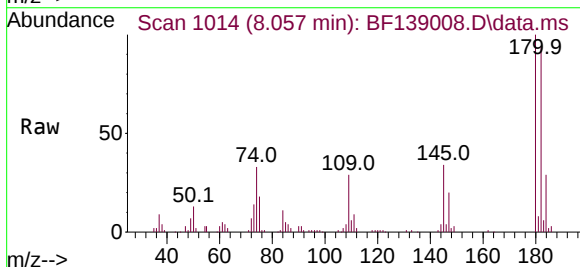
RT: 8.057 min Scan# 1014

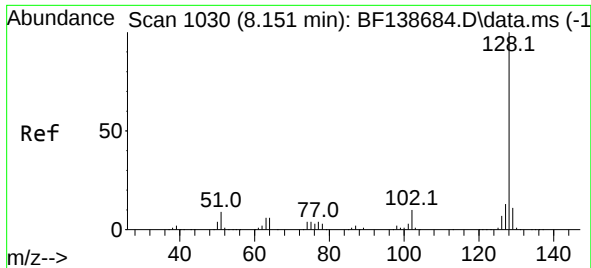
Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

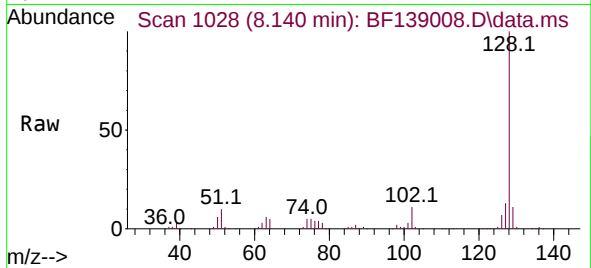
Tgt Ion:	180	Resp:	89677
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.9	115.3
145	34.1	25.0	37.4





#31
Naphthalene
Concen: 54.523 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

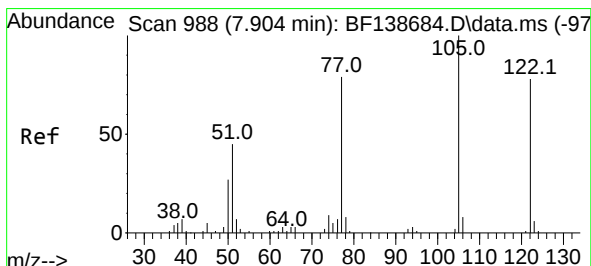
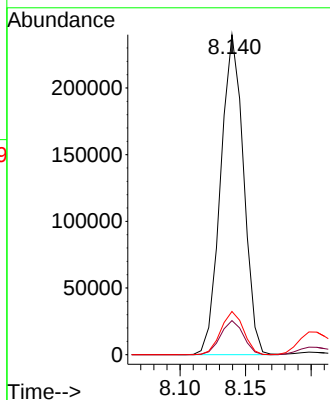
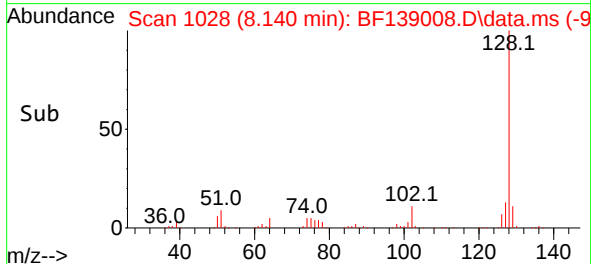
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:128 Resp: 29192
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.5 10.6 16.0

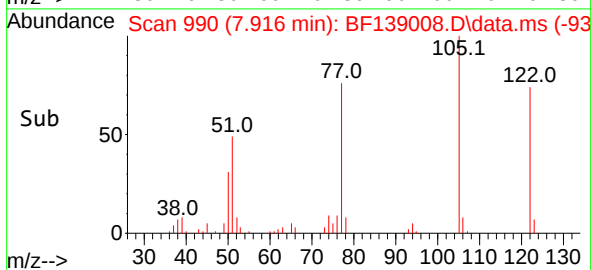
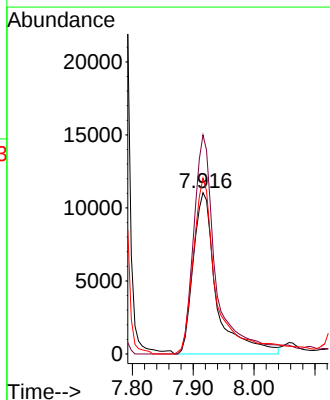
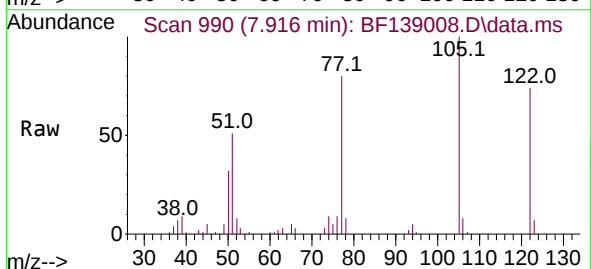
Manual Integrations
APPROVED

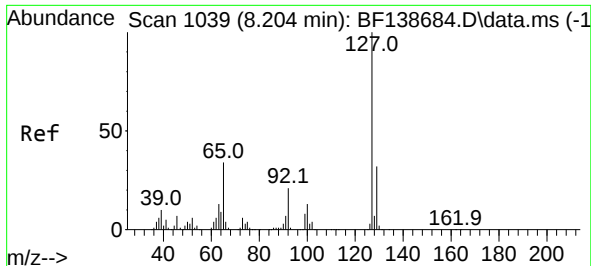
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 34.182 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

Tgt Ion:122 Resp: 29281
Ion Ratio Lower Upper
122 100
105 135.9 106.7 146.7
77 109.1 81.1 121.1





#33

4-Chloroaniline

Concen: 20.586 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

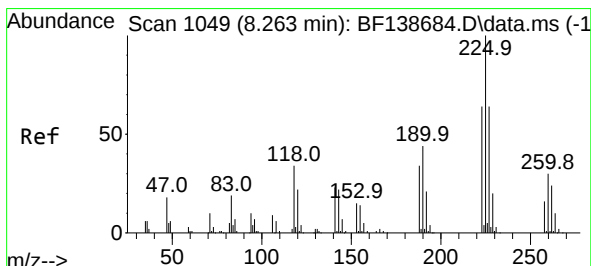
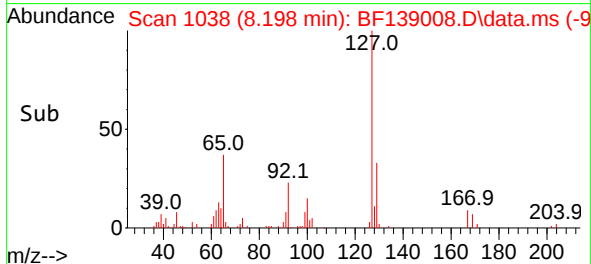
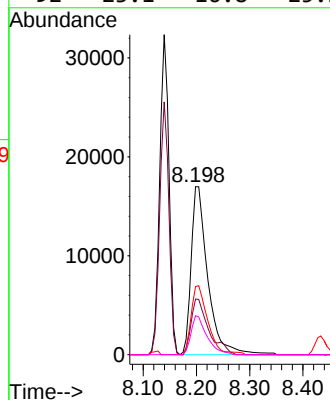
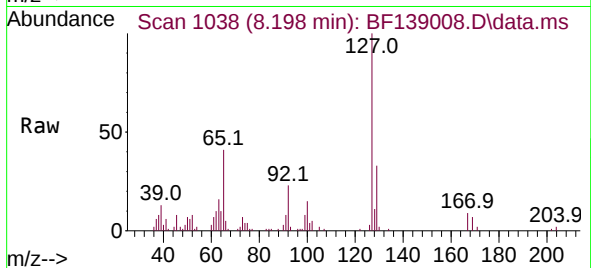
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	40.6	27.6	41.4
92	23.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#34

Hexachlorobutadiene

Concen: 60.142 ng

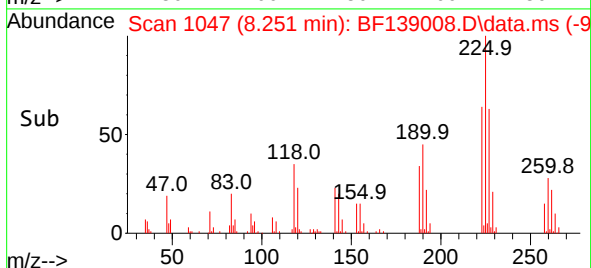
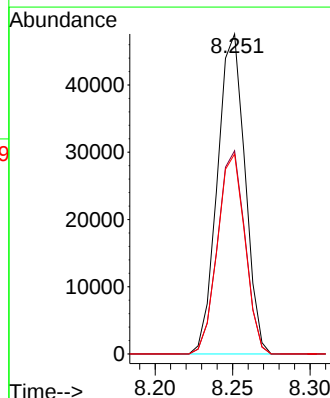
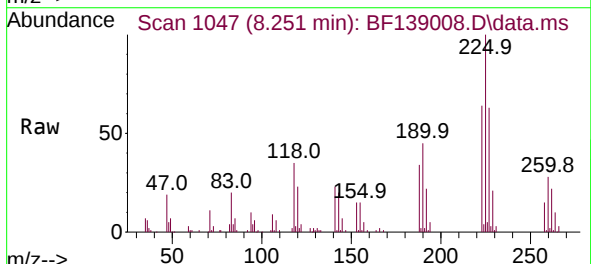
RT: 8.251 min Scan# 1047

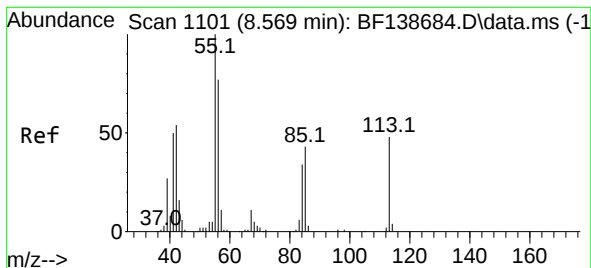
Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.2	76.8
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 50.776 ng m

RT: 8.557 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

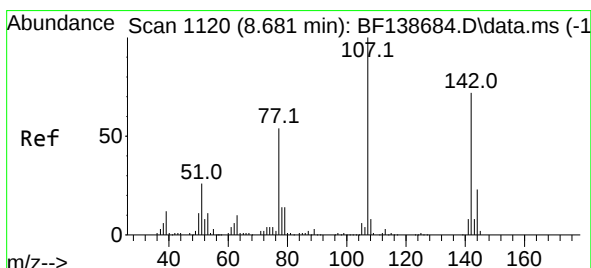
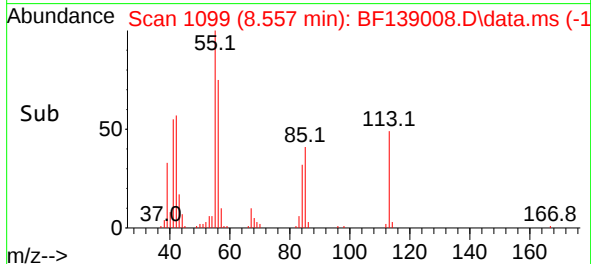
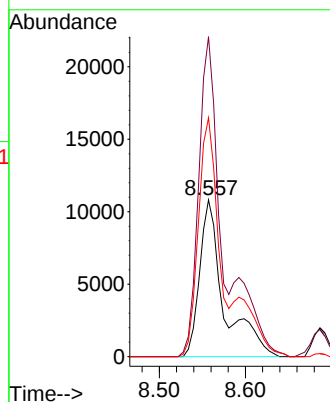
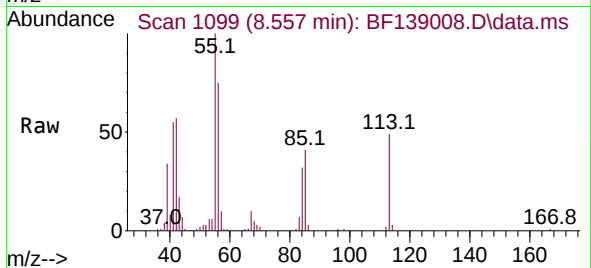
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion:	113	Resp:	21210
Ion	Ratio	Lower	Upper
113	100		
55	204.1	186.7	226.7
56	152.4	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#36

4-Chloro-3-methylphenol

Concen: 49.096 ng

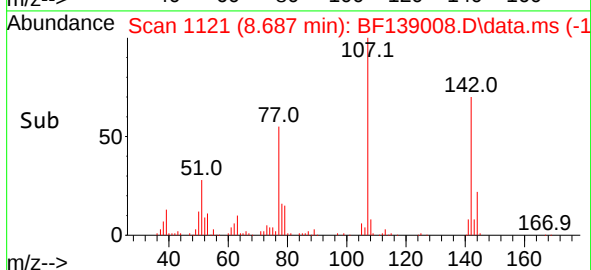
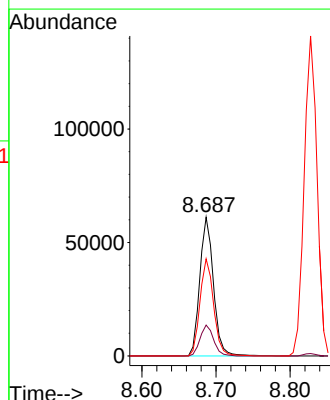
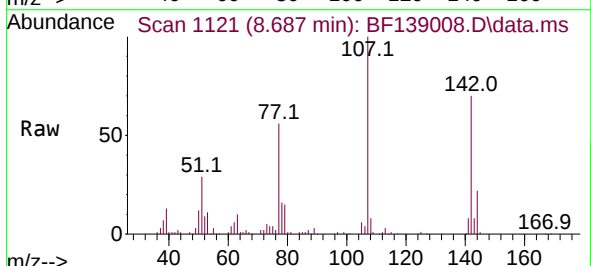
RT: 8.687 min Scan# 1121

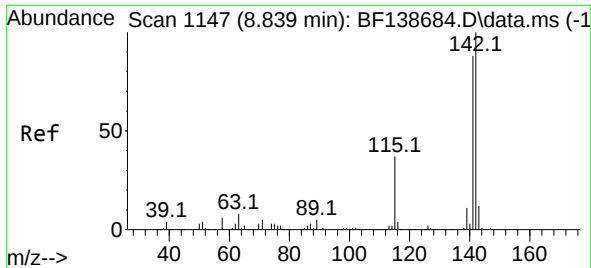
Delta R.T. 0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Tgt Ion:	107	Resp:	78571
Ion	Ratio	Lower	Upper
107	100		
144	22.2	18.2	27.2
142	70.0	57.4	86.2





#37

2-Methylnaphthalene

Concen: 50.308 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MS

Tgt Ion:142 Resp: 170110

Ion Ratio Lower Upper

142 100

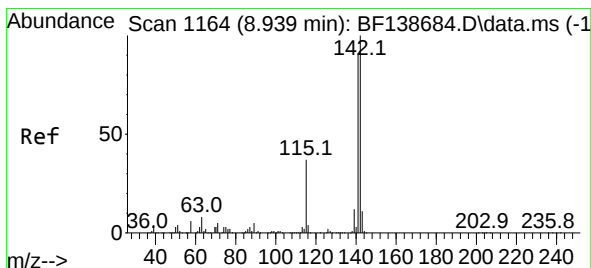
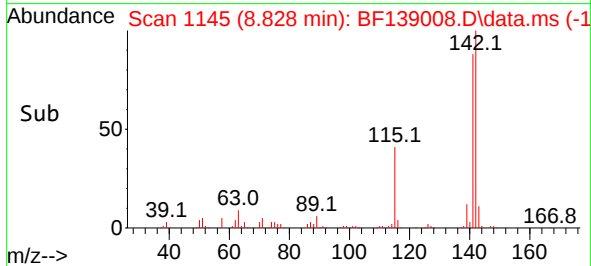
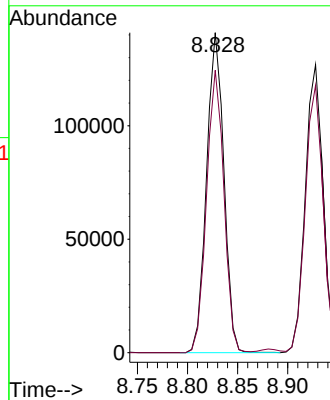
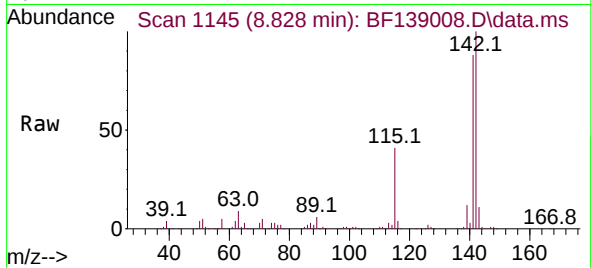
141 88.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#38

1-Methylnaphthalene

Concen: 46.819 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139008.D

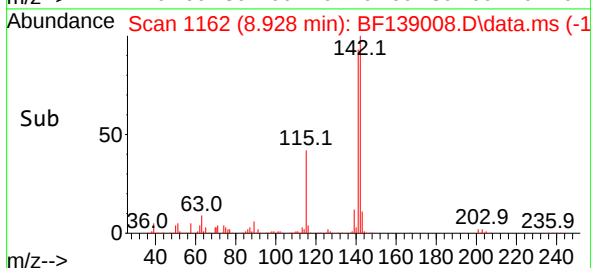
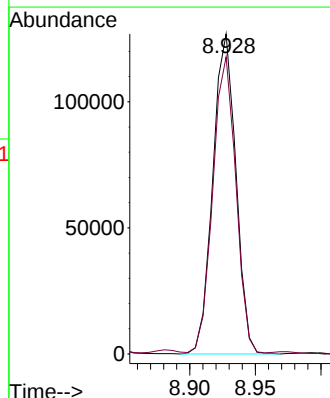
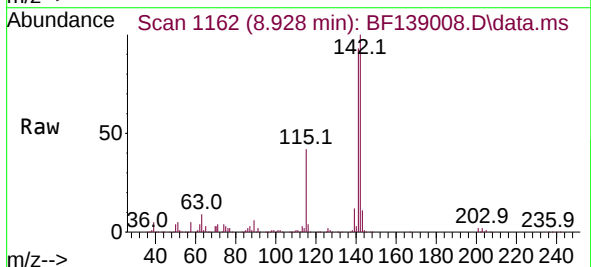
Acq: 14 Aug 2024 22:17

Tgt Ion:142 Resp: 155131

Ion Ratio Lower Upper

142 100

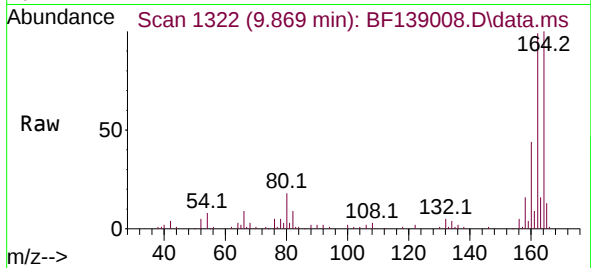
141 92.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

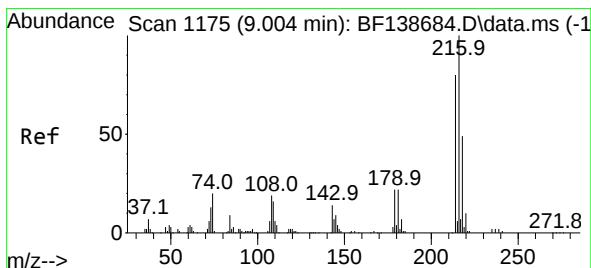
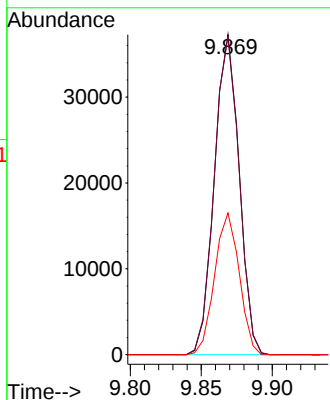
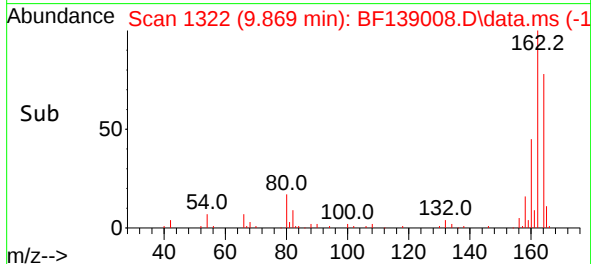
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



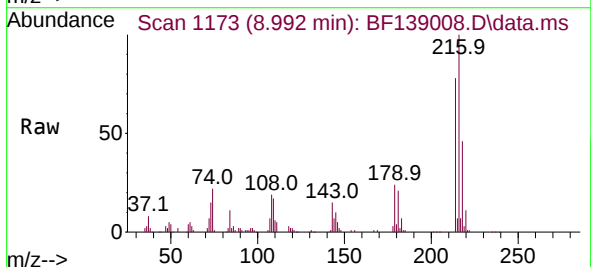
Tgt Ion:164 Resp: 4506
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.3 35.1 52.7

Manual Integrations
APPROVED

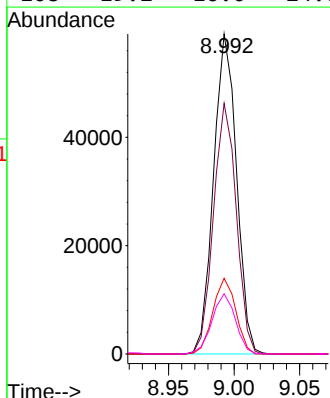
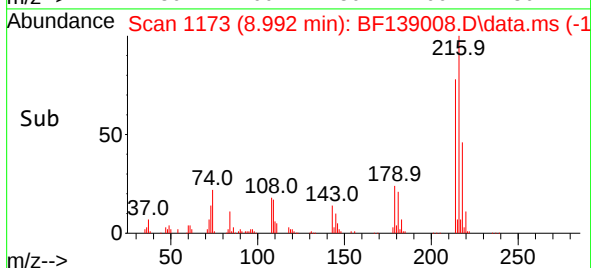
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.375 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



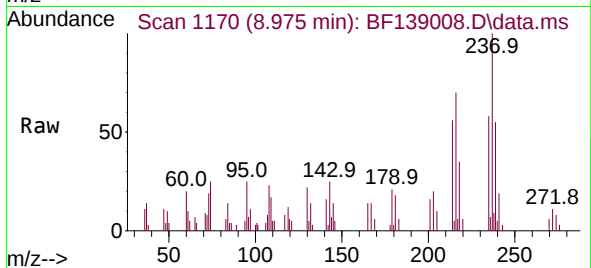
Tgt Ion:216 Resp: 71819
Ion Ratio Lower Upper
216 100
214 77.7 63.9 95.9
179 23.5 17.8 26.6
108 19.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 24.857 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

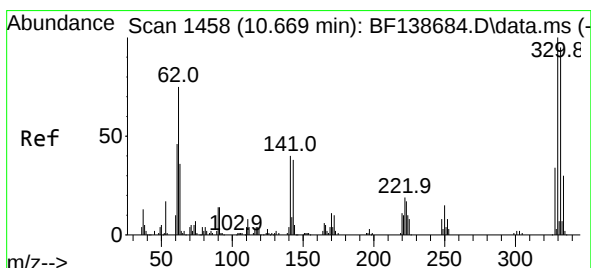
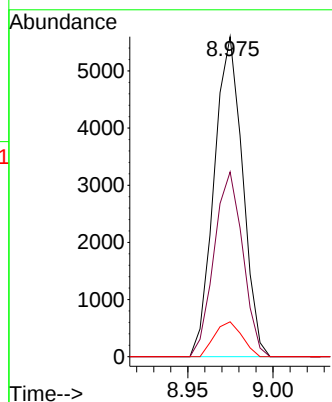
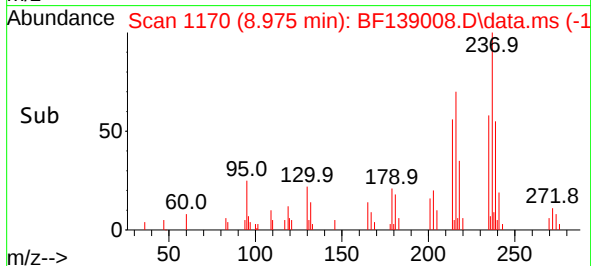
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



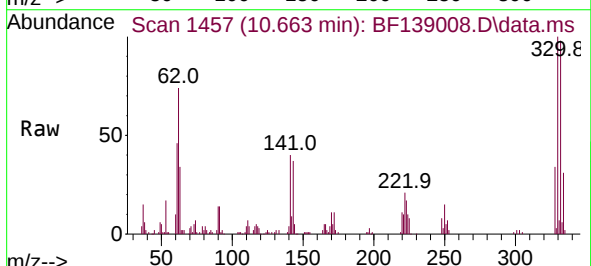
Tgt Ion: 237 Resp: 649
Ion Ratio Lower Upper
237 100
235 57.8 41.8 81.8
272 10.9 0.0 32.2

Manual Integrations
APPROVED

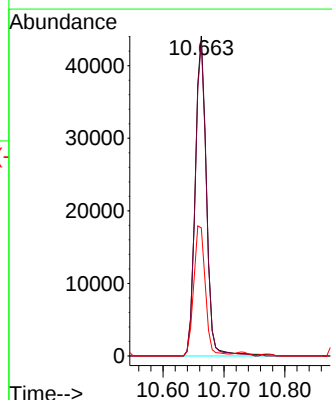
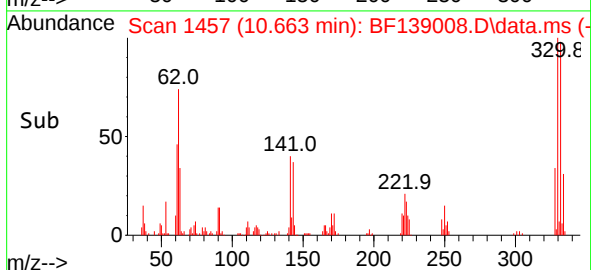
Reviewed By : Jagrut Upadhyay 08/15/2024
Supervised By : mohammad ahmed 08/16/2024

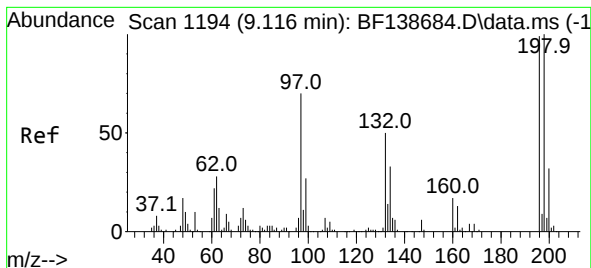


#42
2,4,6-Tribromophenol
Concen: 152.827 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



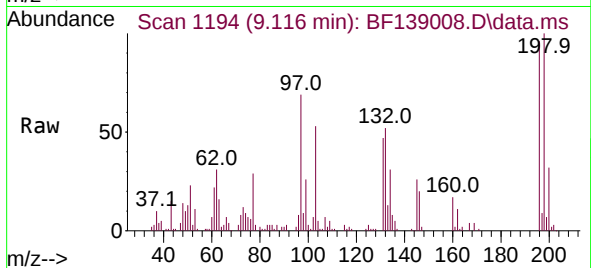
Tgt Ion: 330 Resp: 56410
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 42.3 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 56.483 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

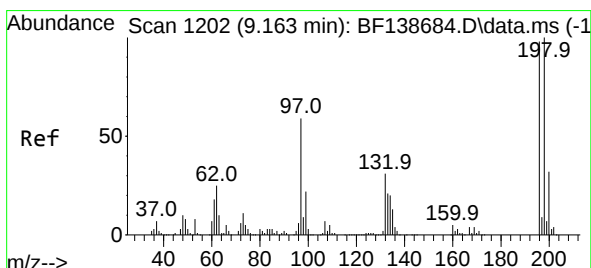
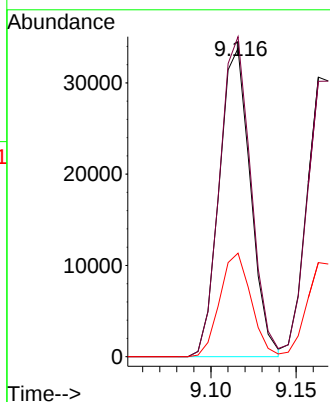
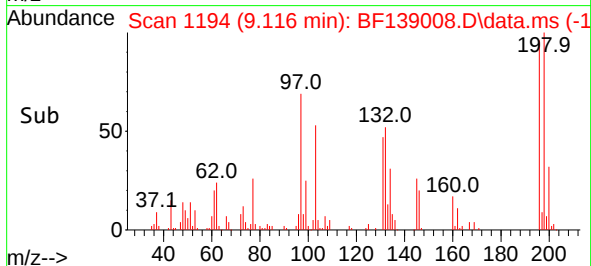
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



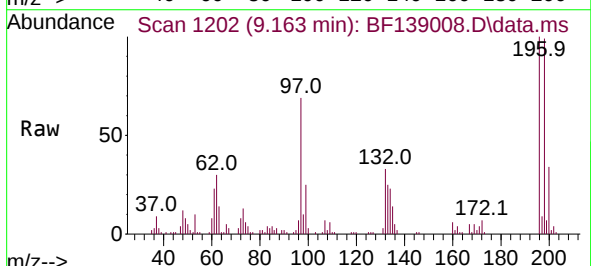
Tgt Ion:196 Resp: 43108
Ion Ratio Lower Upper
196 100
198 103.8 80.5 120.7
200 33.6 25.9 38.9

Manual Integrations
APPROVED

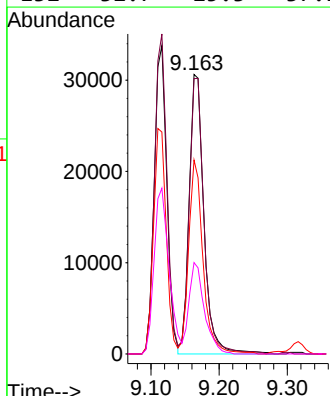
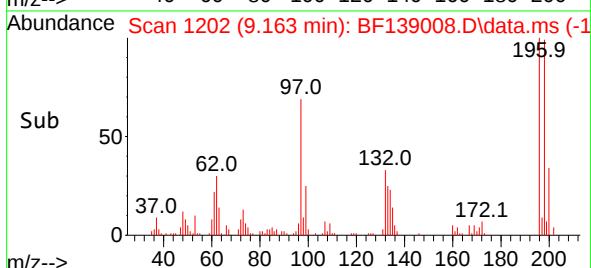
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

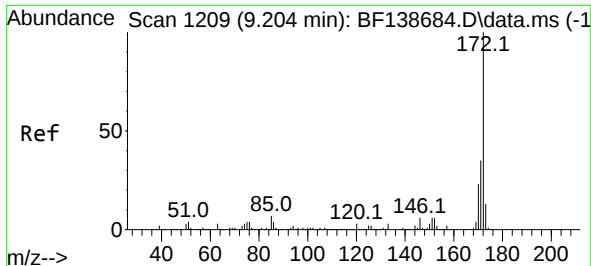


#44
2,4,5-Trichlorophenol
Concen: 54.976 ng
RT: 9.163 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



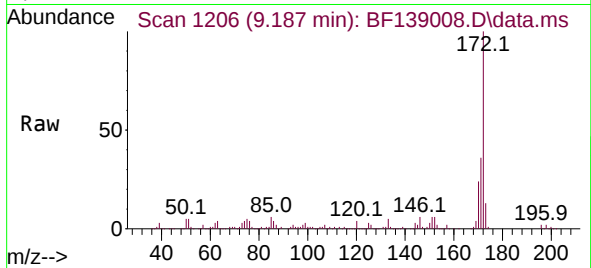
Tgt Ion:196 Resp: 45869
Ion Ratio Lower Upper
196 100
198 98.5 81.2 121.8
97 69.4 47.8 71.6
132 32.7 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 85.103 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

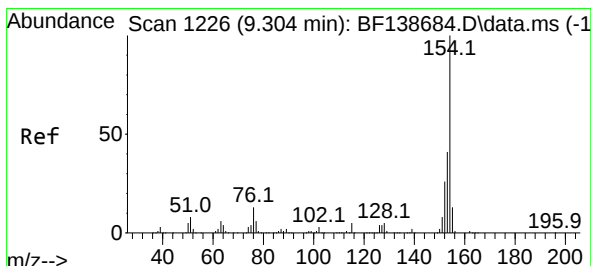
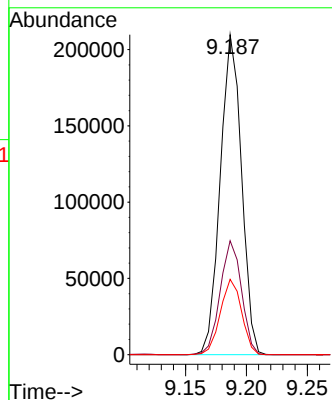
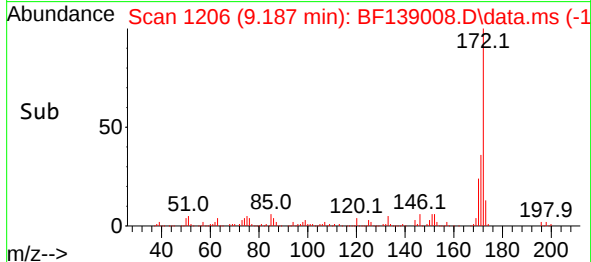
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



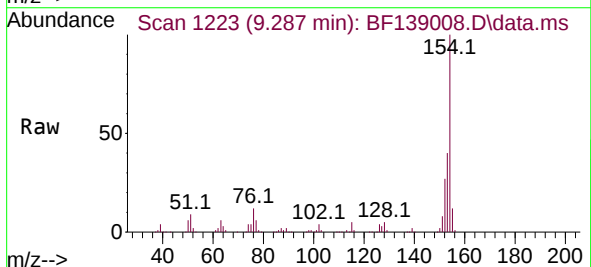
Tgt Ion:172 Resp: 25523
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

Manual Integrations
APPROVED

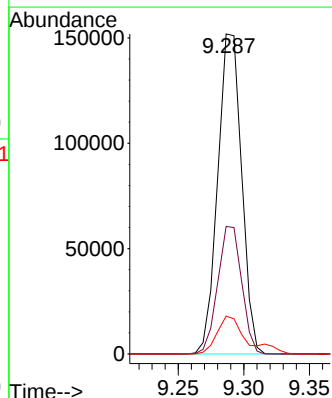
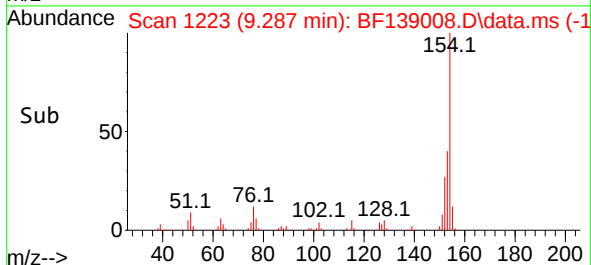
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 54.484 ng
RT: 9.287 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



Tgt Ion:154 Resp: 192279
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 11.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 56.046 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

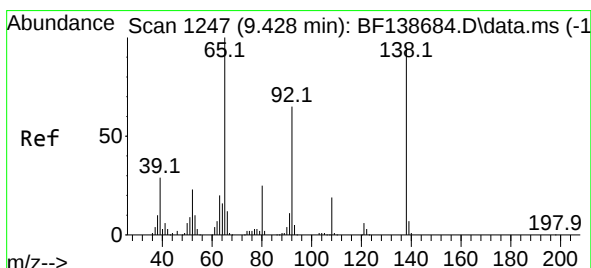
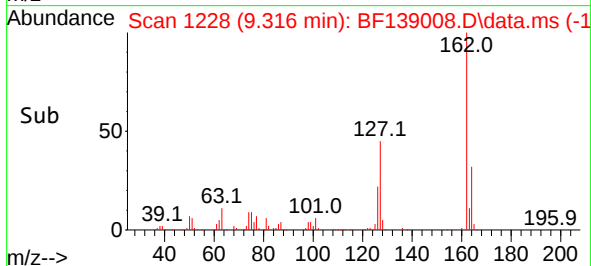
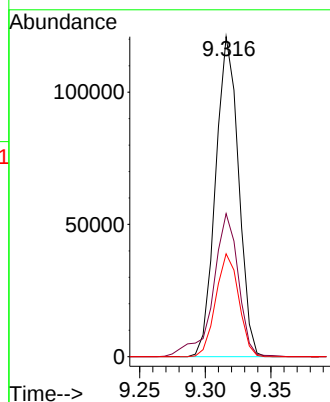
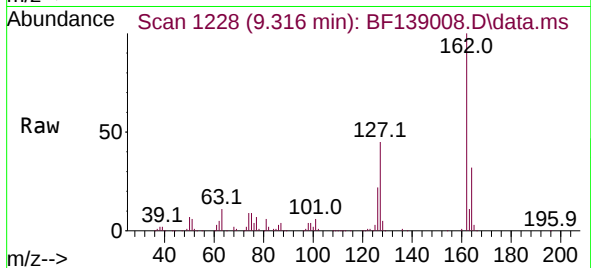
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion:162 Resp: 147104
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.4 53.2
 164 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#48

2-Nitroaniline

Concen: 61.932 ng

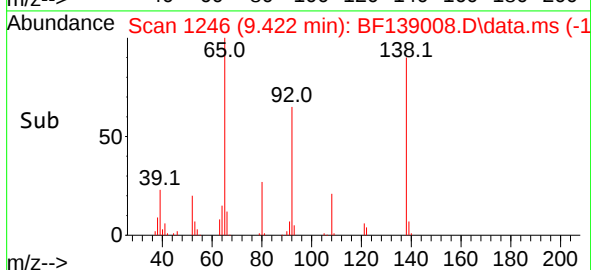
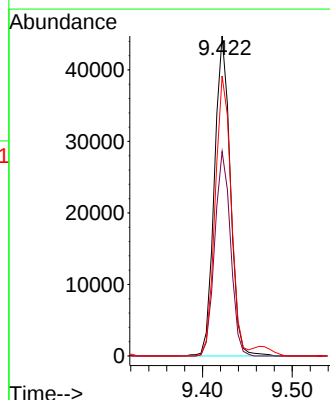
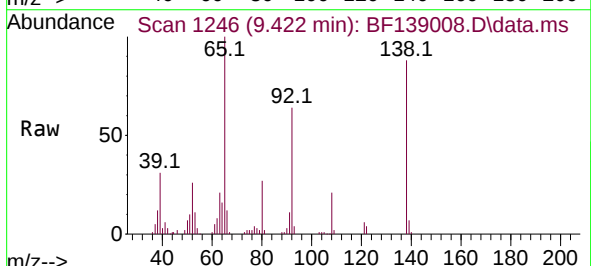
RT: 9.422 min Scan# 1246

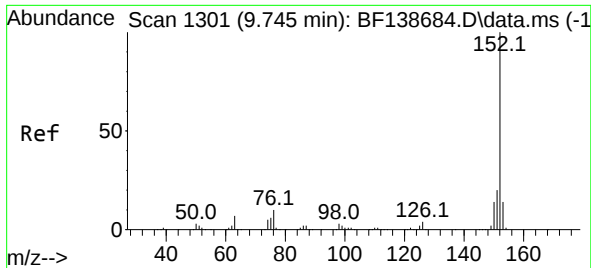
Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

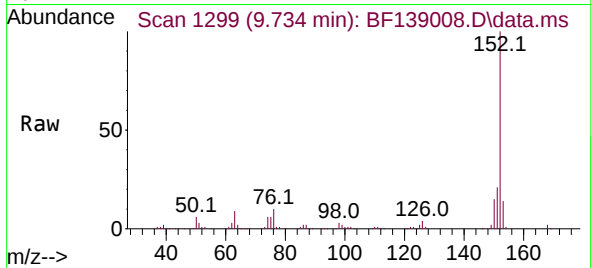
Tgt Ion: 65 Resp: 55108
 Ion Ratio Lower Upper
 65 100
 92 63.9 52.0 78.0
 138 87.5 76.2 114.4





#49
Acenaphthylene
Concen: 60.849 ng
RT: 9.734 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

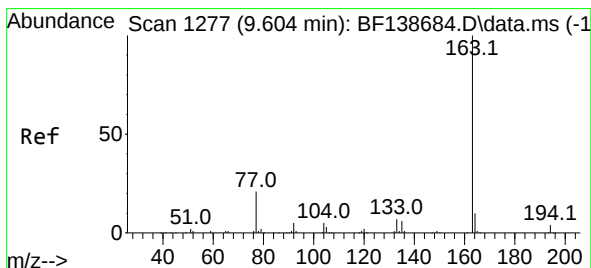
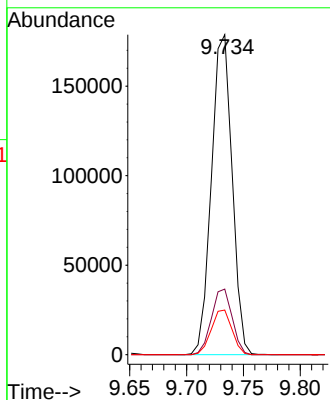
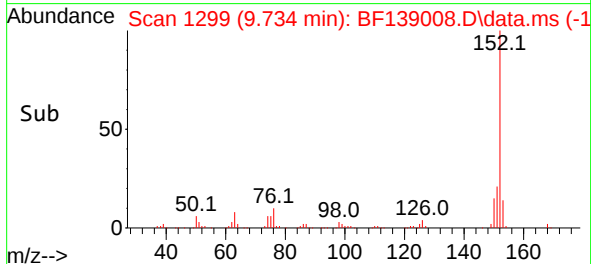
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



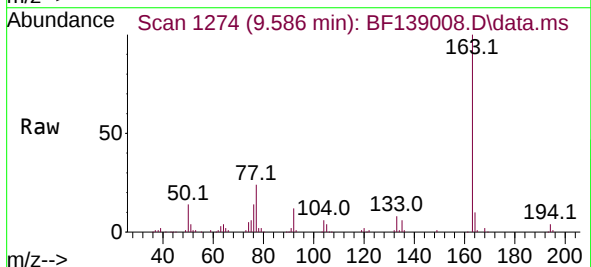
Tgt Ion:152 Resp: 226510
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations
APPROVED

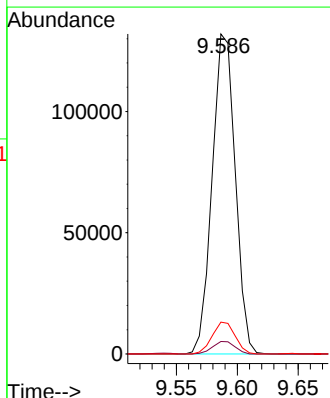
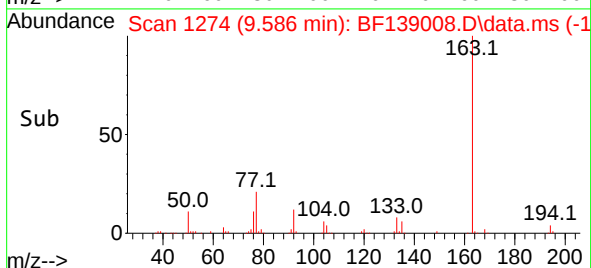
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

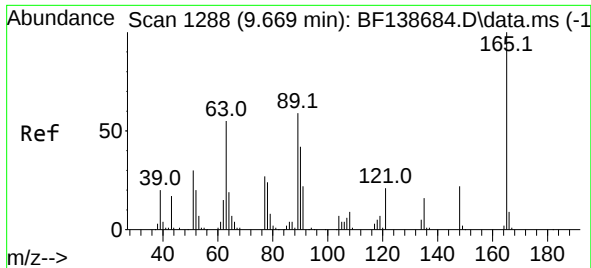


#50
Dimethylphthalate
Concen: 60.476 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



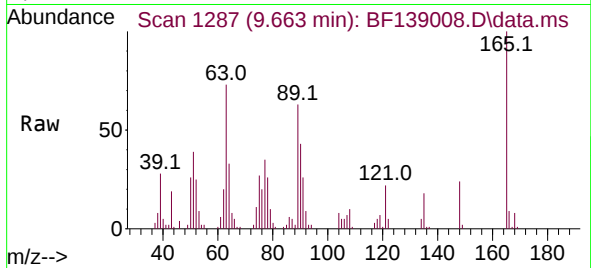
Tgt Ion:163 Resp: 174247
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 55.427 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

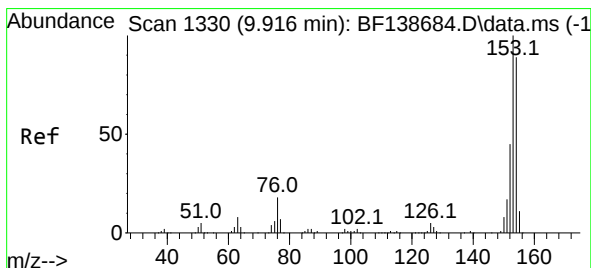
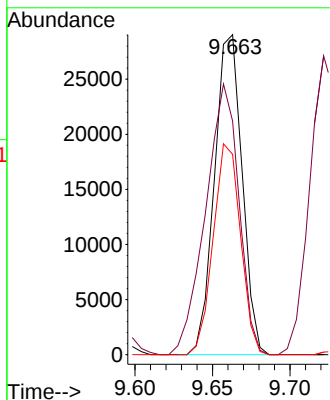
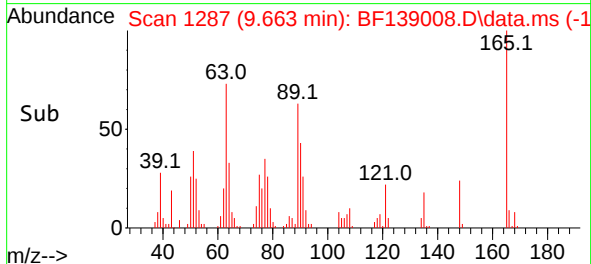
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:165 Resp: 3604
Ion Ratio Lower Upper
165 100
63 73.0 52.0 78.0
89 62.6 47.0 70.6

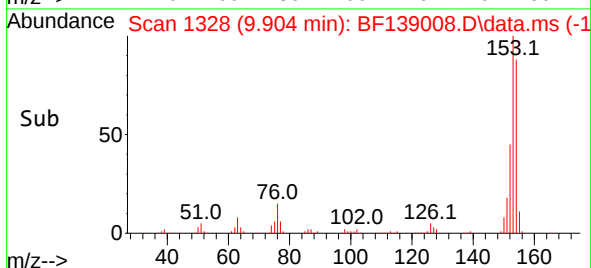
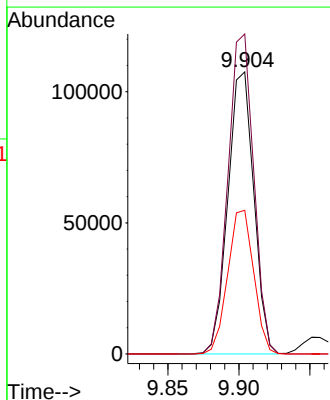
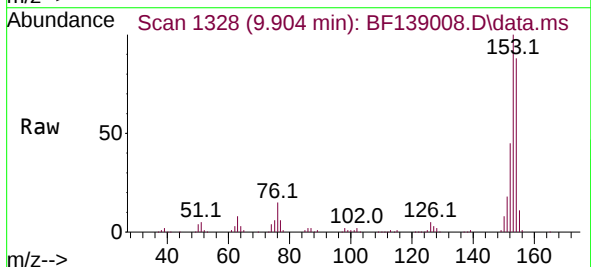
Manual Integrations
APPROVED

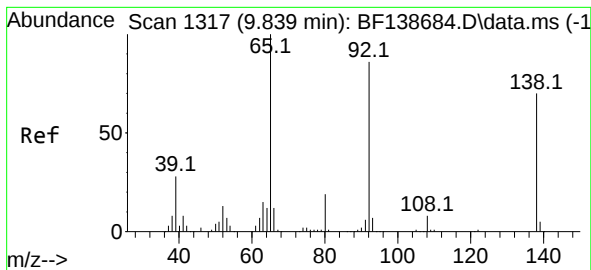
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 54.754 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

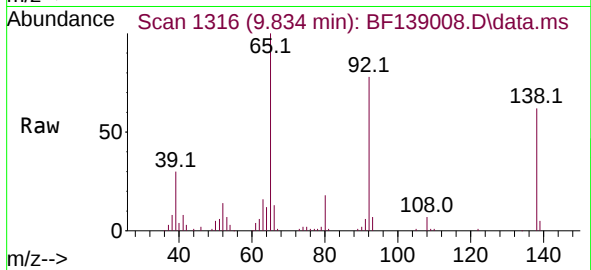
Tgt Ion:154 Resp: 137018
Ion Ratio Lower Upper
154 100
153 113.4 89.9 134.9
152 51.0 40.6 60.8





#53
3-Nitroaniline
Concen: 44.974 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

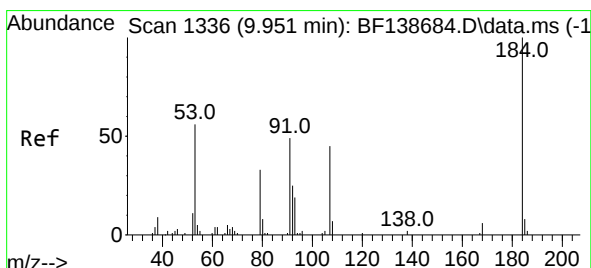
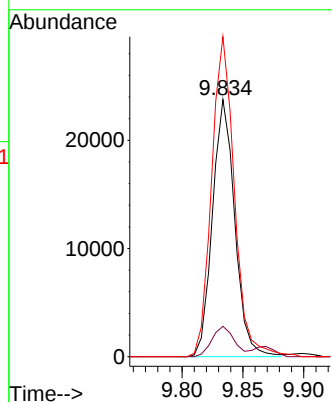
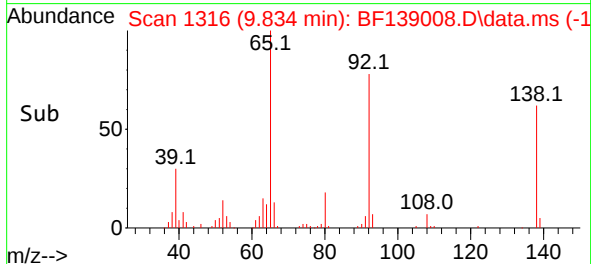
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:138 Resp: 3023
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 124.4 98.7 148.1

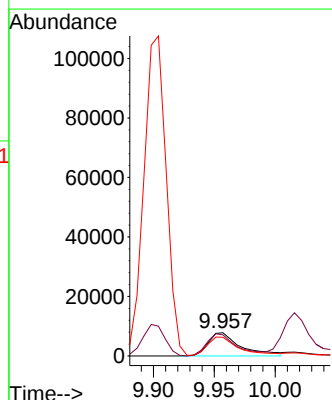
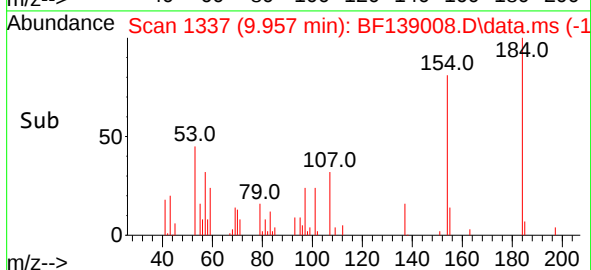
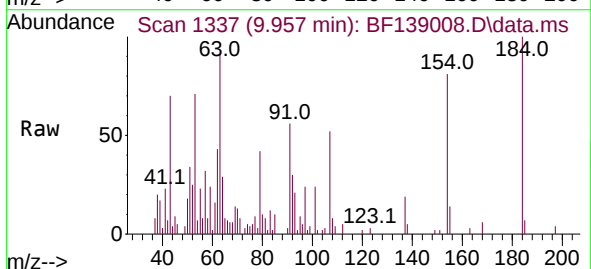
Manual Integrations
APPROVED

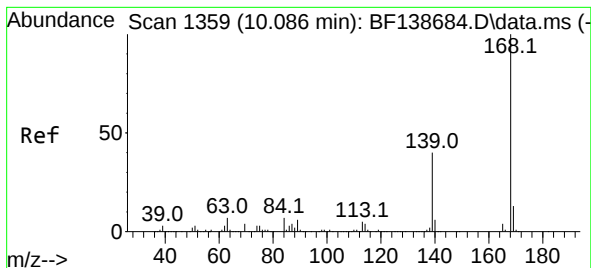
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 48.311 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

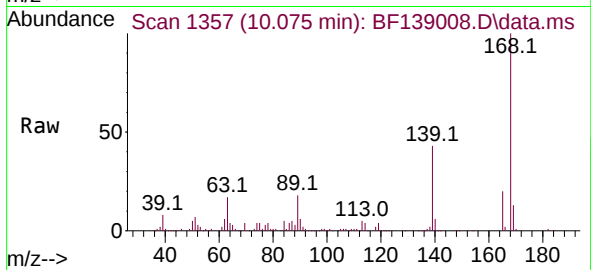
Tgt Ion:184 Resp: 14461
Ion Ratio Lower Upper
184 100
63 90.6 57.5 86.3#
154 80.6 51.7 77.5#





#55
Dibenzenofuran
Concen: 58.604 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

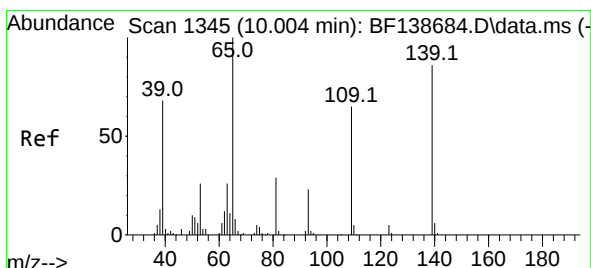
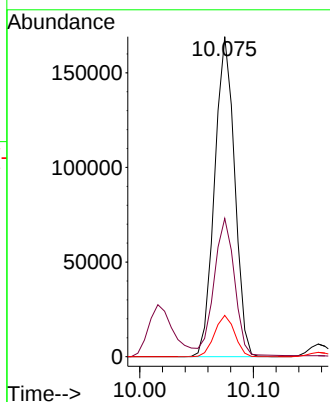
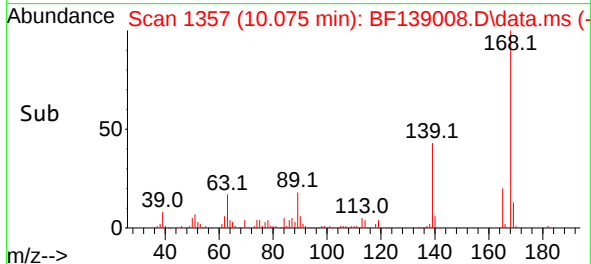
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:168 Resp: 207011
Ion Ratio Lower Upper
168 100
139 43.2 32.6 49.0
169 12.9 10.7 16.1

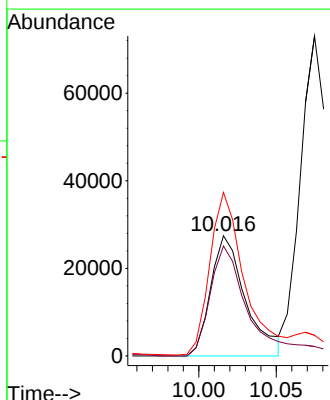
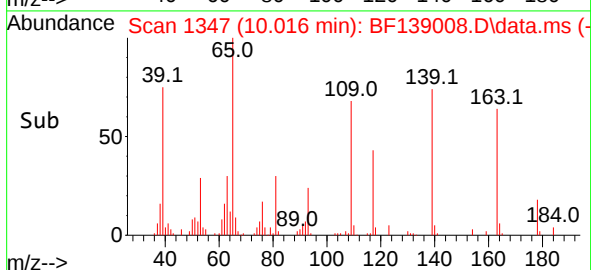
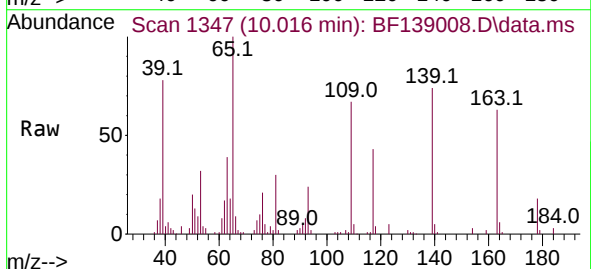
Manual Integrations
APPROVED

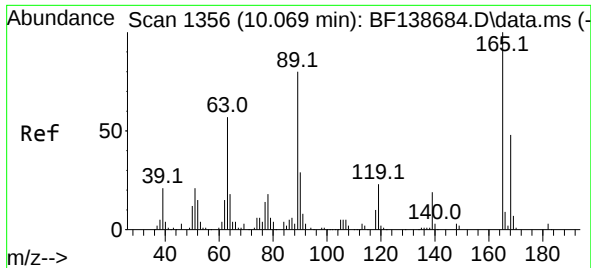
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 106.444 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

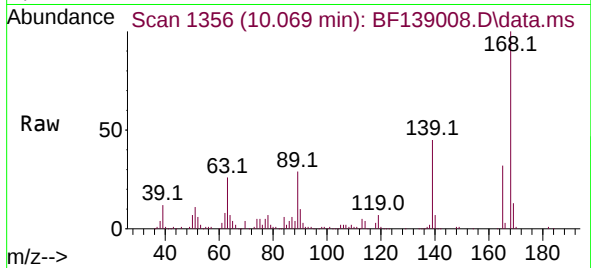
Tgt Ion:139 Resp: 43028
Ion Ratio Lower Upper
139 100
109 91.4 55.5 95.5
65 136.0 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 60.503 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

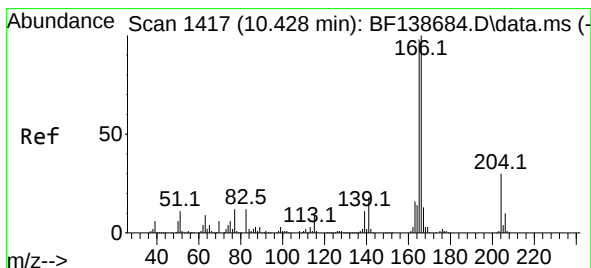
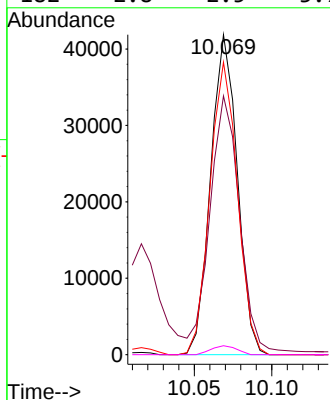
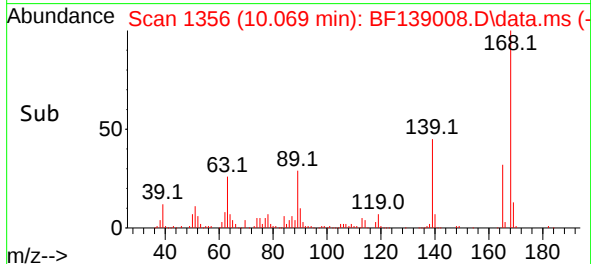
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:165 Resp: 50194
Ion Ratio Lower Upper
165 100
63 80.8 46.3 69.5
89 91.4 64.2 96.4
182 2.8 2.5 3.7

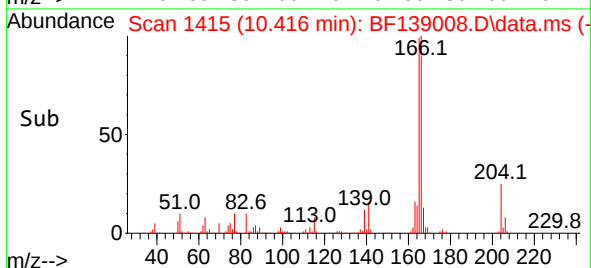
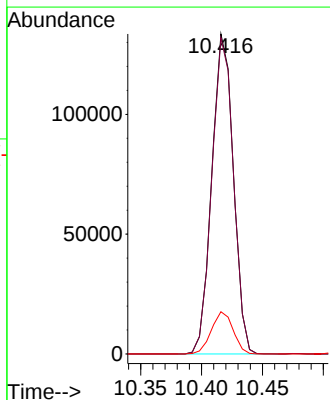
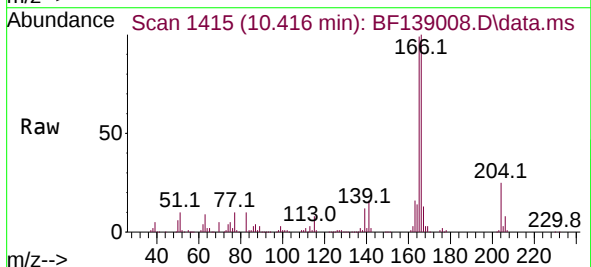
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 58.477 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

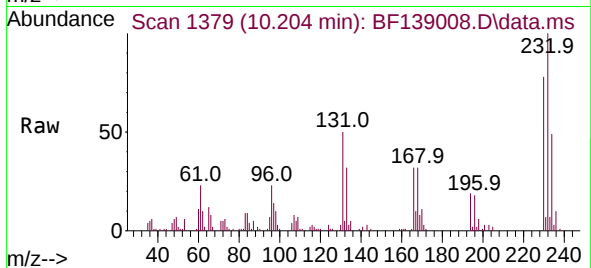
Tgt Ion:166 Resp: 164495
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.938 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

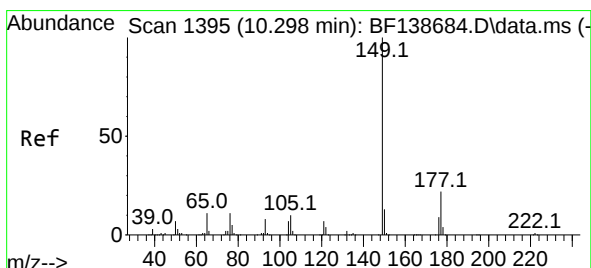
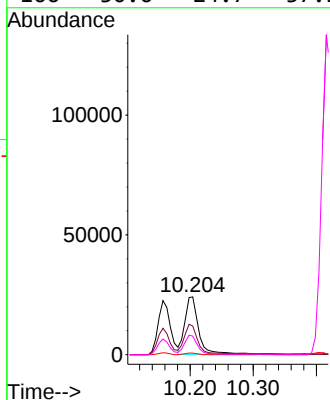
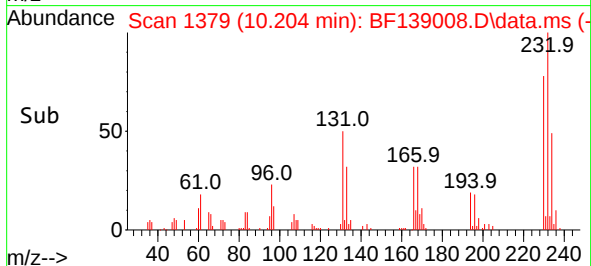
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:232 Resp: 3695
Ion Ratio Lower Upper
232 100
131 51.7 37.0 55.4
130 2.5 2.0 3.0
166 30.6 24.7 37.1

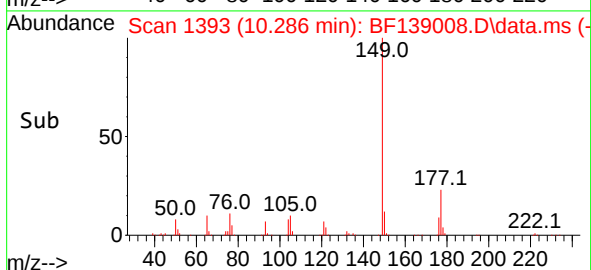
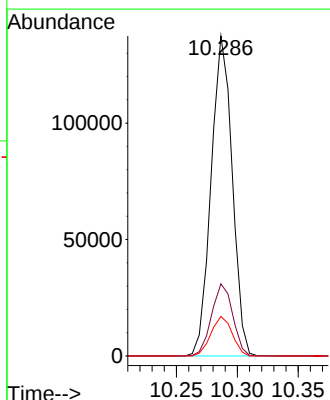
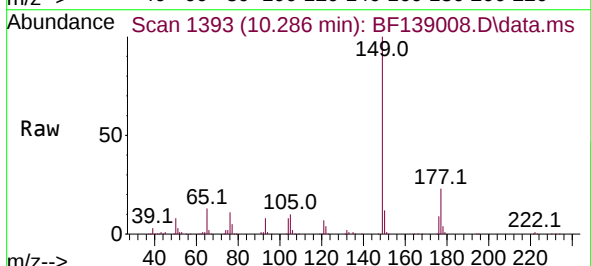
Manual Integrations
APPROVED

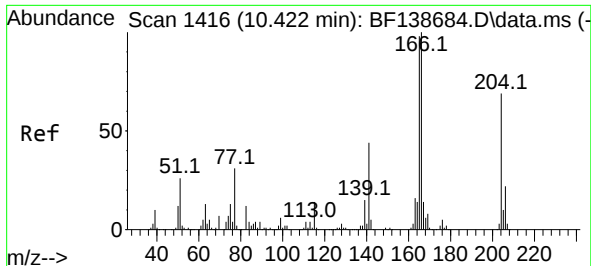
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#60
Diethylphthalate
Concen: 60.712 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

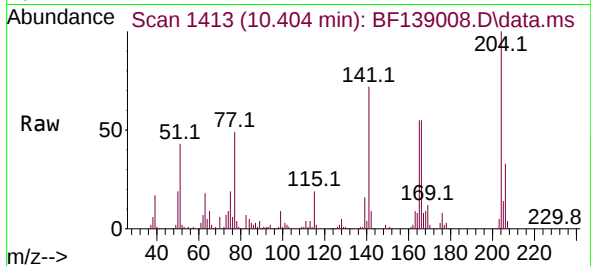
Tgt Ion:149 Resp: 165861
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.628 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

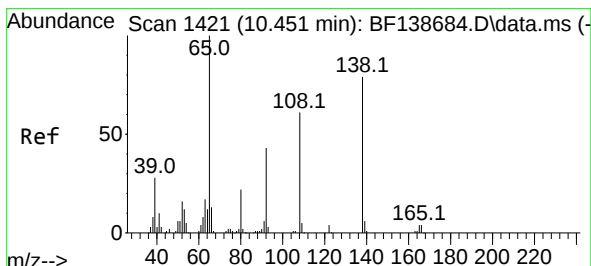
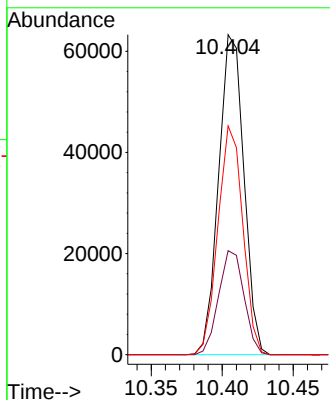
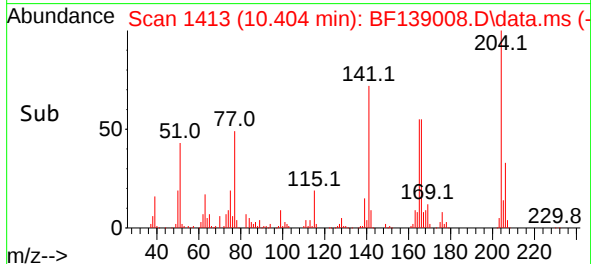
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:204 Resp: 78344
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 71.5 51.4 77.0

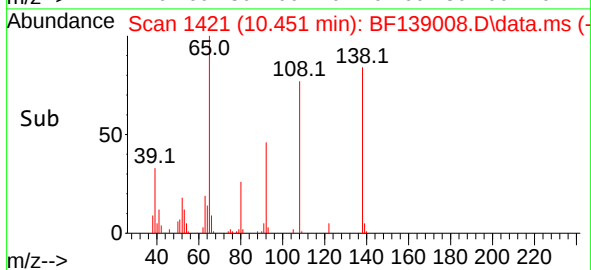
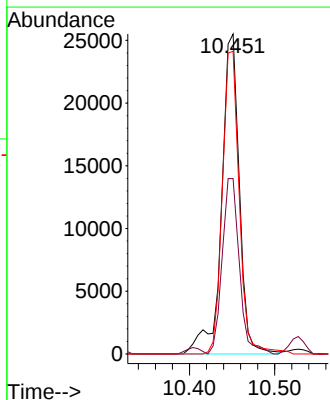
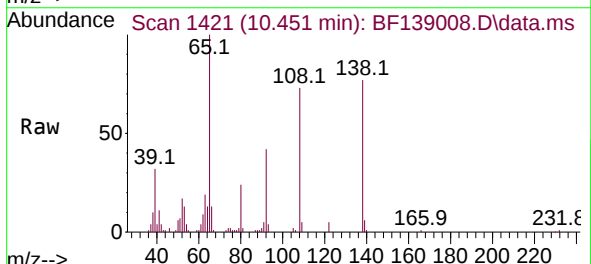
Manual Integrations
APPROVED

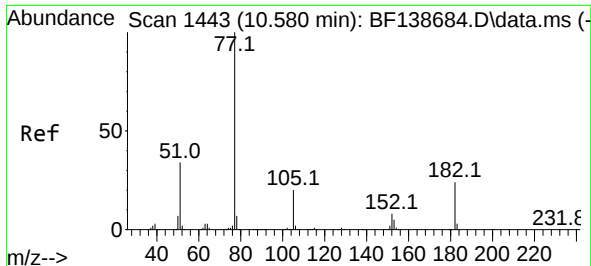
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#62
4-Nitroaniline
Concen: 57.753 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

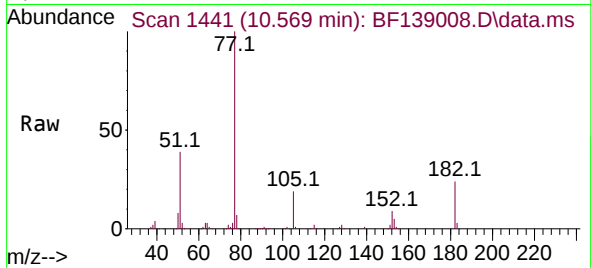
Tgt Ion:138 Resp: 36893
Ion Ratio Lower Upper
138 100
92 54.8 34.2 74.2
108 94.6 56.2 96.2





#63
Azobenzene
Concen: 57.856 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

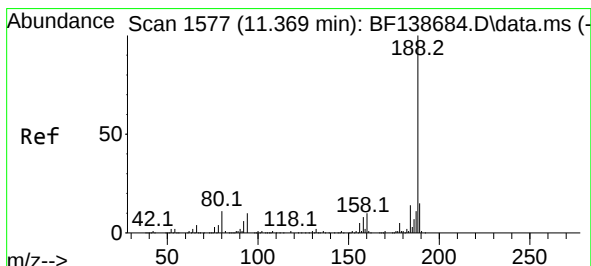
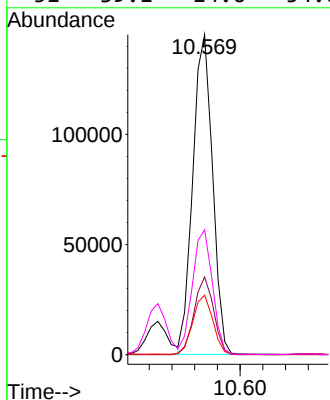
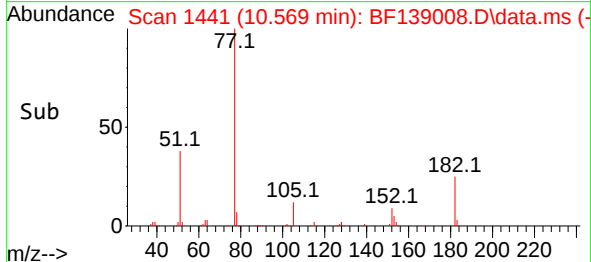
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 77 Resp: 17530
Ion Ratio Lower Upper
77 100
182 24.3 3.4 43.4
105 18.6 0.2 40.2
51 39.1 14.6 54.6

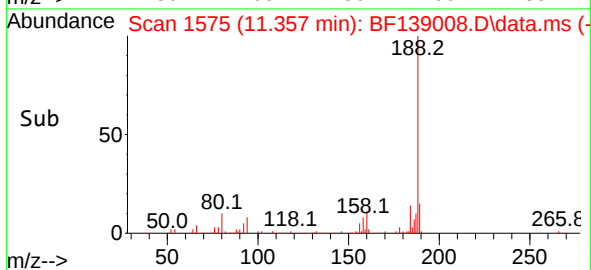
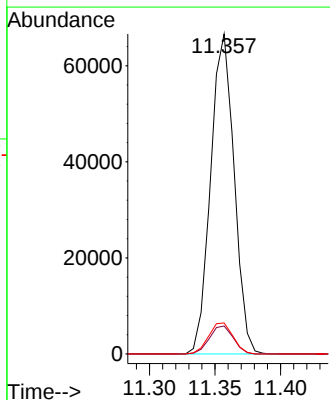
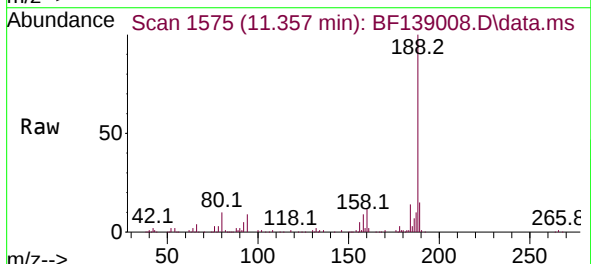
Manual Integrations
APPROVED

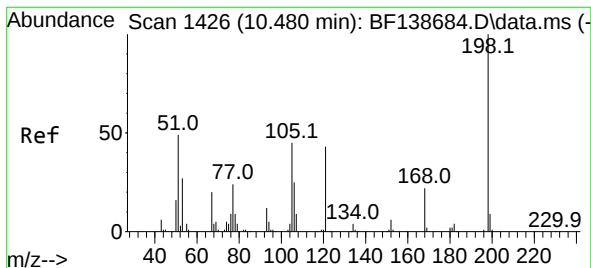
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

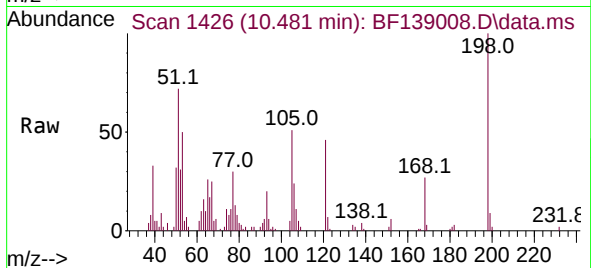
Tgt Ion:188 Resp: 82982
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 30.990 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

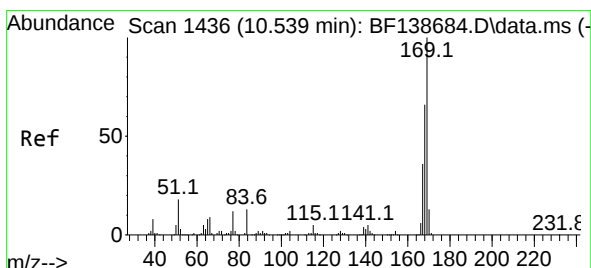
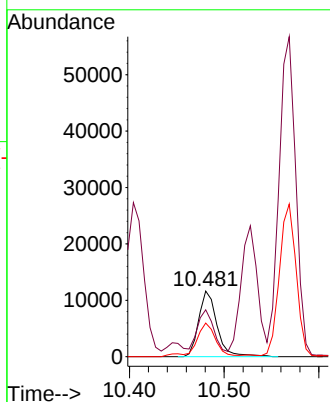
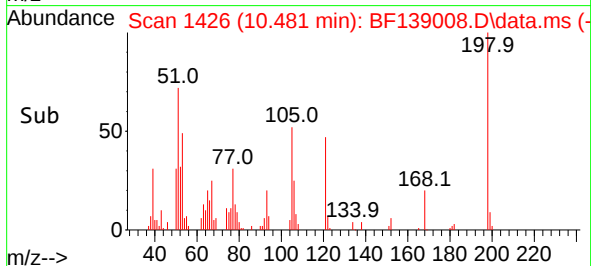
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



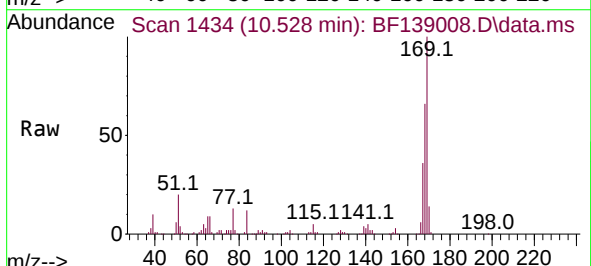
Tgt Ion:198 Resp: 15689
Ion Ratio Lower Upper
198 100
51 71.6 39.9 79.9
105 51.2 26.1 66.1

Manual Integrations
APPROVED

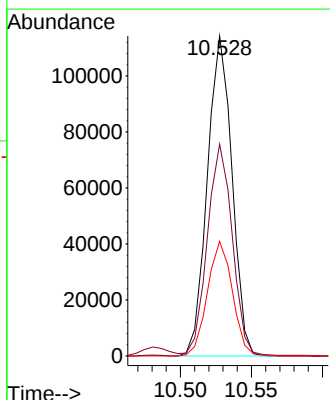
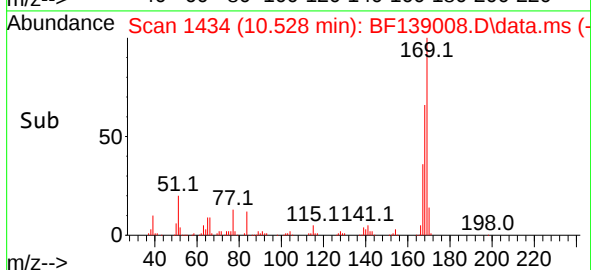
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 53.173 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



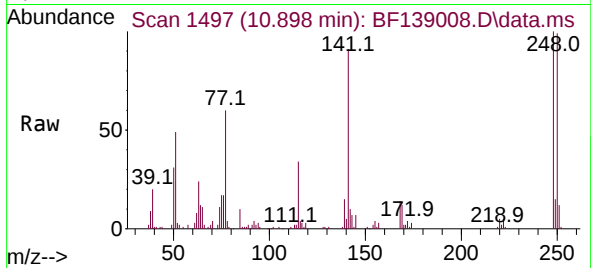
Tgt Ion:169 Resp: 137922
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.391 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

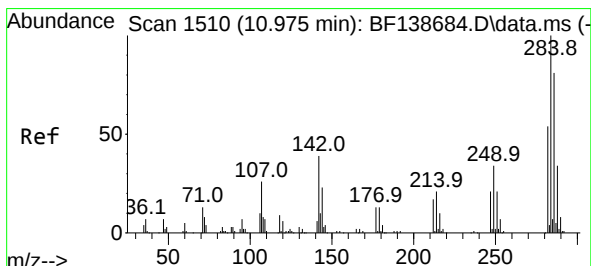
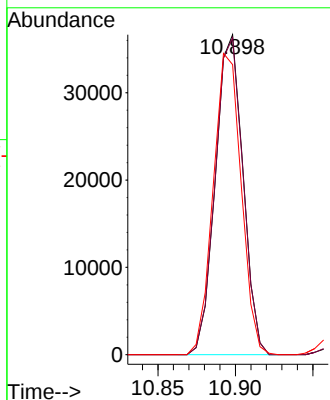
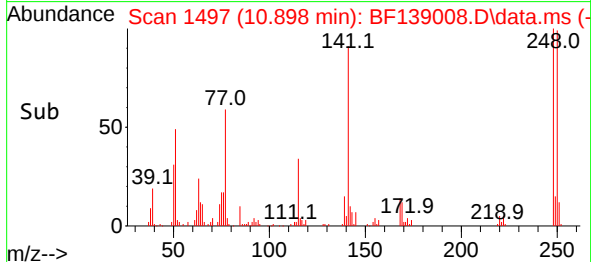
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:248 Resp: 4527
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 90.6 68.0 102.0

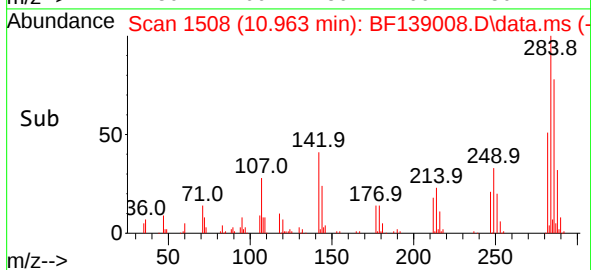
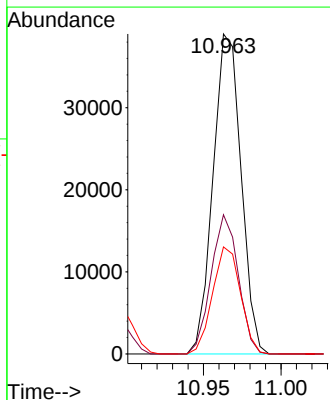
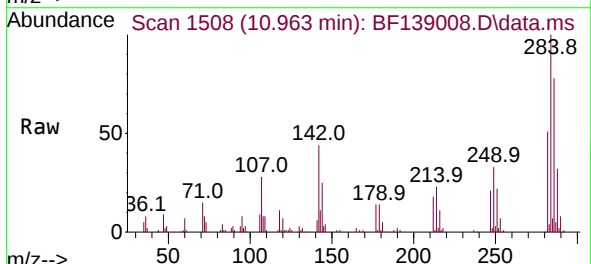
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#68
Hexachlorobenzene
Concen: 52.841 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

Tgt Ion:284 Resp: 49018
Ion Ratio Lower Upper
284 100
142 43.5 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 66.258 ng

RT: 11.051 min Scan# 1523

Delta R.T. -0.012 min

Lab File: BF139008.D

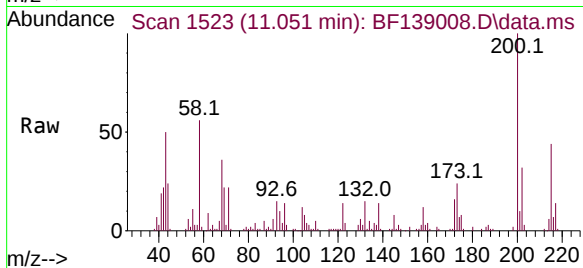
Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MS

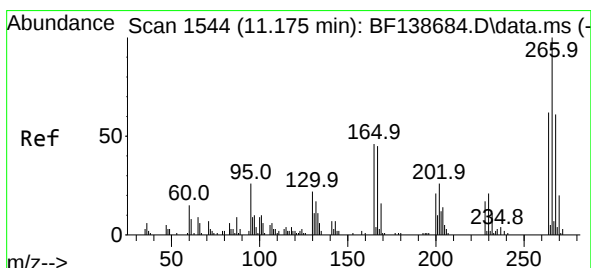
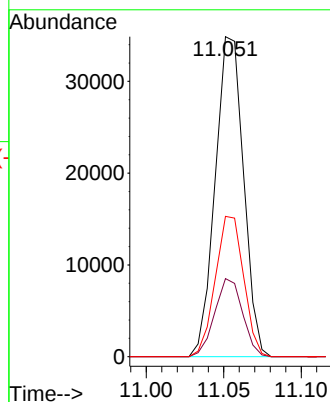
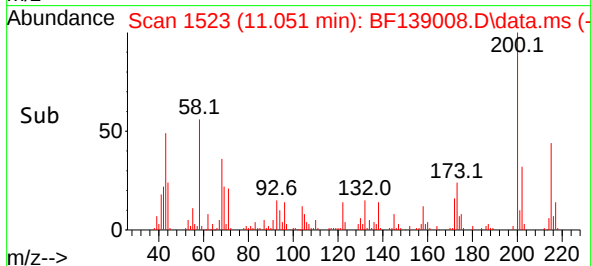


Tgt Ion:200	Resp:	4434
Ion Ratio	Lower	Upper
200	100	
173	24.4	6.0 46.0
215	43.9	26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 96.069 ng

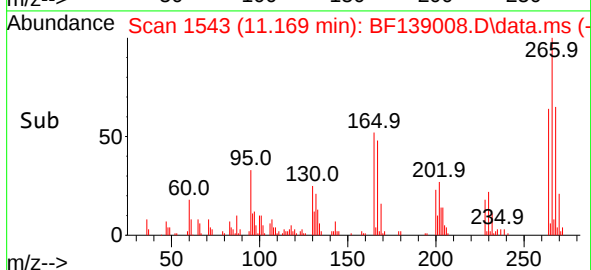
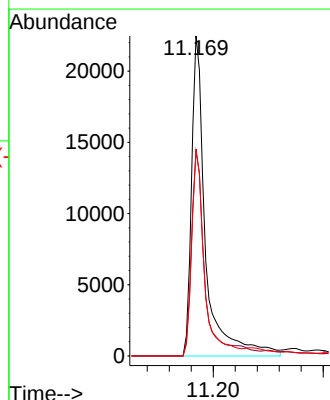
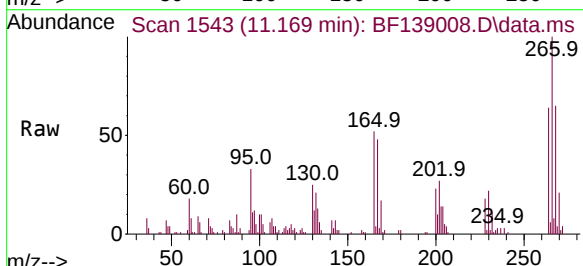
RT: 11.169 min Scan# 1543

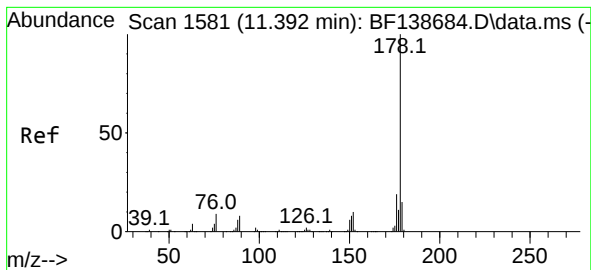
Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

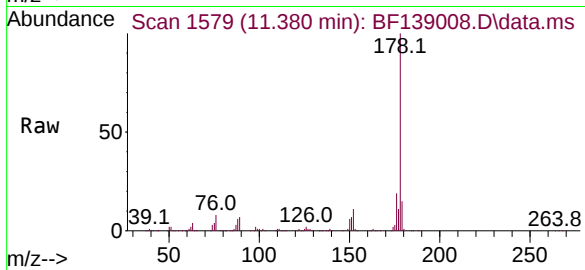
Tgt Ion:266	Resp:	40169
Ion Ratio	Lower	Upper
266	100	
268	64.6	49.2 73.8
264	64.0	49.8 74.6





#71
Phenanthrene
Concen: 61.923 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

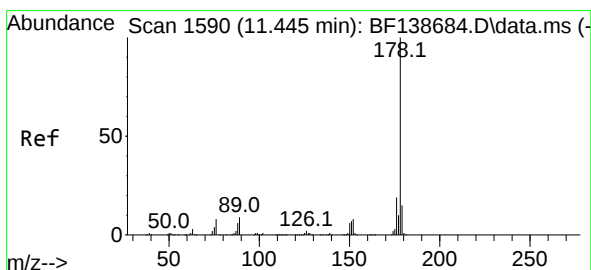
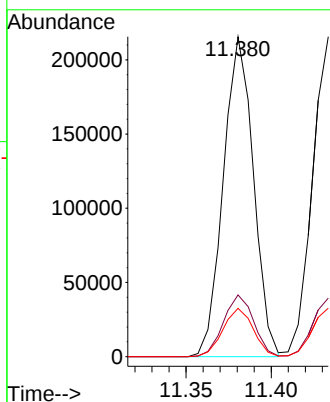
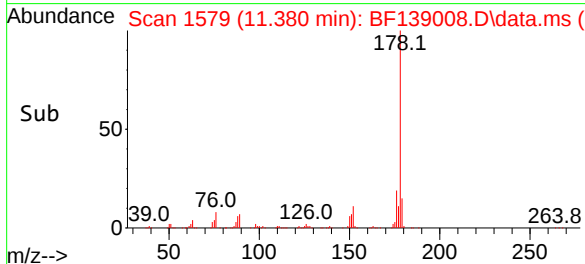
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:178 Resp: 264590
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.1 12.2 18.2

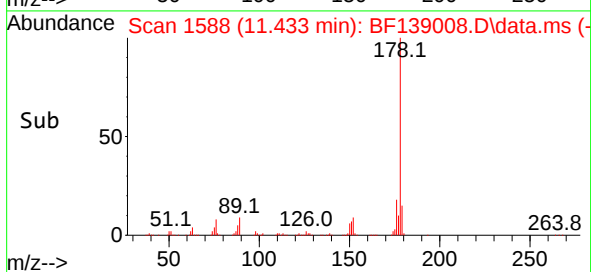
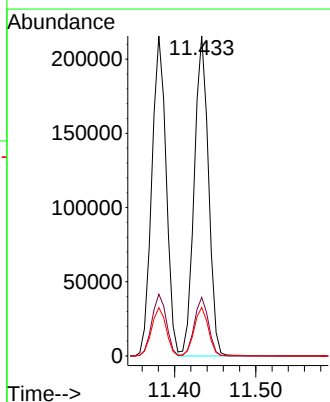
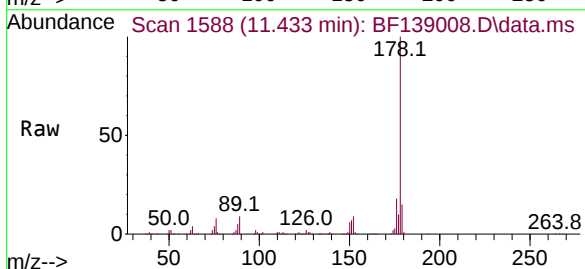
Manual Integrations
APPROVED

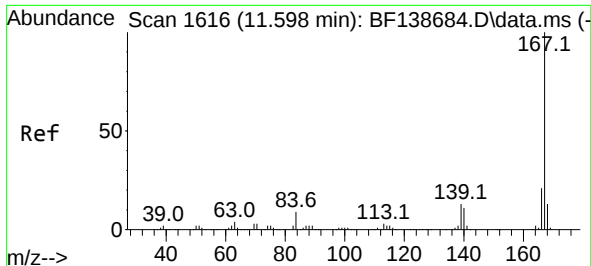
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#72
Anthracene
Concen: 62.629 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

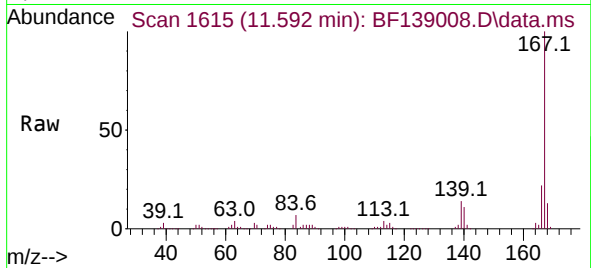
Tgt Ion:178 Resp: 263631
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 66.494 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139008.D
 Acq: 14 Aug 2024 22:17

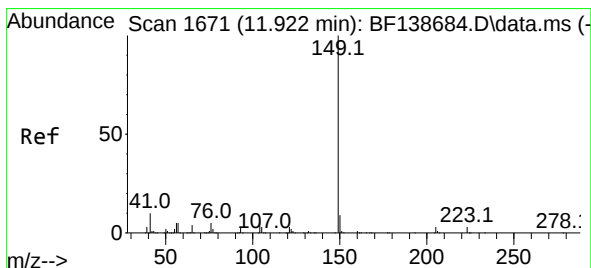
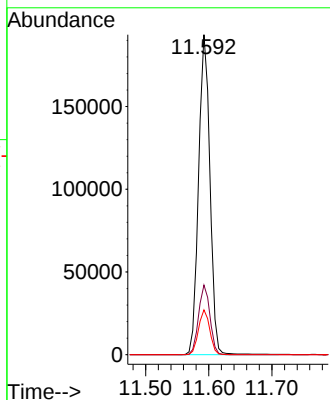
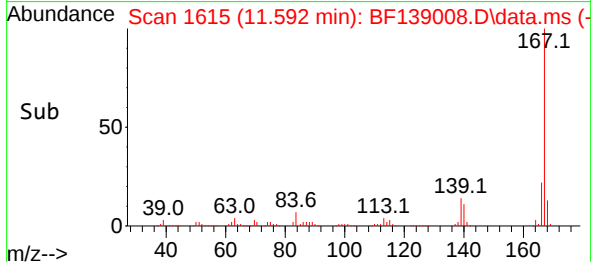
Instrument : BNA_F
 ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



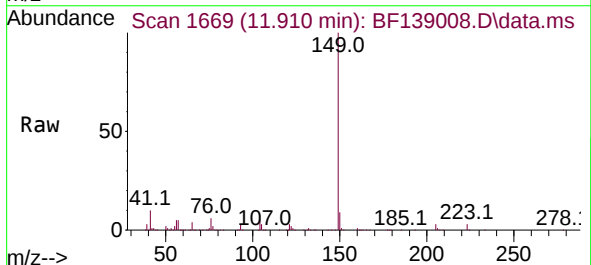
Tgt Ion:167 Resp: 241485
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.0 10.6 16.0

Manual Integrations
 APPROVED

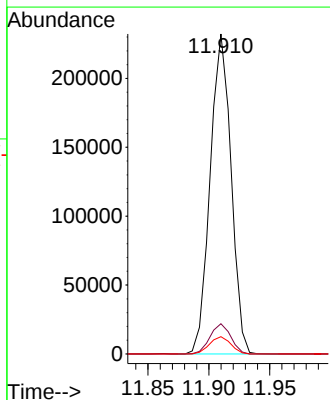
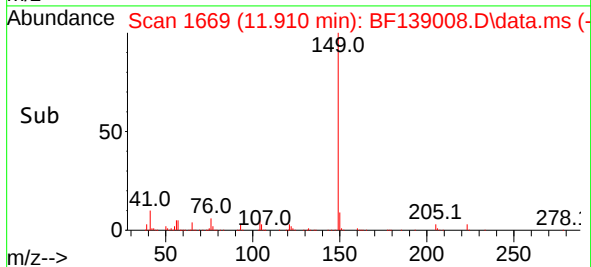
Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

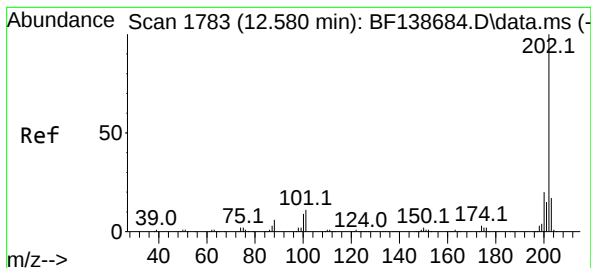


#74
 Di-n-butylphthalate
 Concen: 67.954 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139008.D
 Acq: 14 Aug 2024 22:17



Tgt Ion:149 Resp: 277429
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 77.733 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139008.D

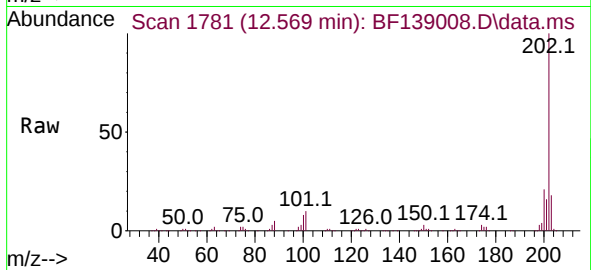
Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:202 Resp: 310079

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.2

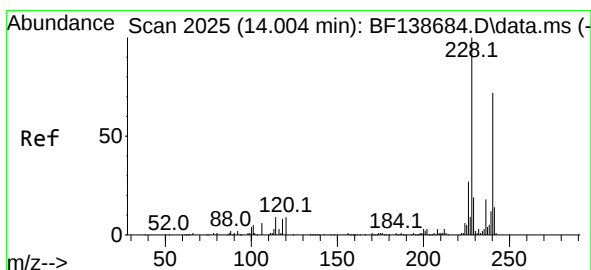
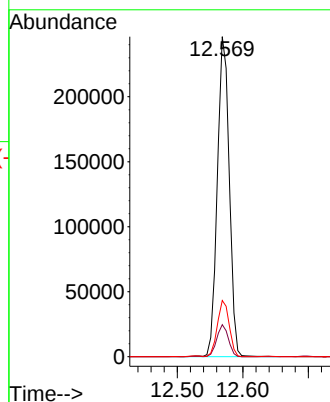
203 17.6 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

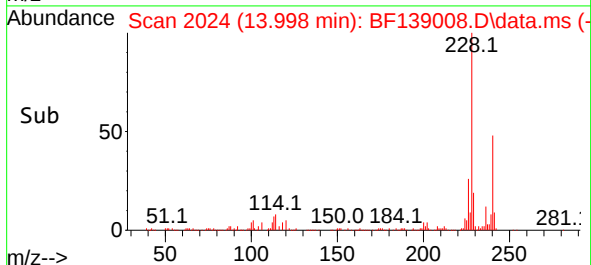
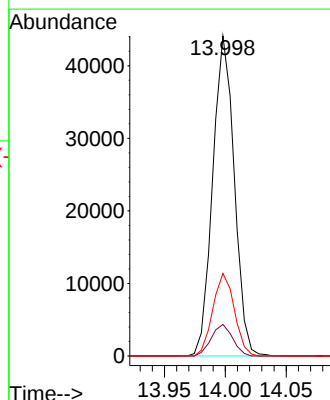
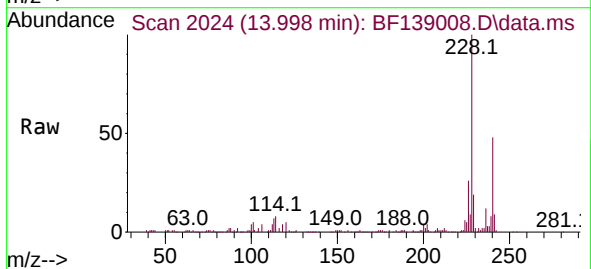
Tgt Ion:240 Resp: 54235

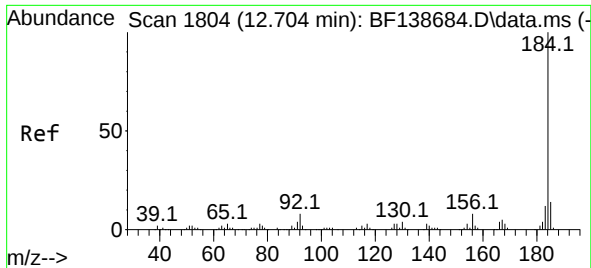
Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

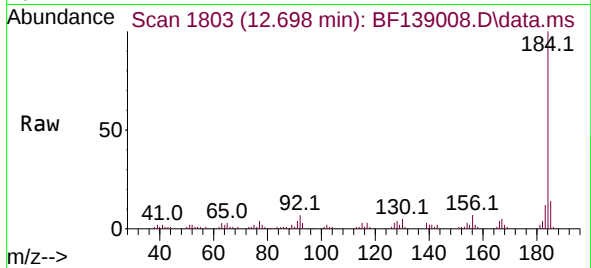
236 25.8 19.8 29.8





#77
Benzidine
Concen: 40.833 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

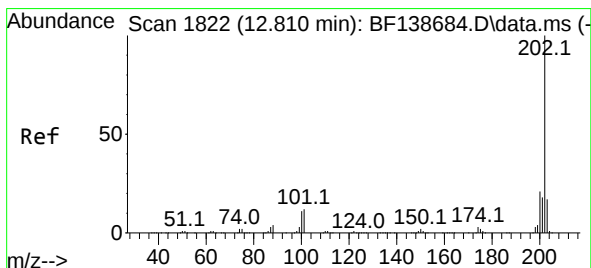
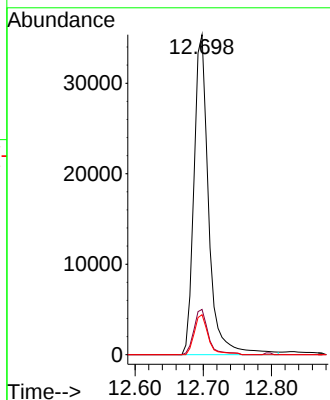
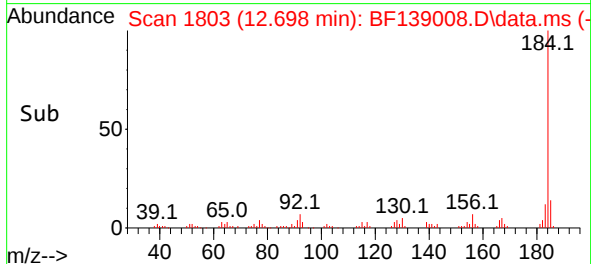
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



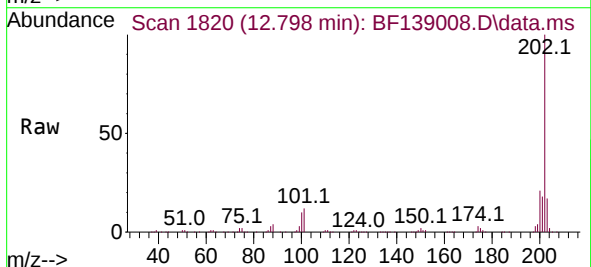
Tgt Ion:184 Resp: 52969
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 12.5 9.6 14.4

Manual Integrations
APPROVED

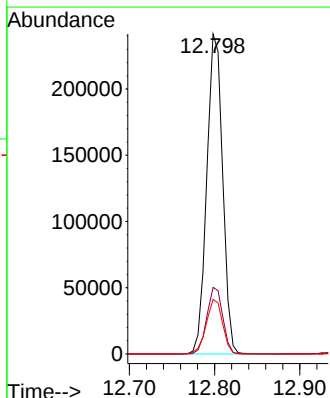
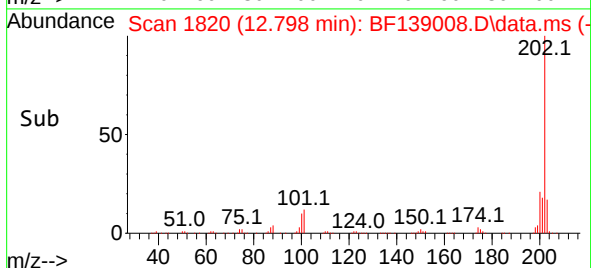
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

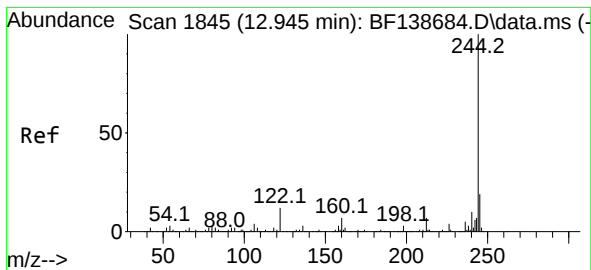


#78
Pyrene
Concen: 61.238 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



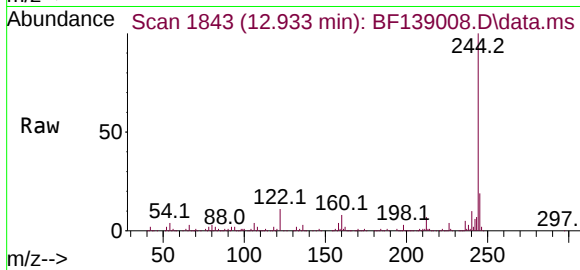
Tgt Ion:202 Resp: 312705
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 94.305 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139008.D
 Acq: 14 Aug 2024 22:17

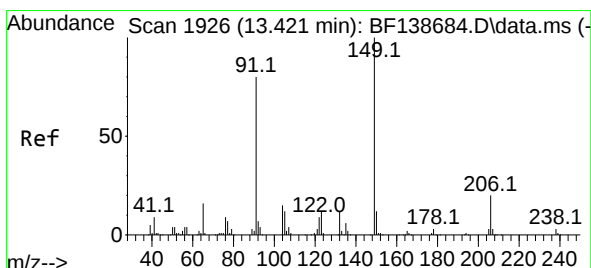
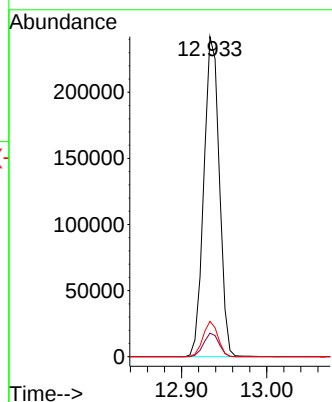
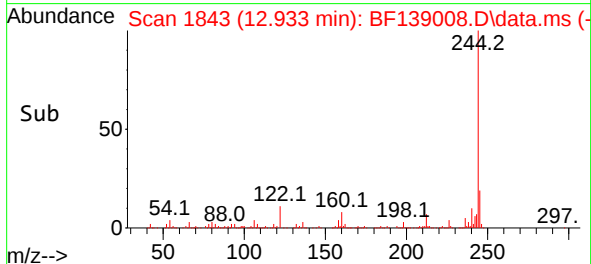
Instrument : BNA_F
 ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:244 Resp: 30548
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.0 9.6 14.4

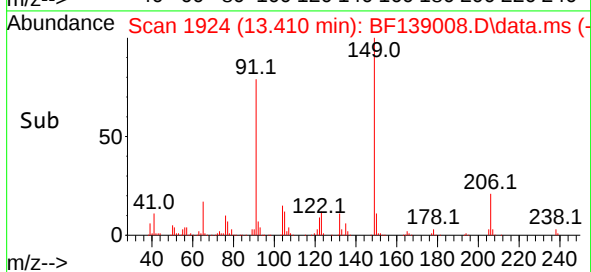
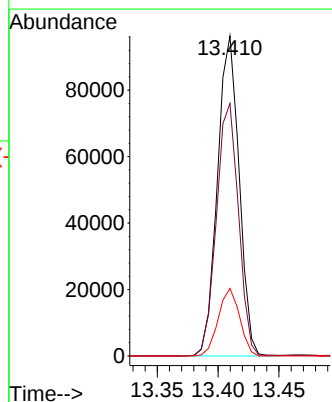
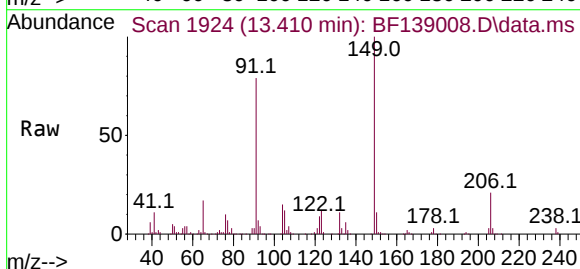
Manual Integrations
 APPROVED

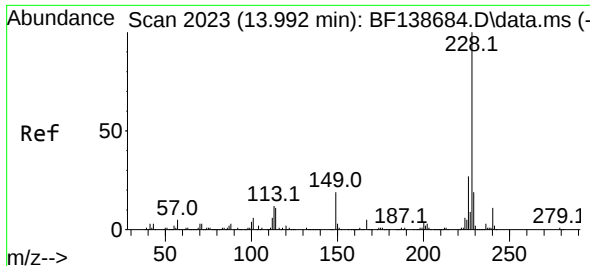
Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#80
 Butylbenzylphthalate
 Concen: 73.013 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF139008.D
 Acq: 14 Aug 2024 22:17

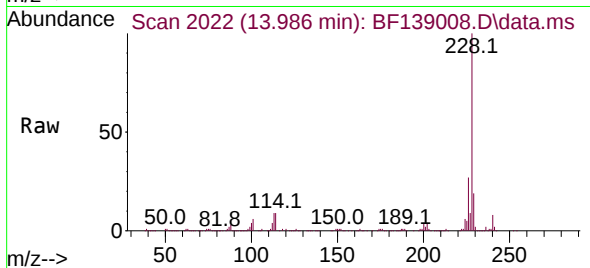
Tgt Ion:149 Resp: 119391
 Ion Ratio Lower Upper
 149 100
 91 78.9 63.7 95.5
 206 21.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 62.671 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

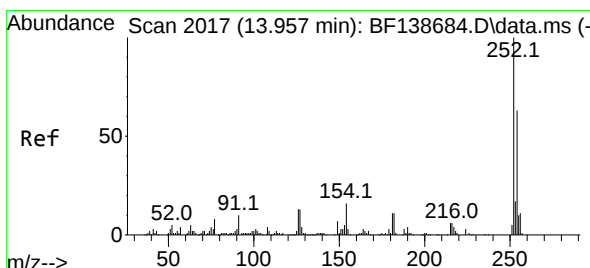
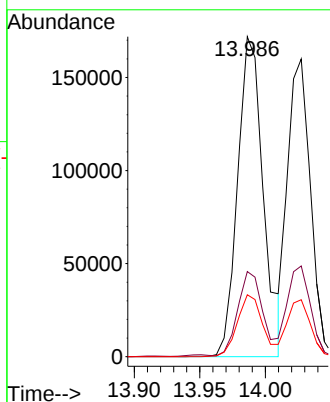
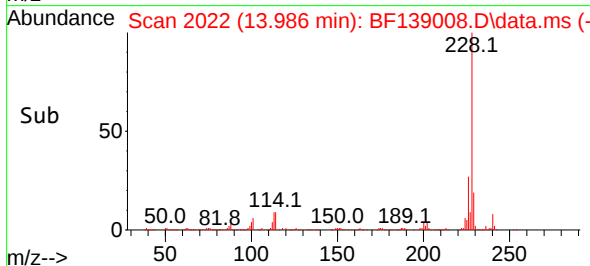
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



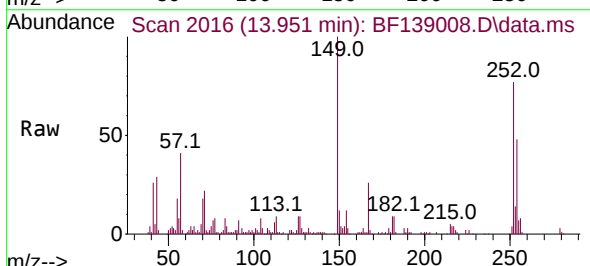
Tgt Ion:228 Resp: 234060
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.4 15.4 23.0

Manual Integrations
APPROVED

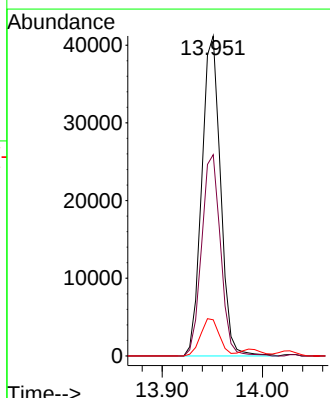
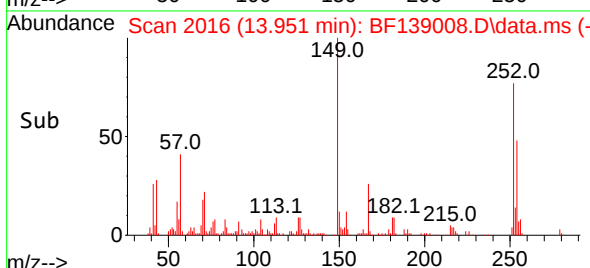
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

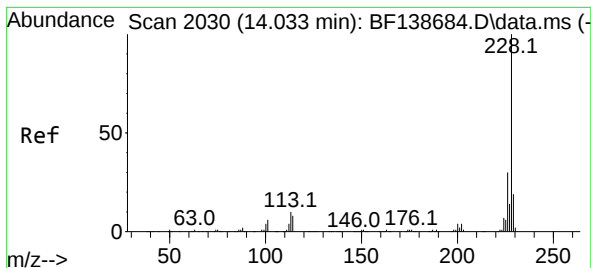


#82
3,3'-Dichlorobenzidine
Concen: 56.169 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17



Tgt Ion:252 Resp: 53683
Ion Ratio Lower Upper
252 100
254 62.9 50.8 76.2
126 11.3 10.2 15.2





#83

Chrysene

Concen: 57.310 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139008.D

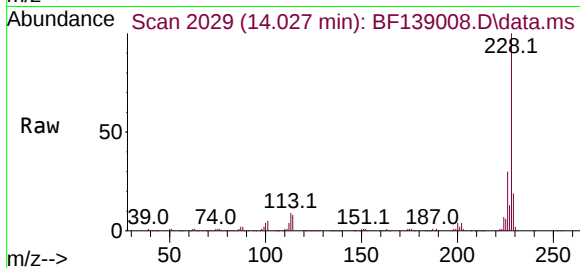
Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MS

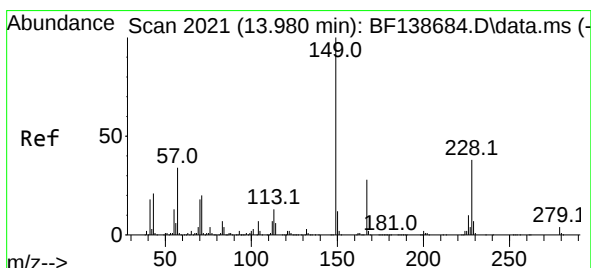
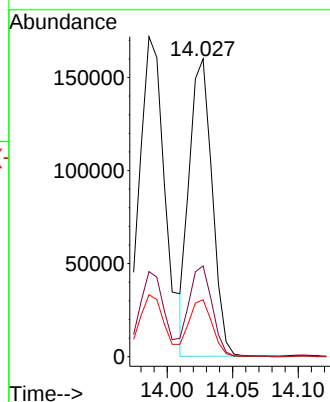
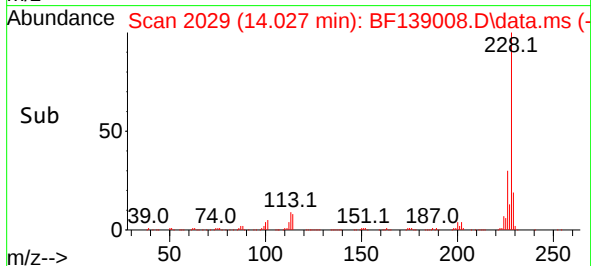


Tgt Ion:	228	Resp:	19310
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.7	35.5
229	19.1	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.933 ng

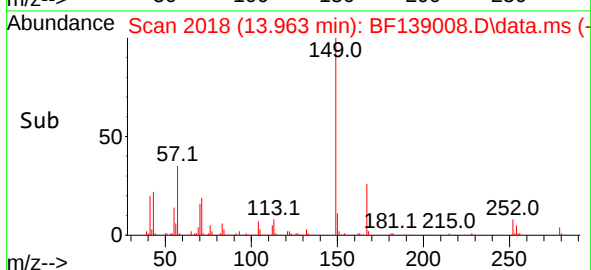
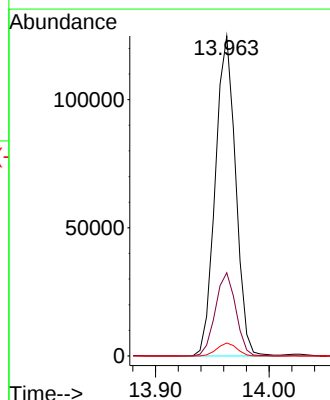
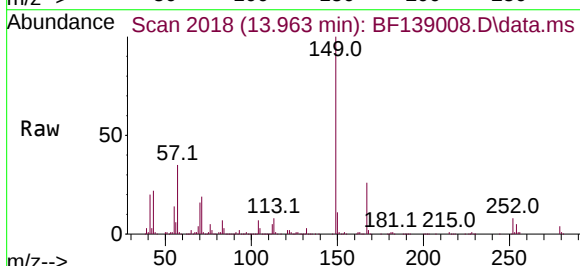
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

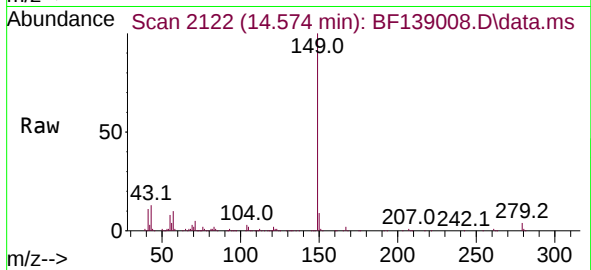
Tgt Ion:	149	Resp:	155481
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.2	33.4
279	4.1	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 50.125 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

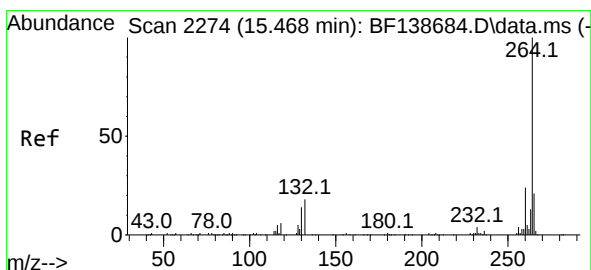
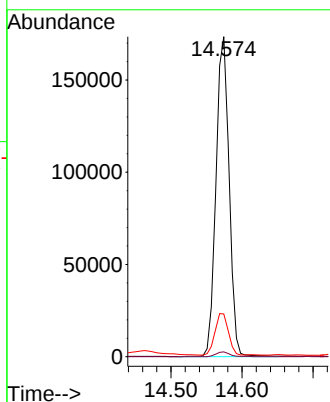
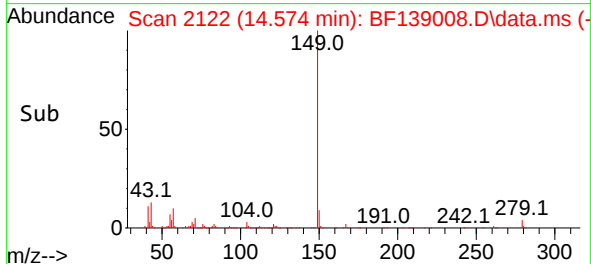
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:149 Resp: 222064
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.2 10.4 15.6

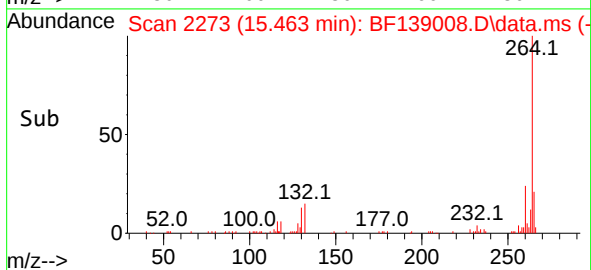
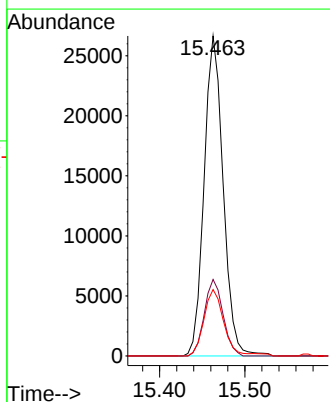
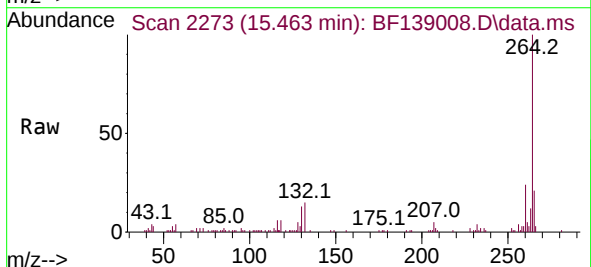
Manual Integrations
APPROVED

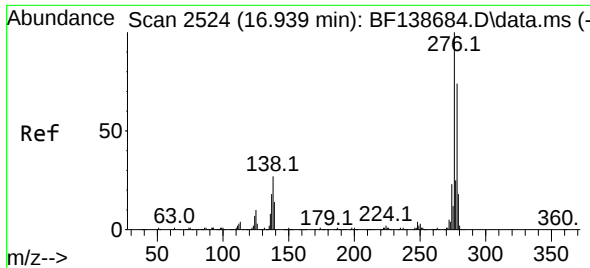
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

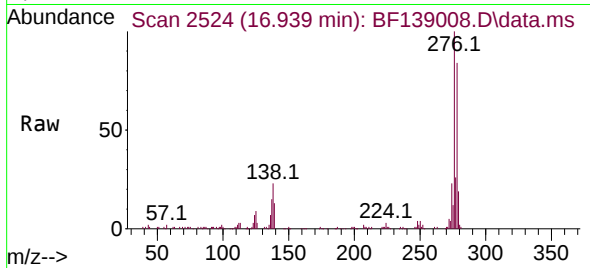
Tgt Ion:264 Resp: 41522
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.299 ng
RT: 16.939 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

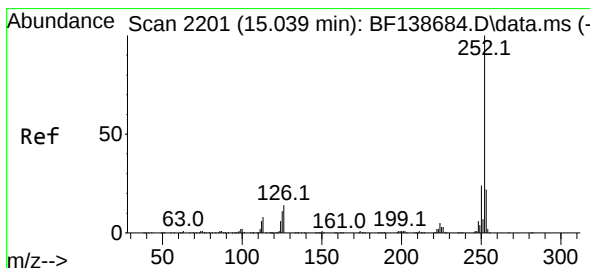
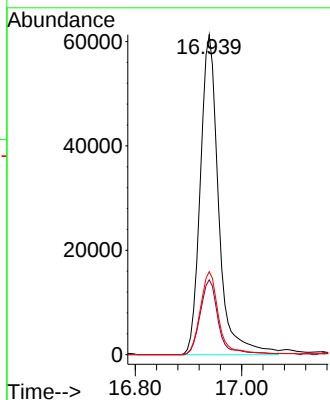
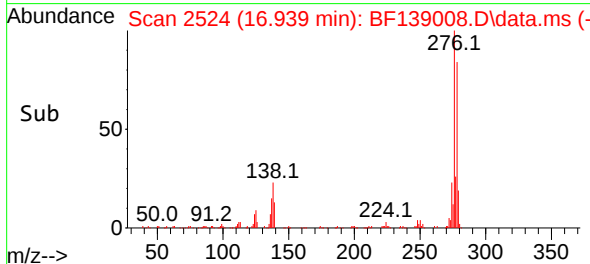
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion: 276 Resp: 146694
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 26.2 20.6 30.8

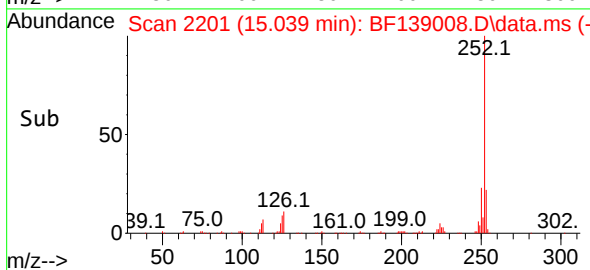
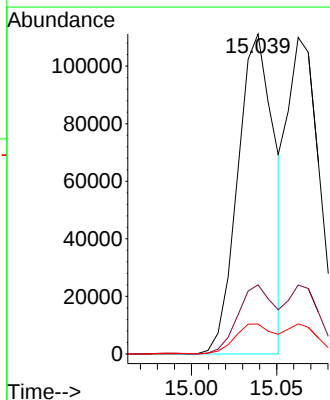
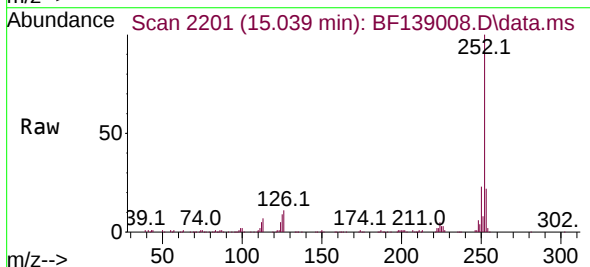
Manual Integrations
APPROVED

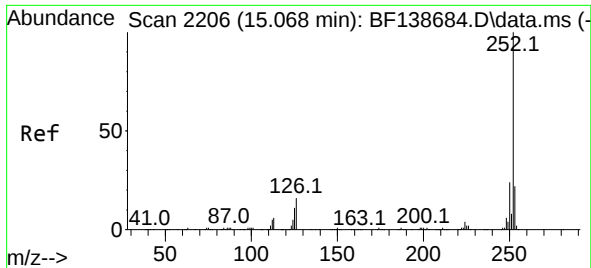
Reviewed By : Jagrut Upadhyay 08/15/2024
Supervised By : mohammad ahmed 08/16/2024



#88
Benzo(b)fluoranthene
Concen: 64.385 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

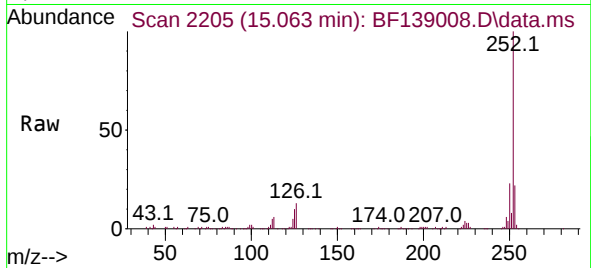
Tgt Ion: 252 Resp: 165724
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.3 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 64.004 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

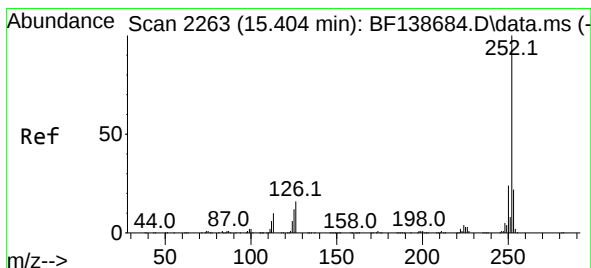
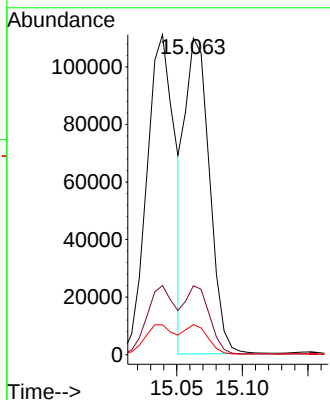
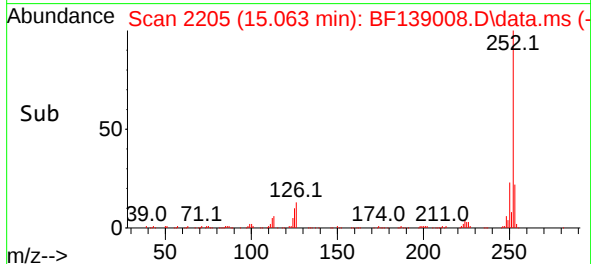
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MS



Tgt Ion:252 Resp: 142638
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.5 8.6 13.0

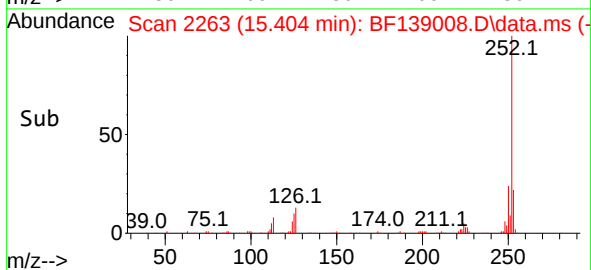
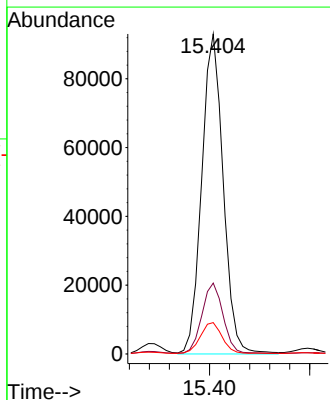
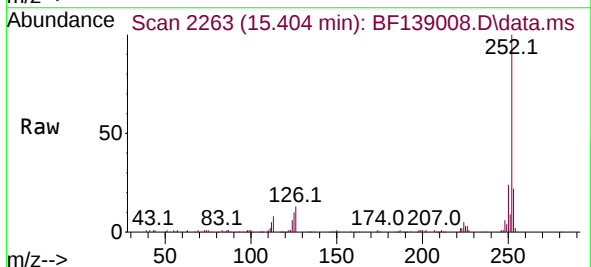
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#90
Benzo(a)pyrene
Concen: 64.181 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF139008.D
Acq: 14 Aug 2024 22:17

Tgt Ion:252 Resp: 138956
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 47.969 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.006 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Instrument :

BNA_F

ClientSampleId :

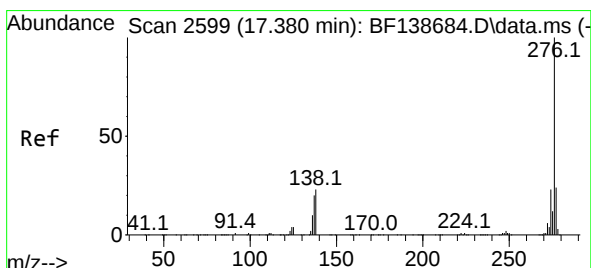
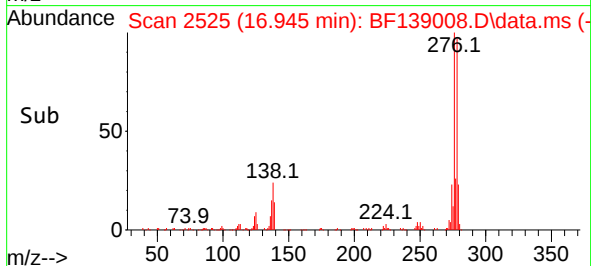
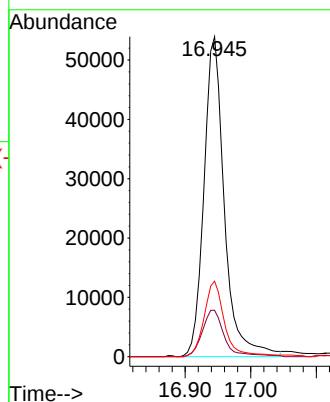
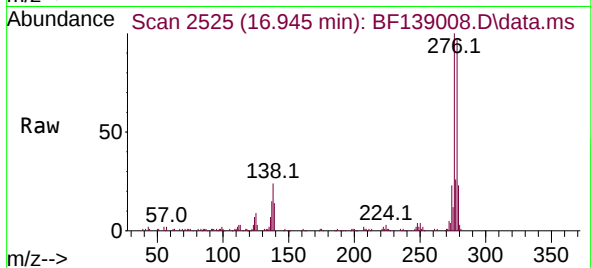
S-866-N-S0-1.0-1.5-080524MS

Tgt Ion:	278	Resp:	117170
Ion Ratio	Lower	Upper	
278	100		
139	14.5	14.0	21.0
279	23.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#92

Benzo(g,h,i)perylene

Concen: 43.232 ng

RT: 17.380 min Scan# 2599

Delta R.T. 0.000 min

Lab File: BF139008.D

Acq: 14 Aug 2024 22:17

Tgt Ion:	276	Resp:	109581
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	19.7	18.5	27.7

