

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139038.D
 Acq On : 15 Aug 2024 23:17
 Operator : RC/JU
 Sample : P3573-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1-1.5-080924MS

Quant Time: Aug 16 00:49:19 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 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41126	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	165281	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	90313	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145618	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	76395	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	81462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	242031	90.846	ng	0.00
7) Phenol-d6	6.487	99	326113	91.170	ng	0.00
23) Nitrobenzene-d5	7.404	82	209902	62.091	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65822	88.975	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	368101	61.239	ng	-0.02
79) Terphenyl-d14	12.933	244	280234	61.416	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	49660	42.575	ng	95
3) Pyridine	3.416	79	118747	42.026	ng	92
4) n-Nitrosodimethylamine	3.387	42	95095	56.509	ng	81
6) Aniline	6.504	93	158379	49.649	ng	# 62
8) 2-Chlorophenol	6.628	128	140385	50.083	ng	99
9) Benzaldehyde	6.393	77	105853	49.367	ng	97
10) Phenol	6.498	94	186052	49.401	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	134683	46.472	ng	99
12) 1,3-Dichlorobenzene	6.775	146	149560	47.666	ng	98
13) 1,4-Dichlorobenzene	6.851	146	149807	47.310	ng	100
14) 1,2-Dichlorobenzene	7.004	146	143743	48.573	ng	99
15) Benzyl Alcohol	6.987	79	138215	53.612	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	240232	48.166	ng	# 41
17) 2-Methylphenol	7.104	107	113433	49.008	ng	# 87
18) Hexachloroethane	7.340	117	59082	49.568	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	111344	51.538	ng	96
20) 3+4-Methylphenols	7.257	107	150960	50.833	ng	# 82
22) Acetophenone	7.251	105	210797	52.089	ng	98
24) Nitrobenzene	7.422	77	167636	48.732	ng	98
25) Isophorone	7.663	82	289704	50.187	ng	98
26) 2-Nitrophenol	7.740	139	75564	51.057	ng	94
27) 2,4-Dimethylphenol	7.781	122	107243	60.564	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	167881	47.758	ng	99
29) 2,4-Dichlorophenol	7.987	162	114972	50.528	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	123181	46.911	ng	99
31) Naphthalene	8.140	128	415710	47.783	ng	99
32) Benzoic acid	7.928	122	45018	32.342	ng	89
33) 4-Chloroaniline	8.192	127	92357	31.625	ng	96
34) Hexachlorobutadiene	8.245	225	78512	49.364	ng	99
35) Caprolactam	8.575	113	35425m	52.176	ng	
36) 4-Chloro-3-methylphenol	8.687	107	135172	51.980	ng	98
37) 2-Methylnaphthalene	8.828	142	275772	50.191	ng	100
38) 1-Methylnaphthalene	8.928	142	252514	46.900	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	124273	49.535	ng	97
41) Hexachlorocyclopentadiene	8.975	237	72267	106.319	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	71174	46.530	ng	99

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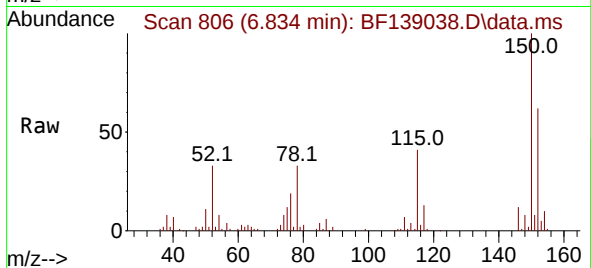
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	77522	46.359	ng	99
46) 1,1'-Biphenyl	9.292	154	347565	49.138	ng	98
47) 2-Chloronaphthalene	9.316	162	252912	48.077	ng	99
48) 2-Nitroaniline	9.422	65	95659	53.639	ng	94
49) Acenaphthylene	9.734	152	388065	52.012	ng	99
50) Dimethylphthalate	9.592	163	302944	52.460	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65661	50.383	ng	# 84
52) Acenaphthene	9.904	154	248990	49.645	ng	99
53) 3-Nitroaniline	9.839	138	49015	36.381	ng	98
54) 2,4-Dinitrophenol	9.957	184	52267	87.122	ng	83
55) Dibenzofuran	10.075	168	359295	50.749	ng	96
56) 4-Nitrophenol	10.022	139	60233	74.345	ng	87
57) 2,4-Dinitrotoluene	10.075	165	87279	52.491	ng	# 79
58) Fluorene	10.422	166	288288	51.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	62532	48.913	ng	95
60) Diethylphthalate	10.292	149	296462	54.144	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	141903	51.176	ng	98
62) 4-Nitroaniline	10.457	138	63449m	49.557	ng	
63) Azobenzene	10.569	77	309915	51.033	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	42129	47.422	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242146	53.199	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	80196	50.867	ng	100
68) Hexachlorobenzene	10.969	284	79821	49.035	ng	99
69) Atrazine	11.057	200	79947	68.078	ng	97
70) Pentachlorophenol	11.175	266	45023	61.361	ng	98
71) Phenanthrene	11.380	178	385884	51.464	ng	100
72) Anthracene	11.433	178	382585	51.794	ng	100
73) Carbazole	11.592	167	302821	47.517	ng	99
74) Di-n-butylphthalate	11.910	149	407674	56.905	ng	99
75) Fluoranthene	12.569	202	315733	45.105	ng	98
77) Benzidine	12.698	184	96350	52.730	ng	98
78) Pyrene	12.798	202	313098	43.529	ng	100
80) Butylbenzylphthalate	13.410	149	127336	55.283	ng	97
81) Benzo(a)anthracene	13.986	228	256541	48.765	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66030	49.048	ng	97
83) Chrysene	14.027	228	246263	51.887	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	167438	49.643	ng	100
85) Di-n-octyl phthalate	14.569	149	294649	47.217	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	197436	33.820	ng	95
88) Benzo(b)fluoranthene	15.039	252	259912	51.469	ng	97
89) Benzo(k)fluoranthene	15.063	252	236478	54.086	ng	99
90) Benzo(a)pyrene	15.404	252	232945	54.841	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	162031	33.812	ng	98
92) Benzo(g,h,i)perylene	17.380	276	138196	27.790	ng	95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

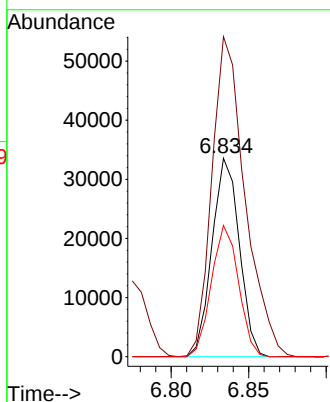
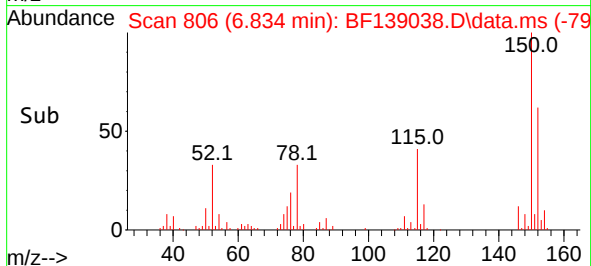
Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1-1.5-080924MS



Tgt Ion:152 Resp: 41120
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.0 189.0
 115 66.1 51.7 77.5

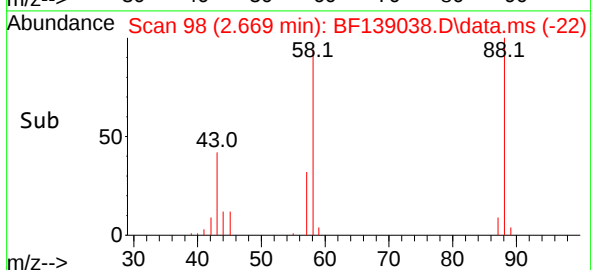
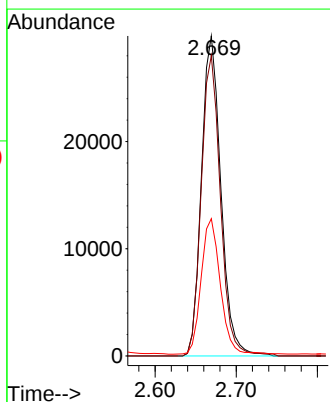
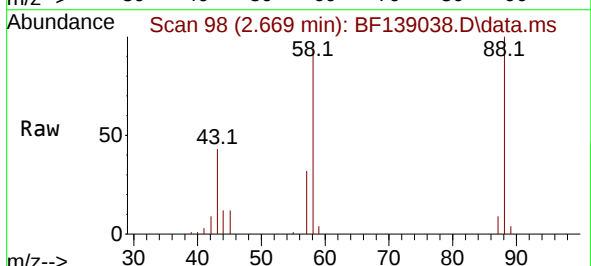
Manual Integrations
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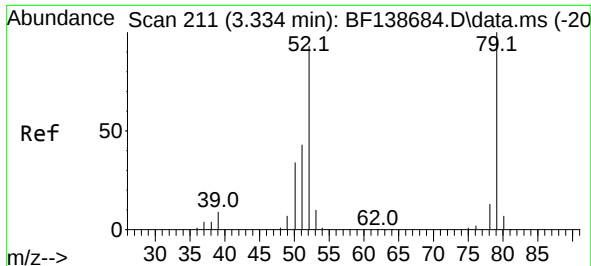
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#2
 1,4-Dioxane
 Concen: 42.575 ng
 RT: 2.669 min Scan# 98
 Delta R.T. 0.094 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

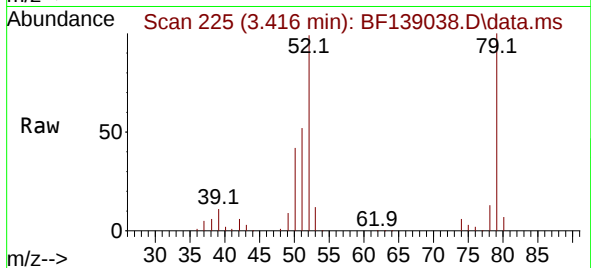
Tgt Ion: 88 Resp: 49660
 Ion Ratio Lower Upper
 88 100
 58 92.5 71.6 107.4
 43 41.7 28.7 43.1





#3
Pyridine
Concen: 42.026 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

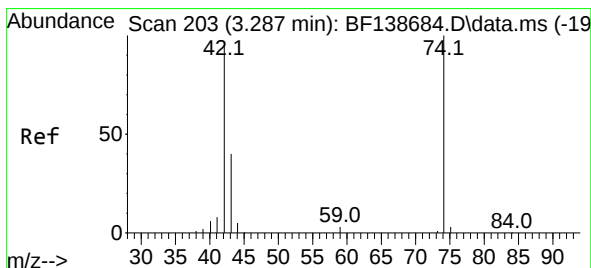
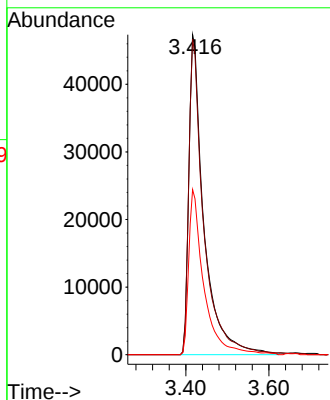
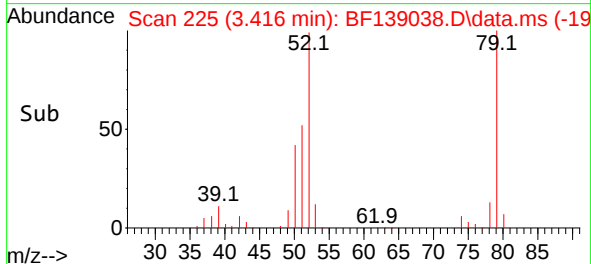
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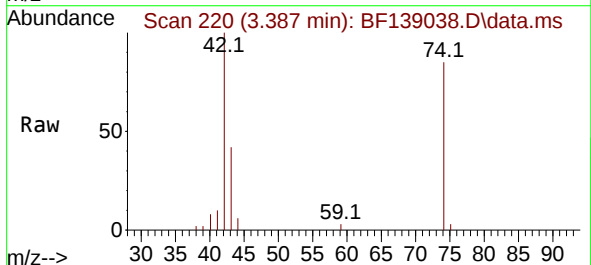
Tgt Ion: 79 Resp: 11874
Ion Ratio Lower Upper
79 100
52 98.7 74.7 112.1
51 51.6 34.6 51.8

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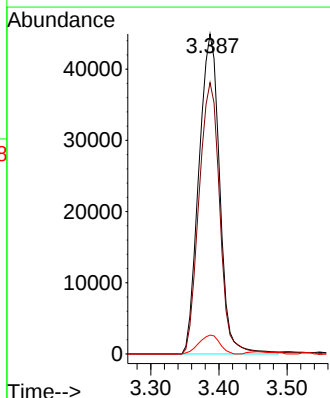
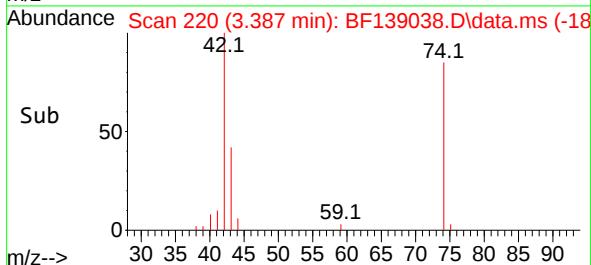
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Supervised By :mohammad ahmed 08/17/2024



#4
n-Nitrosodimethylamine
Concen: 56.509 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.100 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



Tgt Ion: 42 Resp: 95095
Ion Ratio Lower Upper
42 100
74 84.8 84.2 126.4
44 5.9 4.9 7.3





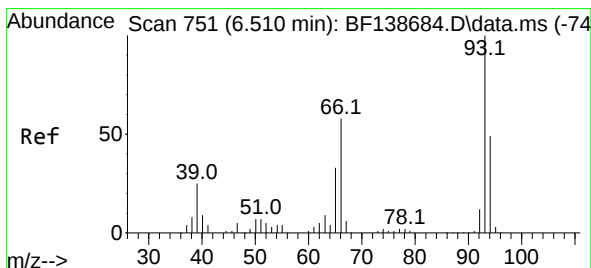
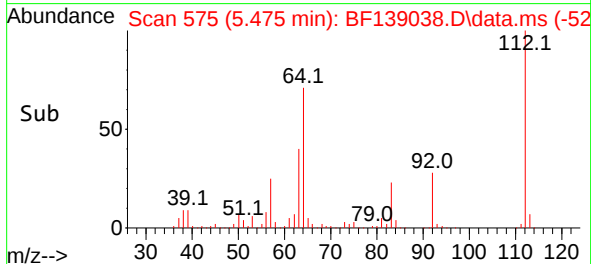
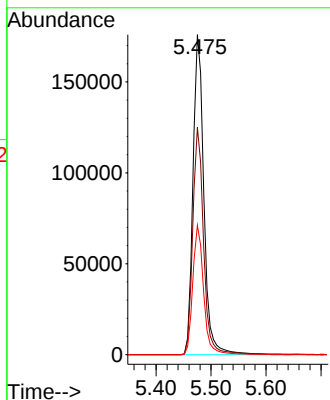
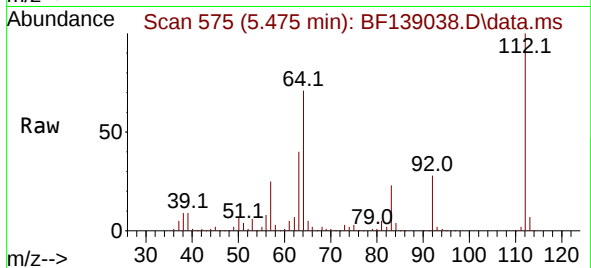
#5
2-Fluorophenol
Concen: 90.846 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS

Tgt Ion:112 Resp: 24203
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 40.5 28.7 43.1

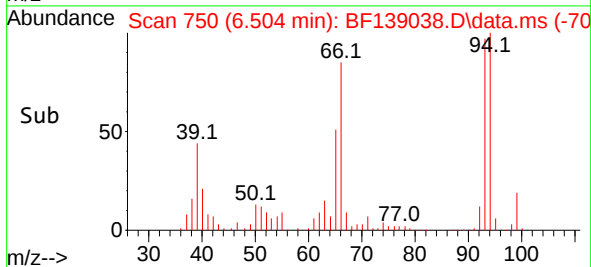
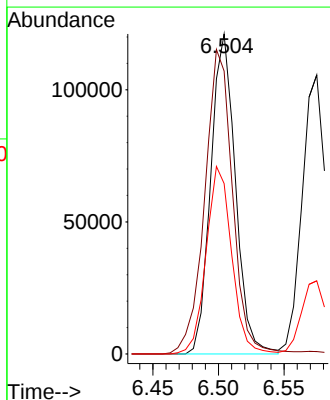
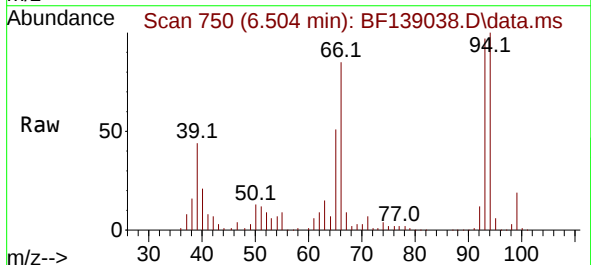
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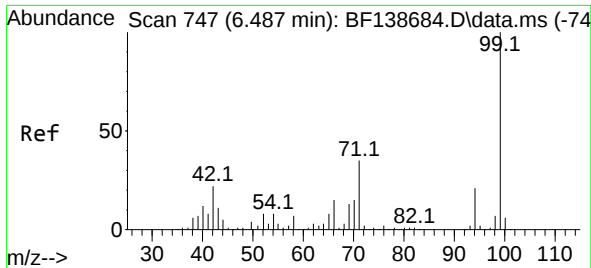
Reviewed By :Jagrut Upadhyay 08/16/2024
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#6
Aniline
Concen: 49.649 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

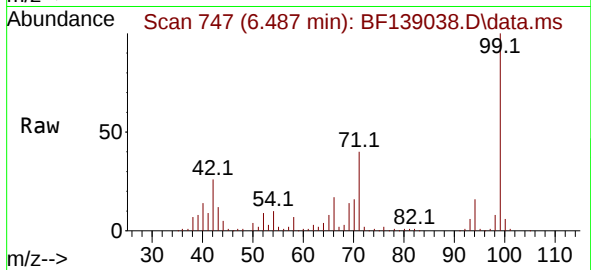
Tgt Ion: 93 Resp: 158379
Ion Ratio Lower Upper
93 100
66 88.4 46.9 70.3#
65 53.3 26.5 39.7#





#7
Phenol-d6
Concen: 91.170 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

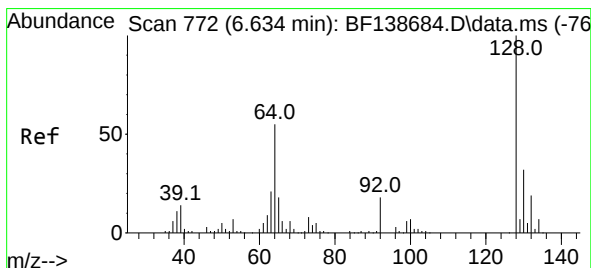
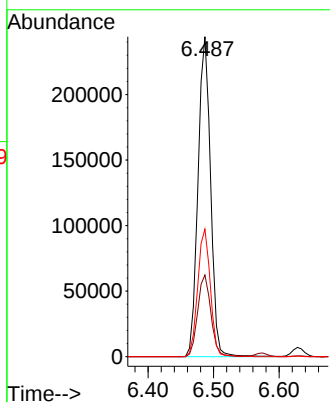
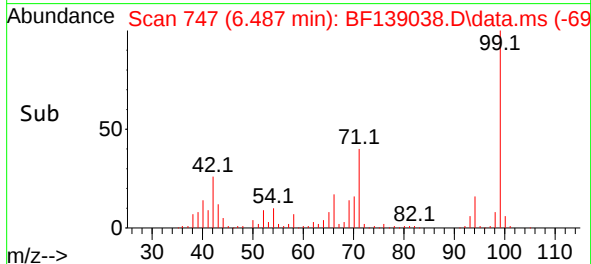
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion: 99 Resp: 32611
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.9 28.1 42.1

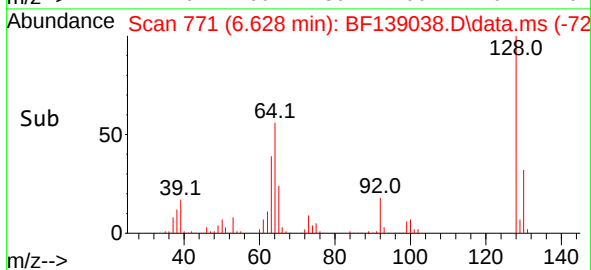
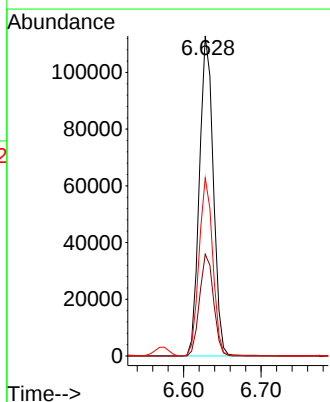
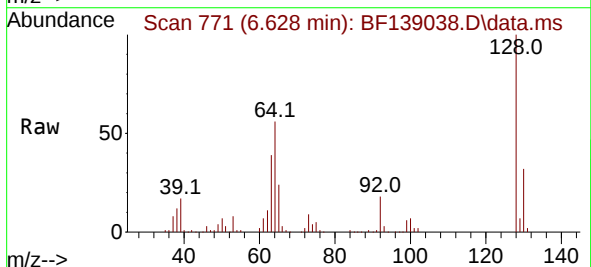
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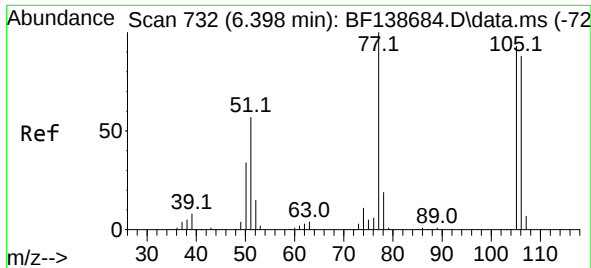
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#8
2-Chlorophenol
Concen: 50.083 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:128 Resp: 140385
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 55.6 36.3 76.3





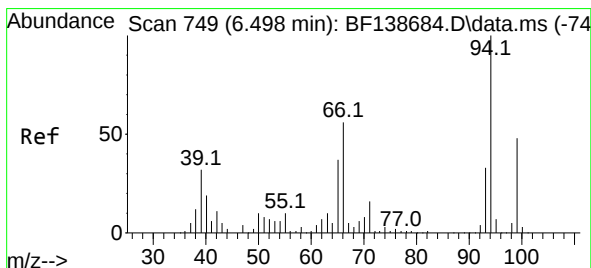
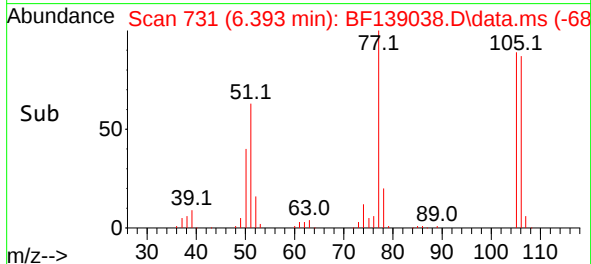
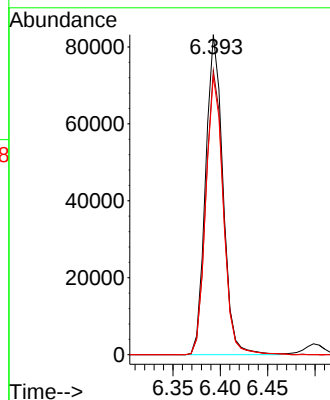
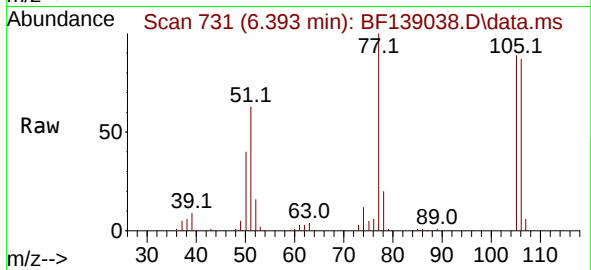
#9
Benzaldehyde
Concen: 49.367 ng
RT: 6.393 min Scan# 713
Delta R.T. -0.005 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS

Tgt Ion: 77 Resp: 10585
Ion Ratio Lower Upper
77 100
105 88.8 72.9 112.9
106 87.0 68.4 108.4

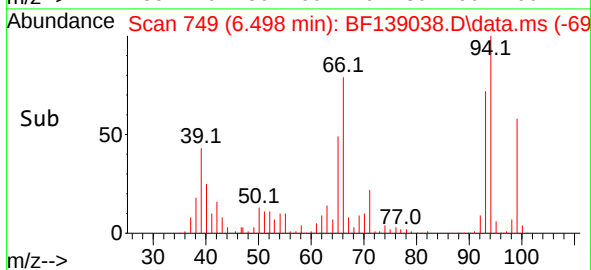
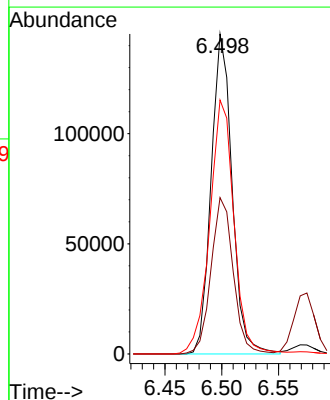
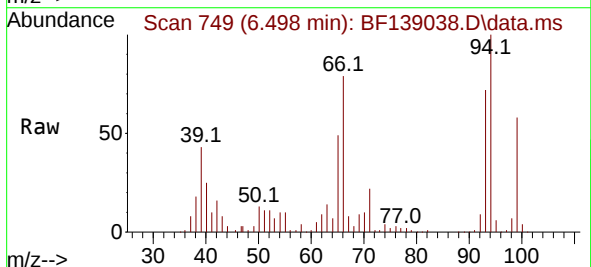
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2024



#10
Phenol
Concen: 49.401 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 94 Resp: 186052
Ion Ratio Lower Upper
94 100
65 48.9 16.9 56.9
66 79.4 36.5 76.5#





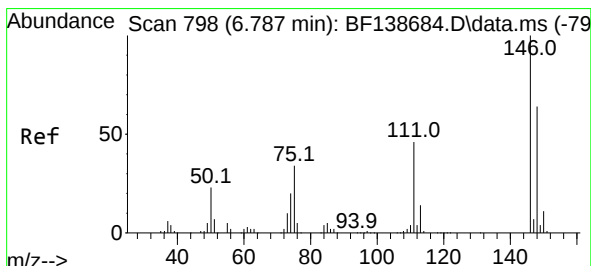
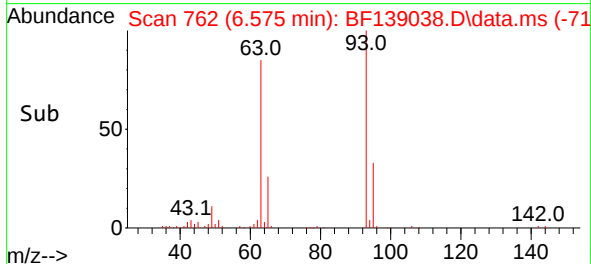
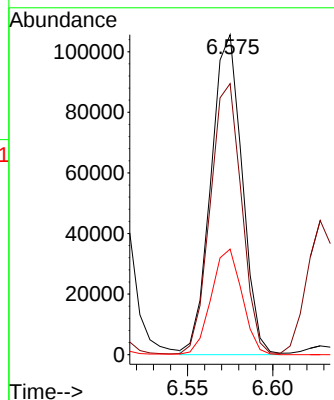
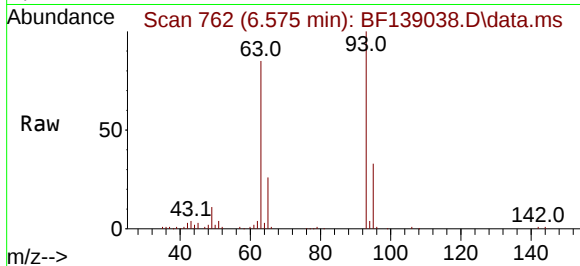
#11
bis(2-Chloroethyl)ether
Concen: 46.472 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS

Tgt Ion: 93 Resp: 13468
Ion Ratio Lower Upper
93 100
63 84.7 65.3 105.3
95 33.0 12.4 52.4

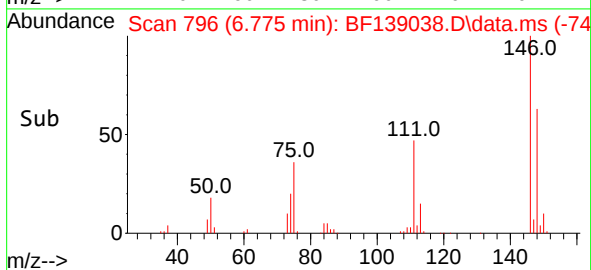
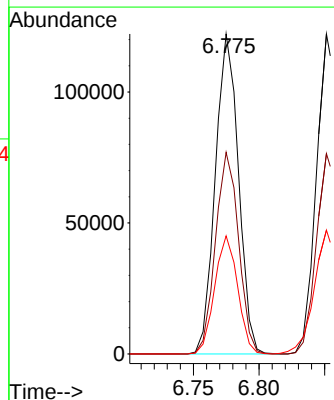
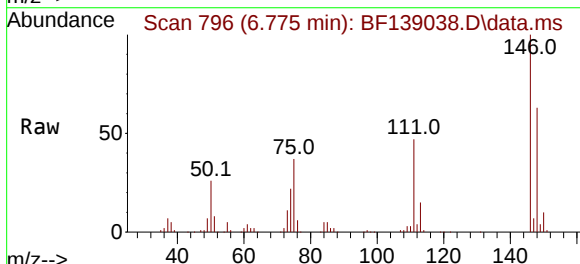
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#12
1,3-Dichlorobenzene
Concen: 47.666 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:146 Resp: 149560
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 36.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.310 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

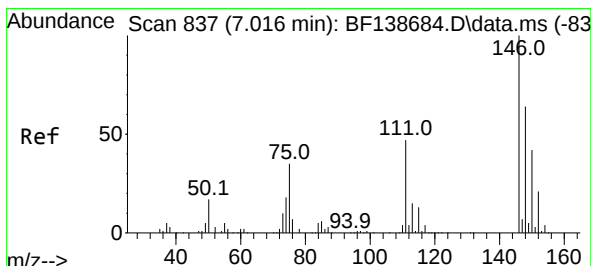
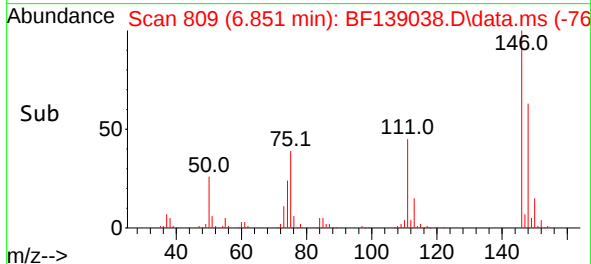
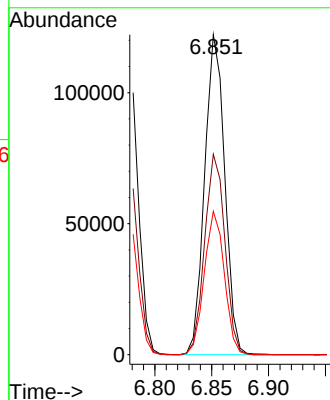
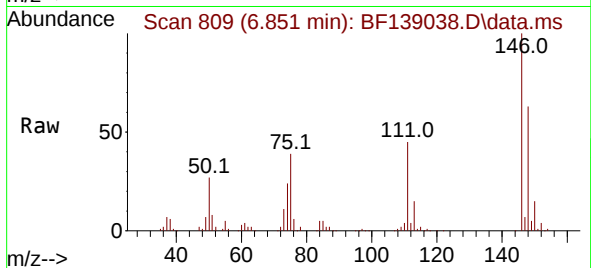
S-856-J-SO-1-1.5-080924MS

Tgt Ion:146	Resp: 14980
Ion Ratio	Lower Upper
146	100
148	62.6 50.2 75.2
111	44.8 35.9 53.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14

1,2-Dichlorobenzene

Concen: 48.573 ng

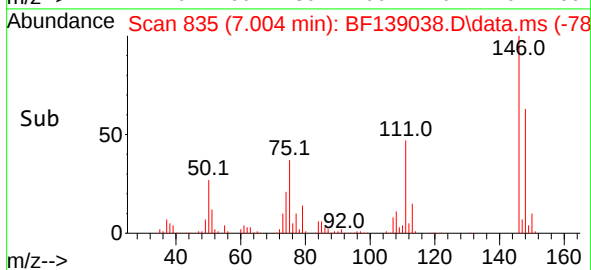
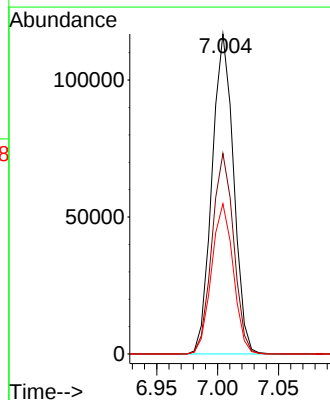
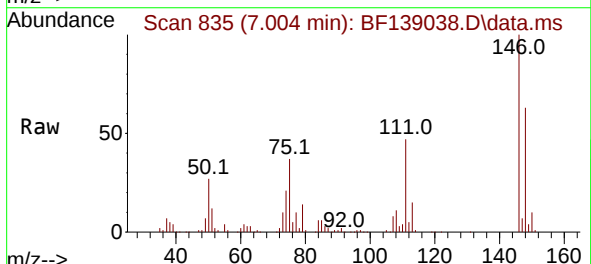
RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

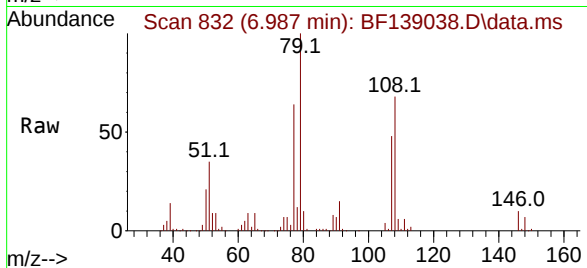
Tgt Ion:146	Resp: 143743
Ion Ratio	Lower Upper
146	100
148	62.6 50.8 76.2
111	46.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 53.612 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

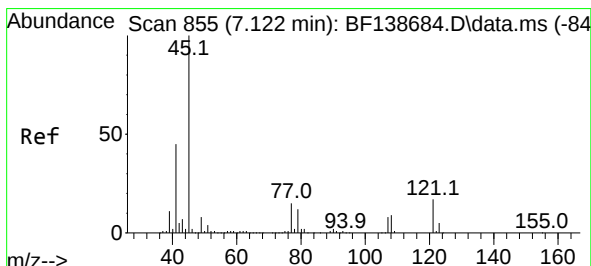
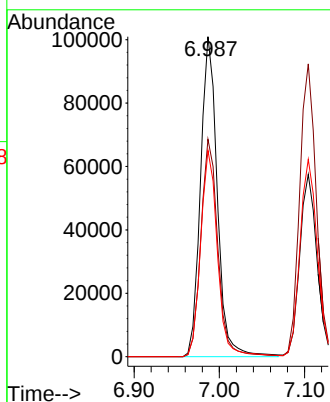
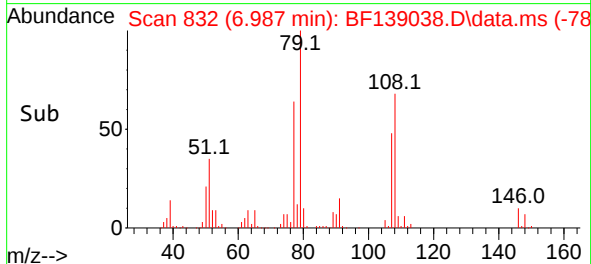
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion: 79 Resp: 138215
Ion Ratio Lower Upper
79 100
108 68.0 56.6 85.0
77 64.5 50.3 75.5

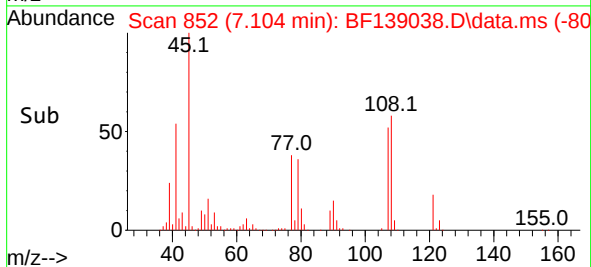
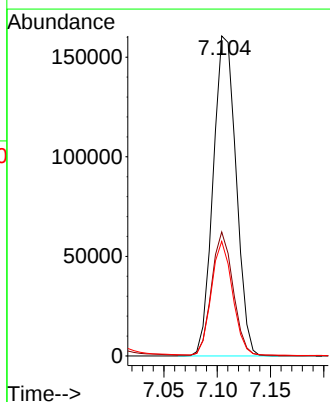
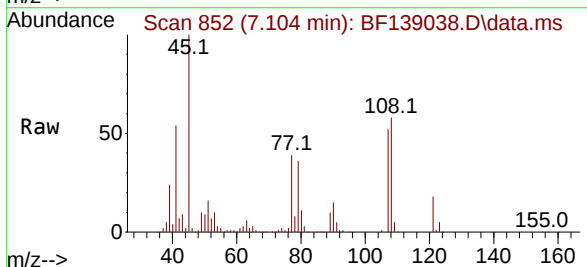
Manual Integrations
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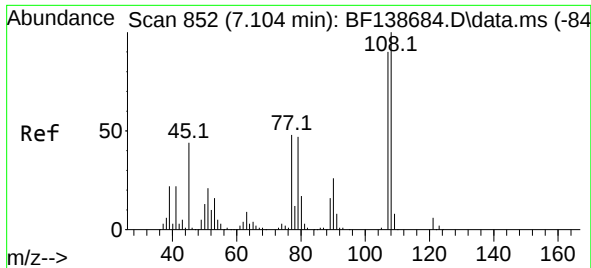
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.166 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

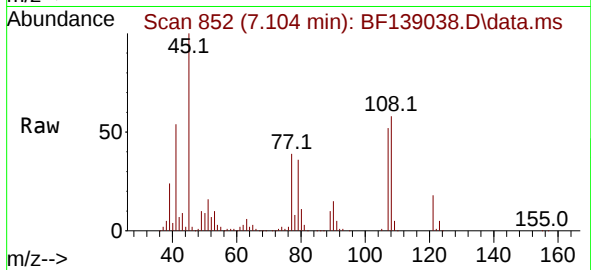
Tgt Ion: 45 Resp: 240232
Ion Ratio Lower Upper
45 100
77 38.7 0.0 34.9#
79 35.8 0.0 32.2#





#17
2-Methylphenol
Concen: 49.008 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

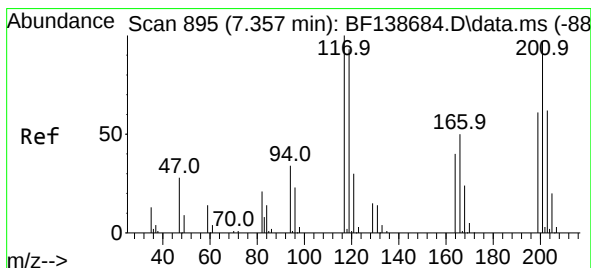
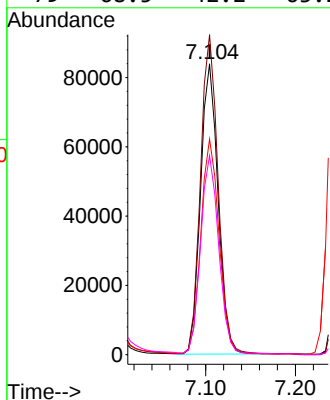
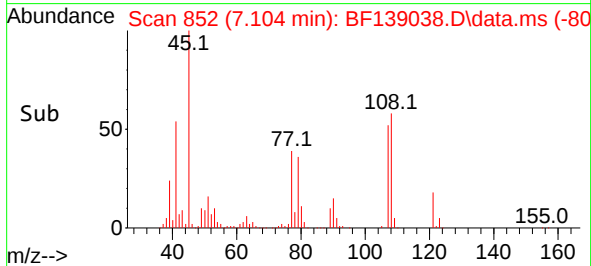
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:107 Resp: 11343
Ion Ratio Lower Upper
107 100
108 110.0 89.2 133.8
77 74.1 43.0 64.4
79 68.5 42.2 63.2#

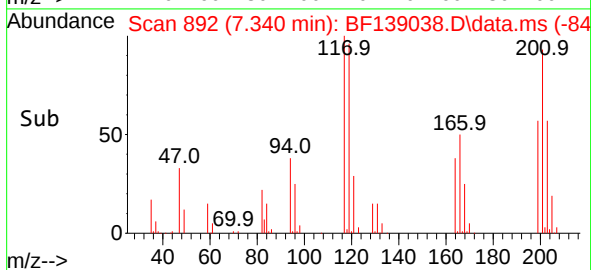
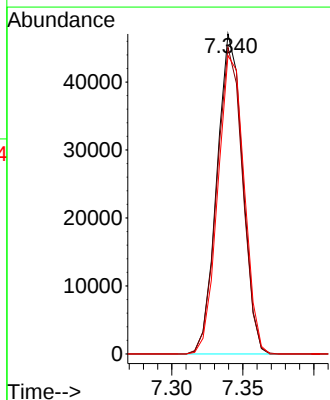
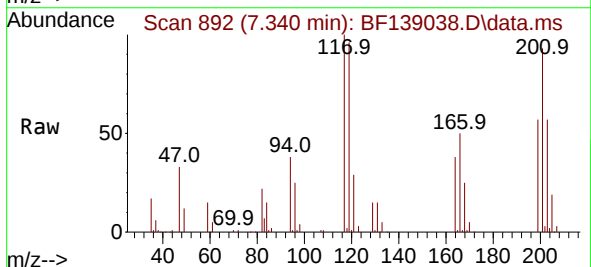
Manual Integrations
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Supervised By :mohammad ahmed 08/17/2024



#18
Hexachloroethane
Concen: 49.568 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

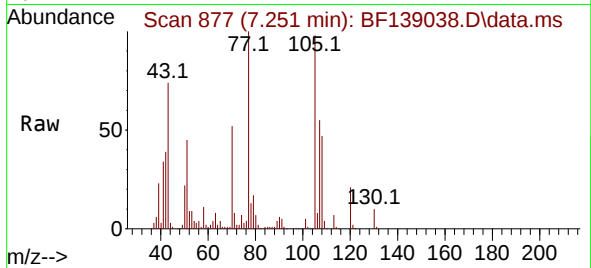
Tgt Ion:117 Resp: 59082
Ion Ratio Lower Upper
117 100
119 95.8 74.6 111.8
201 93.3 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 51.538 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

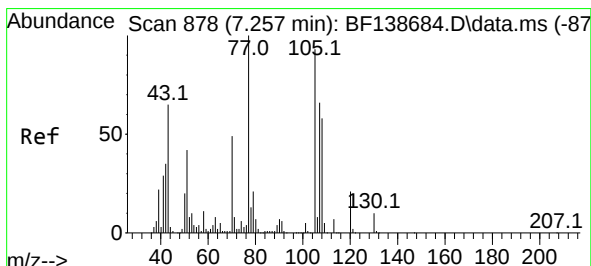
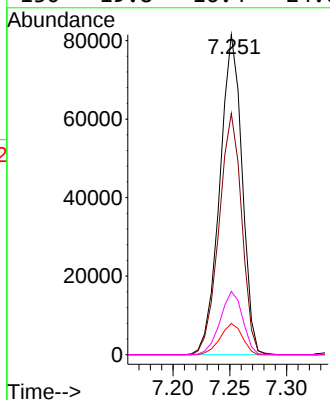
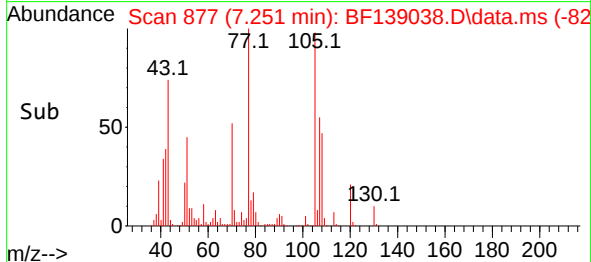
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



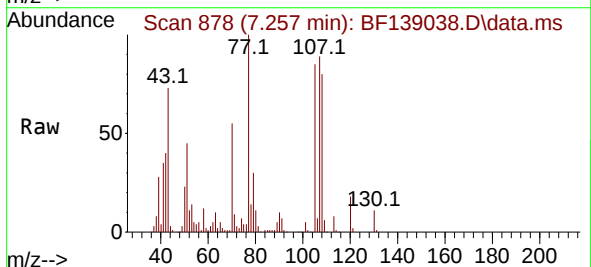
Tgt Ion:	70	Resp:	11134
Ion Ratio	Lower	Upper	
70	100		
42	75.4	57.4	86.0
101	9.8	7.5	11.3
130	19.8	16.4	24.6

Manual Integrations
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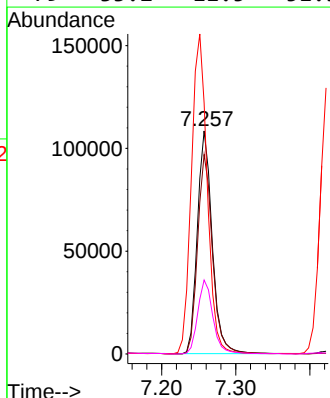
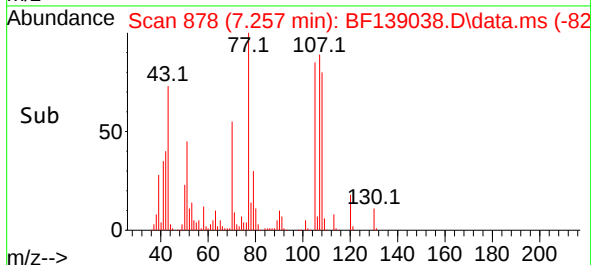
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#20
3+4-Methylphenols
Concen: 50.833 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



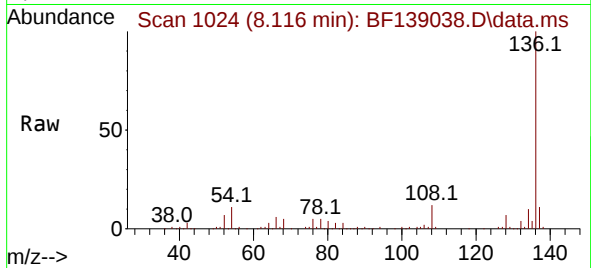
Tgt Ion:	107	Resp:	150960
Ion Ratio	Lower	Upper	
107	100		
108	89.4	68.2	108.2
77	112.5	132.1	172.1#
79	33.2	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

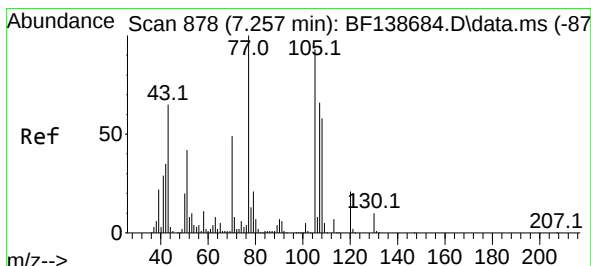
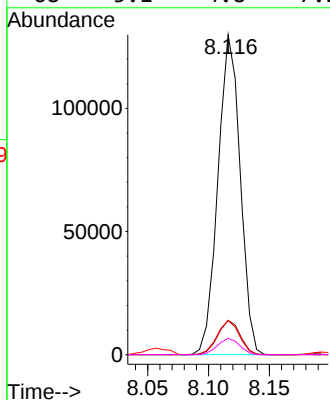
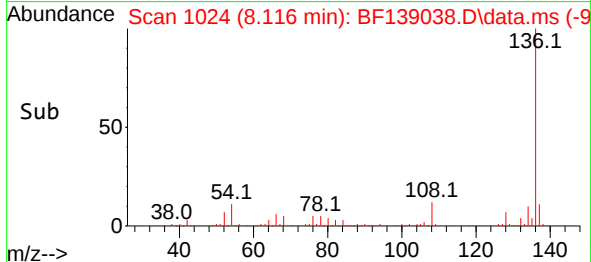
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:136 Resp: 16528
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.6 8.6 12.8
68 5.1 4.8 7.2

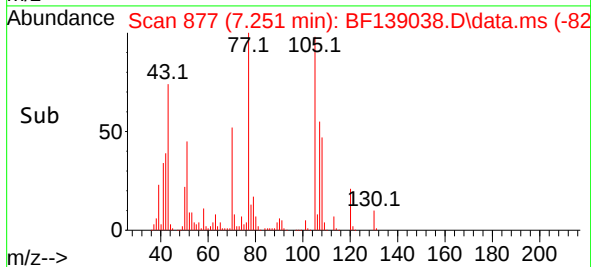
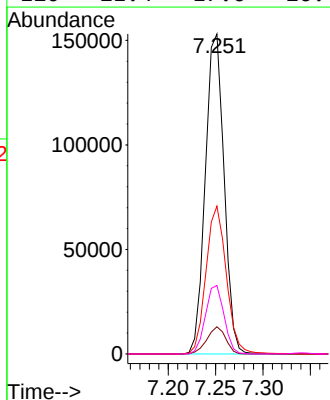
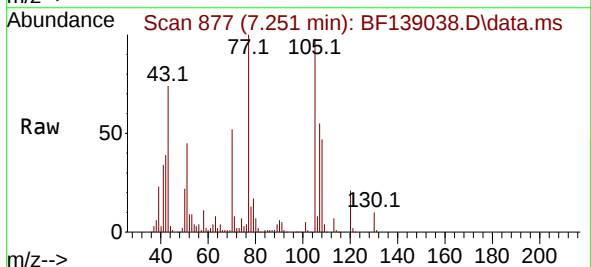
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2024
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#22
Acetophenone
Concen: 52.089 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:105 Resp: 210797
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 46.2 35.9 53.9
120 21.4 17.6 26.4





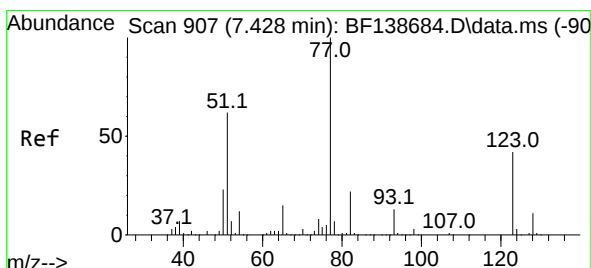
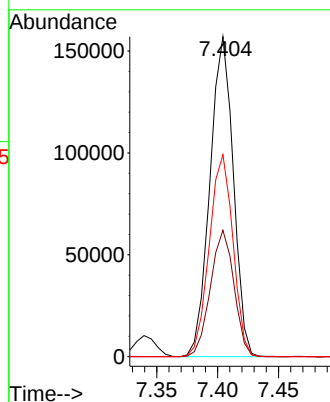
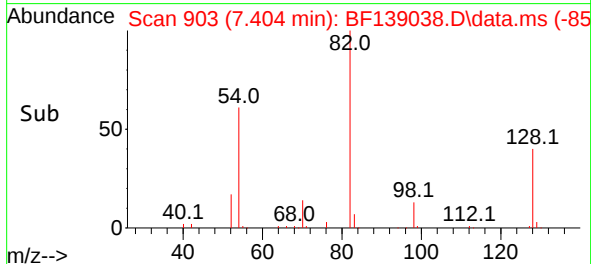
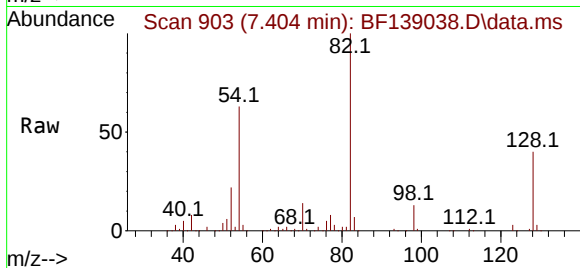
#23
Nitrobenzene-d5
Concen: 62.091 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS

Tgt Ion: 82 Resp: 20990
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.1 48.3 72.5

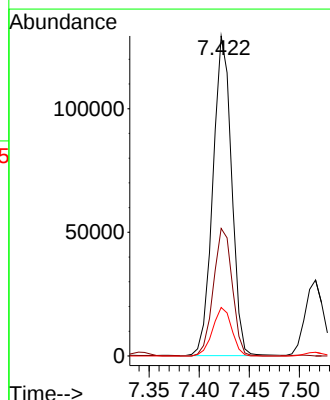
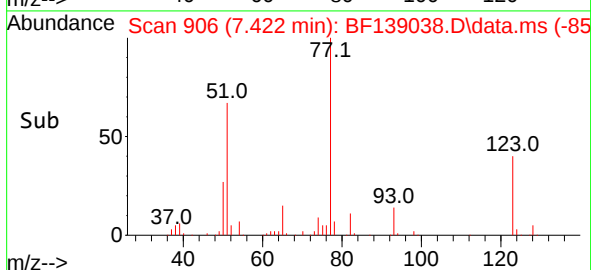
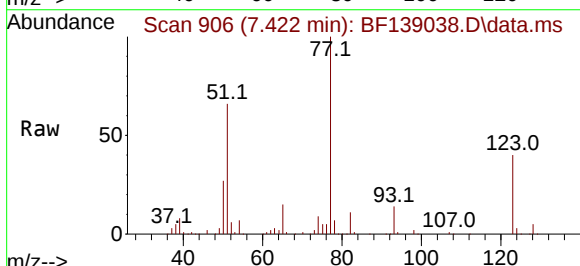
Manual Integrations
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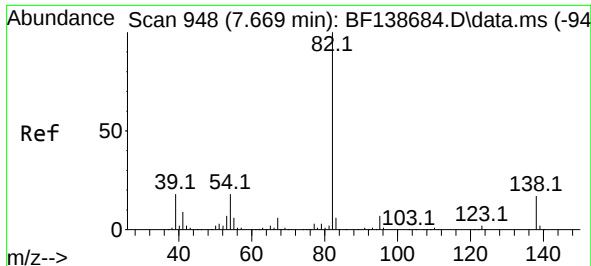
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#24
Nitrobenzene
Concen: 48.732 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

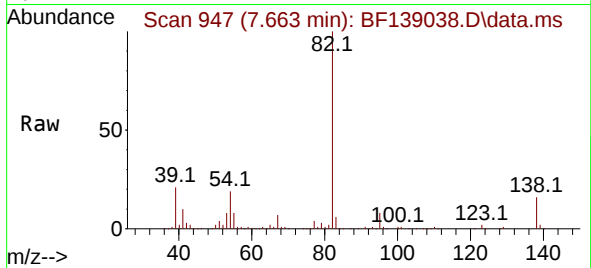
Tgt Ion: 77 Resp: 167636
Ion Ratio Lower Upper
77 100
123 39.8 33.3 49.9
65 15.2 11.9 17.9





#25
Isophorone
Concen: 50.187 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

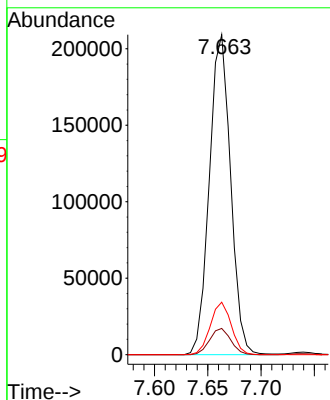
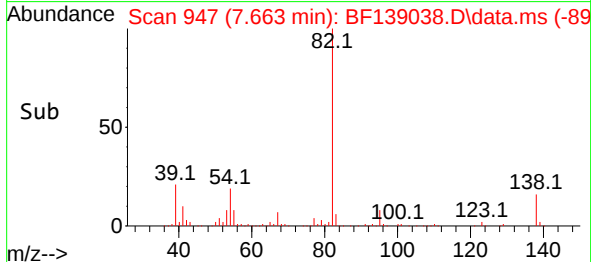
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion: 82 Resp: 289704
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.4 13.7 20.5

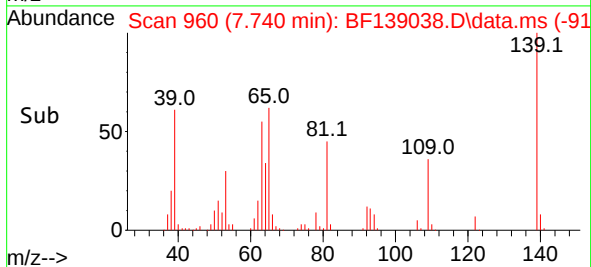
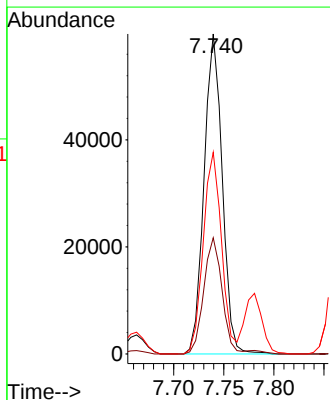
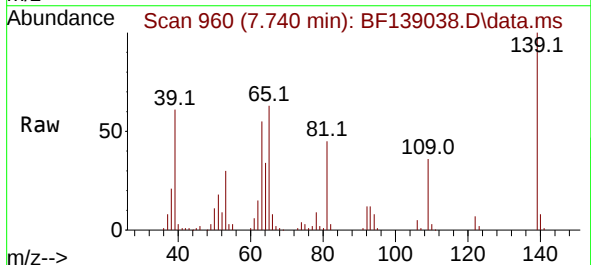
Manual Integrations
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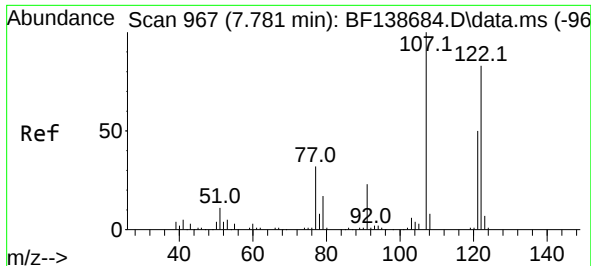
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 51.057 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

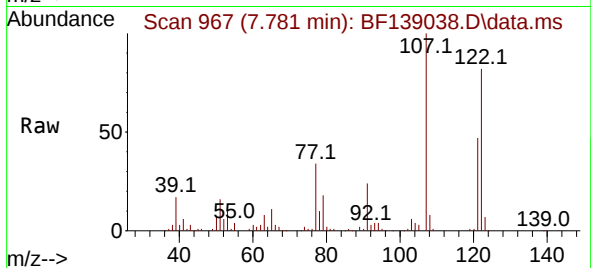
Tgt Ion:139 Resp: 75564
Ion Ratio Lower Upper
139 100
109 36.3 25.9 38.9
65 63.0 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 60.564 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

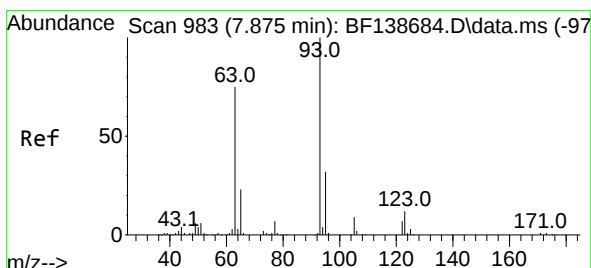
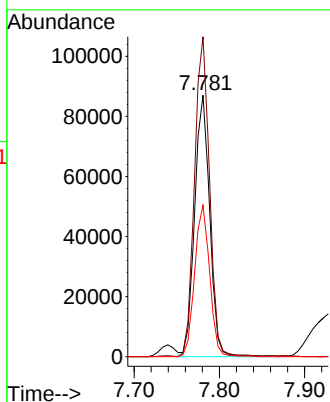
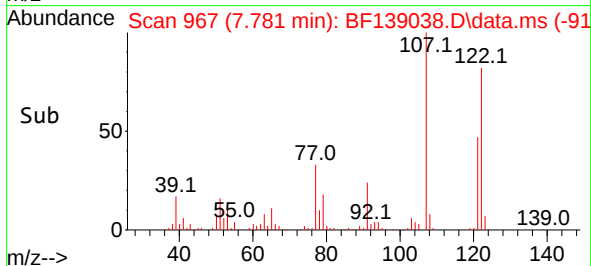
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:122 Resp: 10724
Ion Ratio Lower Upper
122 100
107 122.4 95.0 142.6
121 57.9 47.3 70.9

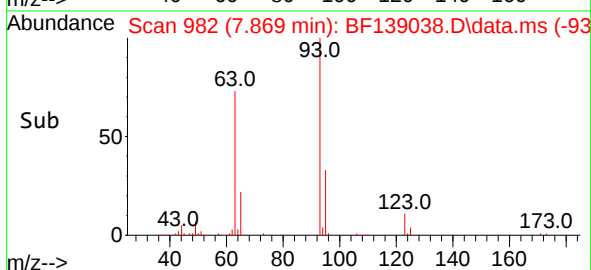
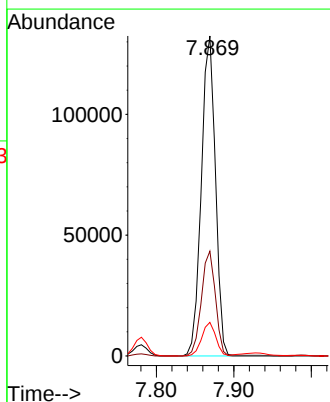
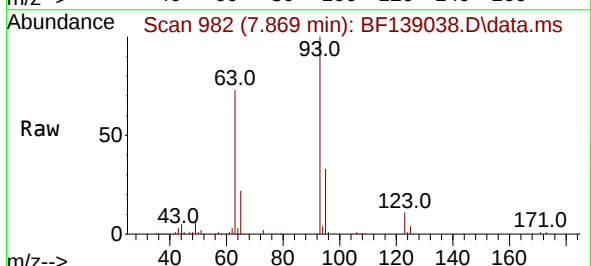
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.758 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 93 Resp: 167881
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.528 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF139038.D

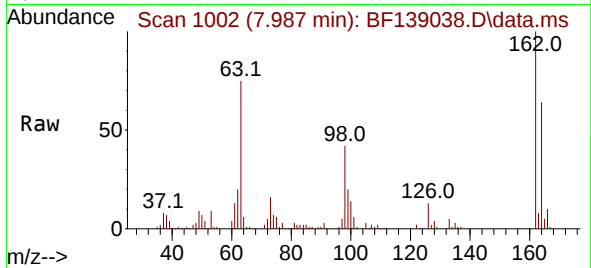
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS

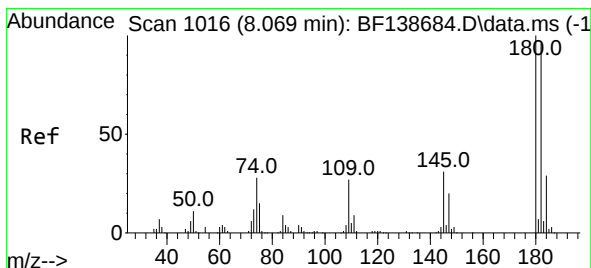
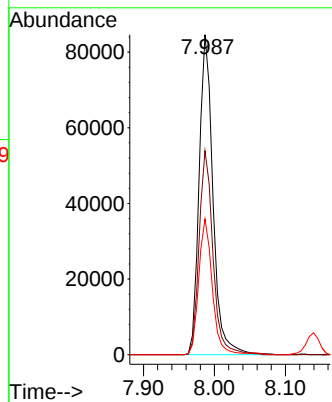
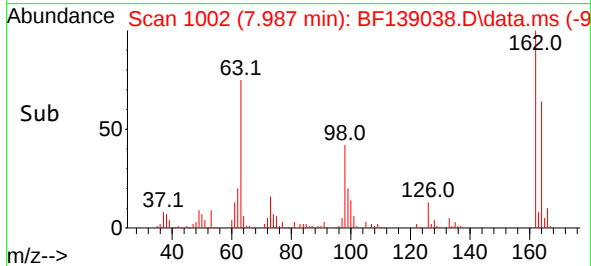


Tgt Ion:162	Resp:	114972
Ion Ratio	Lower	Upper
162	100	
164	63.7	44.7 84.7
98	42.4	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.911 ng

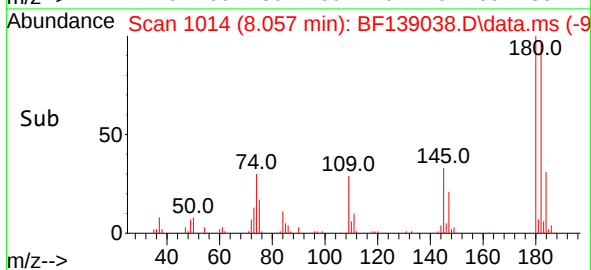
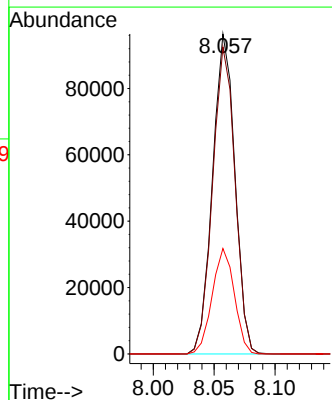
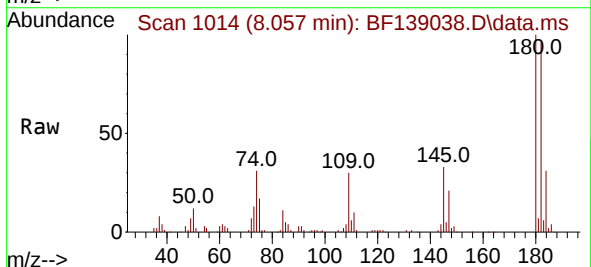
RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

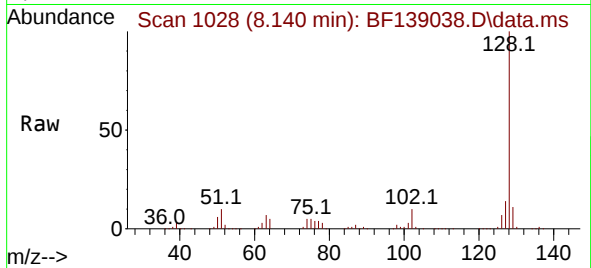
Tgt Ion:180	Resp:	123181
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.9 115.3
145	33.0	25.0 37.4





#31
Naphthalene
Concen: 47.783 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

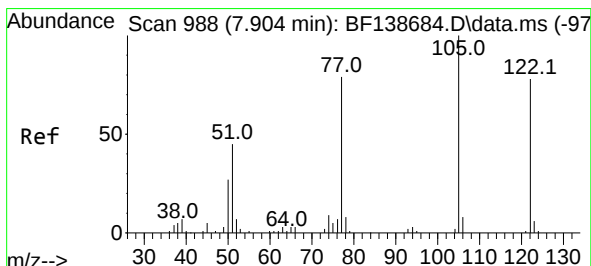
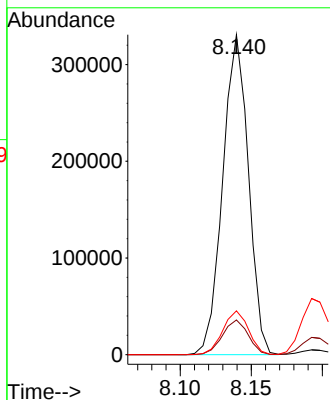
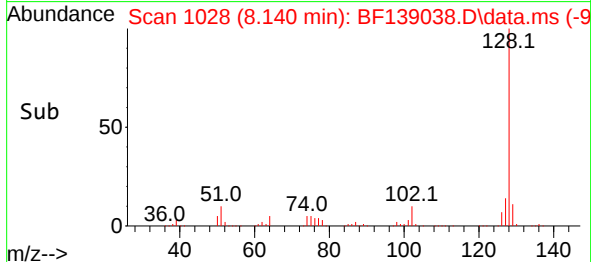
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:128 Resp: 415710
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.7 10.6 16.0

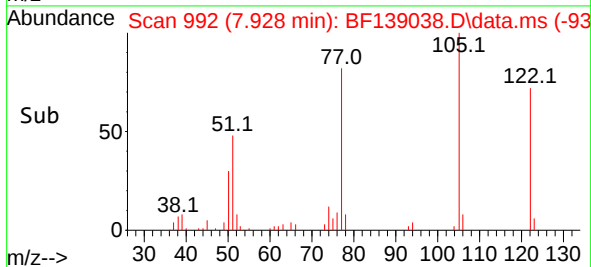
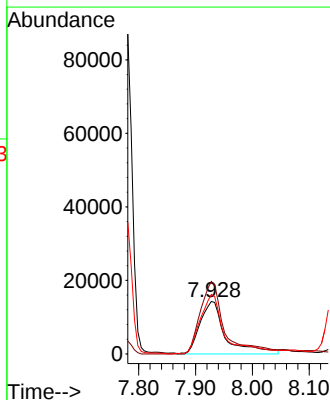
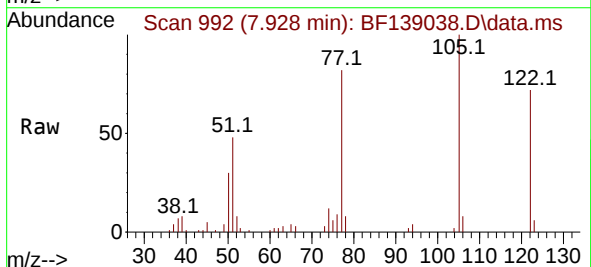
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 32.342 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:122 Resp: 45018
Ion Ratio Lower Upper
122 100
105 138.0 106.7 146.7
77 113.5 81.1 121.1





#33

4-Chloroaniline

Concen: 31.625 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

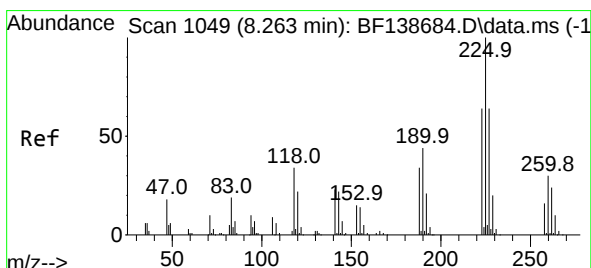
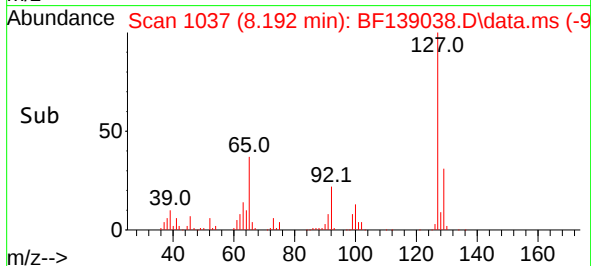
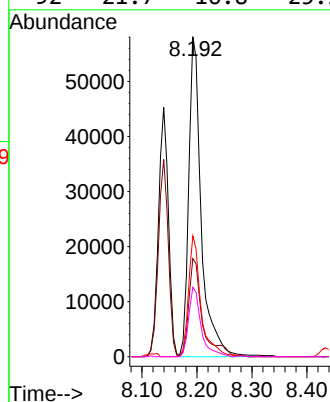
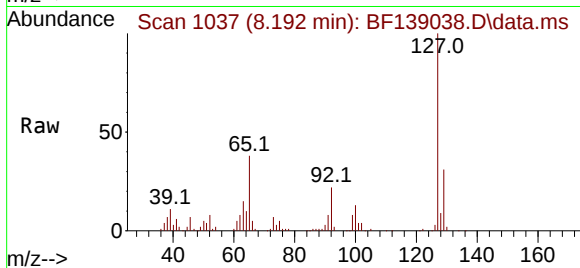
S-856-J-SO-1-1.5-080924MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	37.8	27.6	41.4
92	21.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#34

Hexachlorobutadiene

Concen: 49.364 ng

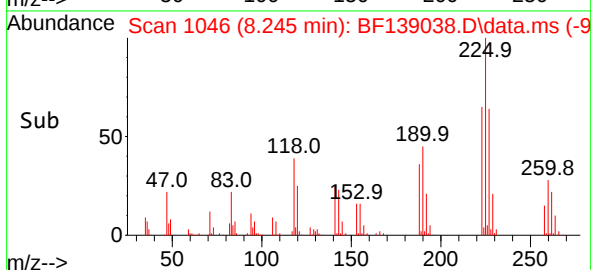
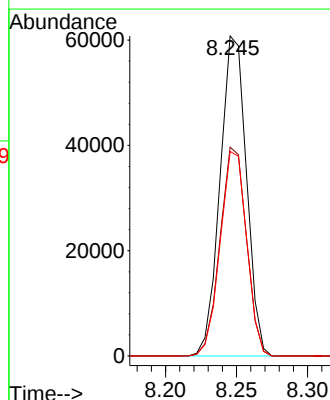
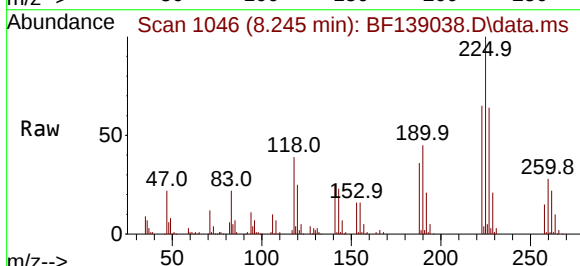
RT: 8.245 min Scan# 1046

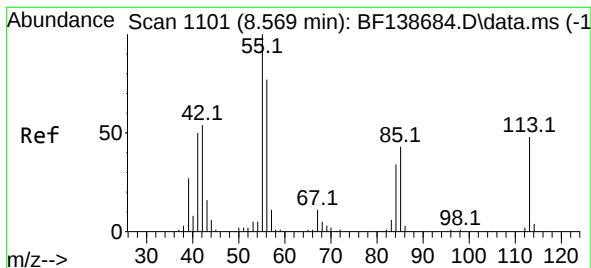
Delta R.T. -0.018 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.2	76.8
227	63.9	51.1	76.7





#35

Caprolactam

Concen: 52.176 ng m

RT: 8.575 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

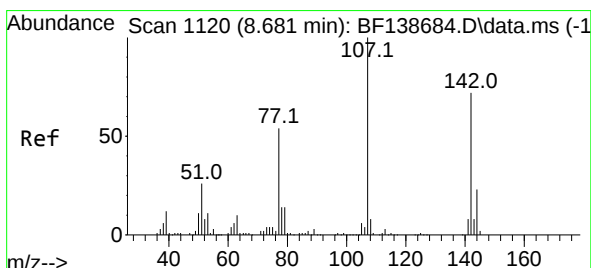
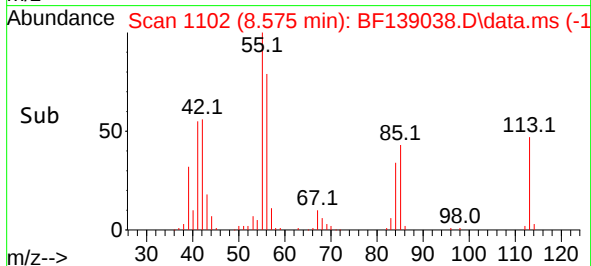
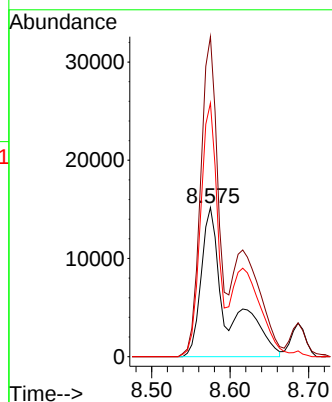
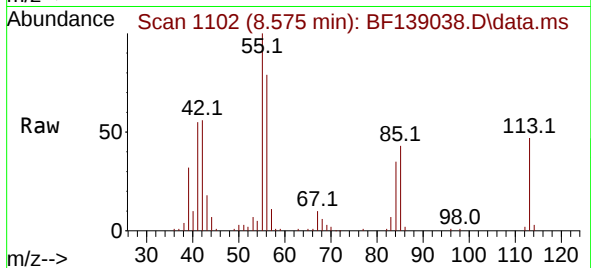
S-856-J-SO-1-1.5-080924MS

Tgt Ion:113	Resp:	3542
Ion Ratio	Lower	Upper
113	100	
55	214.5	186.7 226.7
56	169.9	138.9 178.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#36

4-Chloro-3-methylphenol

Concen: 51.980 ng

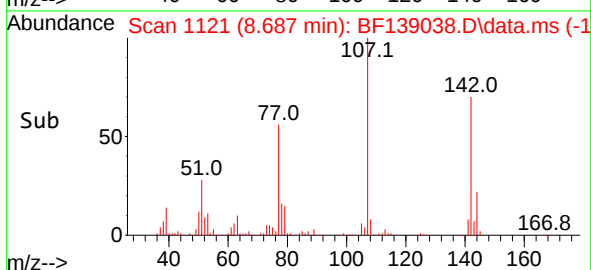
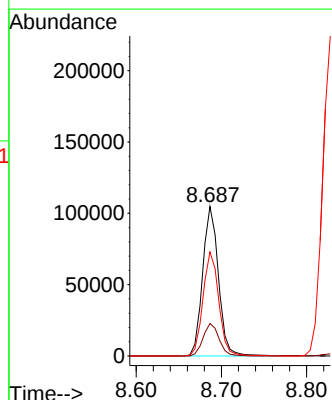
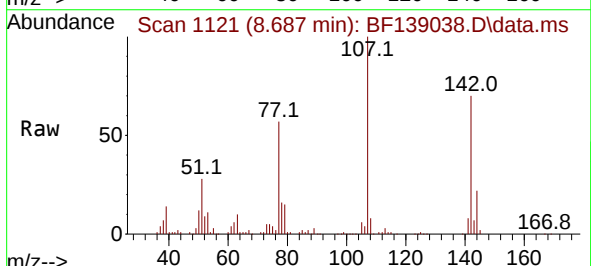
RT: 8.687 min Scan# 1121

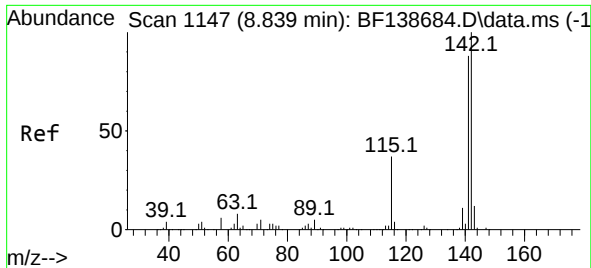
Delta R.T. 0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:107	Resp:	135172
Ion Ratio	Lower	Upper
107	100	
144	21.7	18.2 27.2
142	69.7	57.4 86.2





#37

2-Methylnaphthalene

Concen: 50.191 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS

Tgt Ion:142 Resp: 275772

Ion Ratio Lower Upper

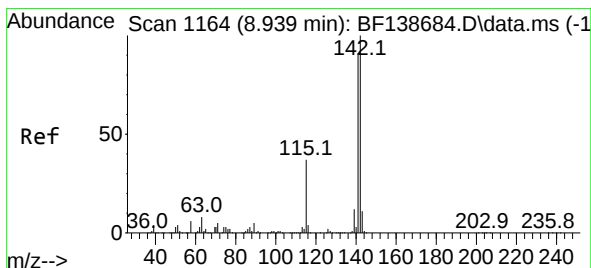
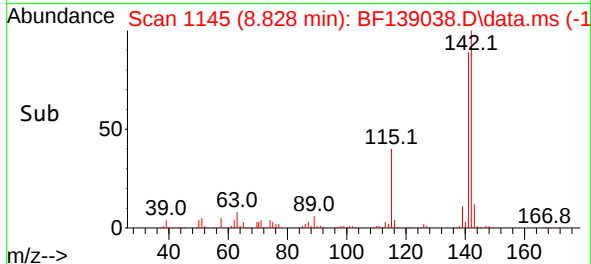
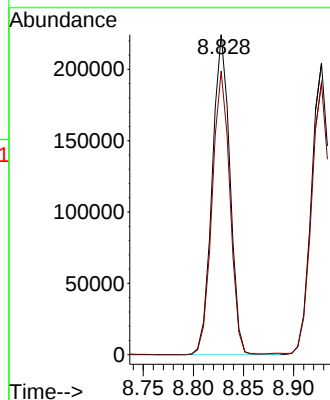
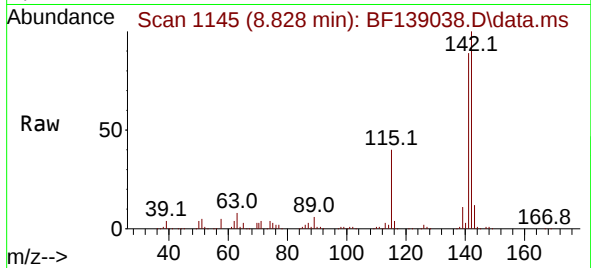
142 100

141 88.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#38

1-Methylnaphthalene

Concen: 46.900 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139038.D

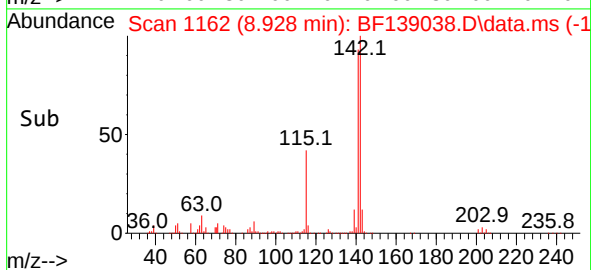
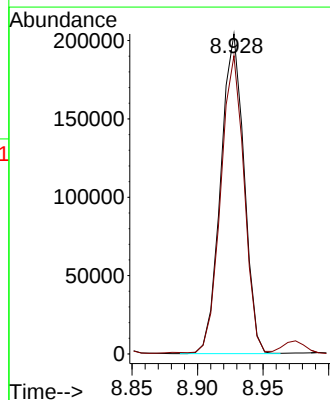
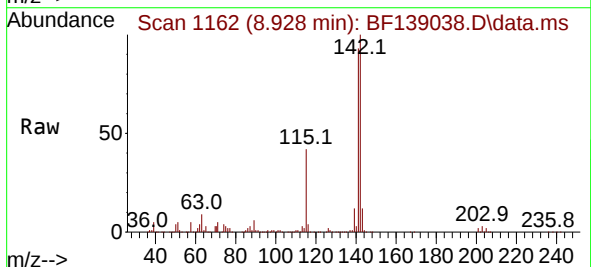
Acq: 15 Aug 2024 23:17

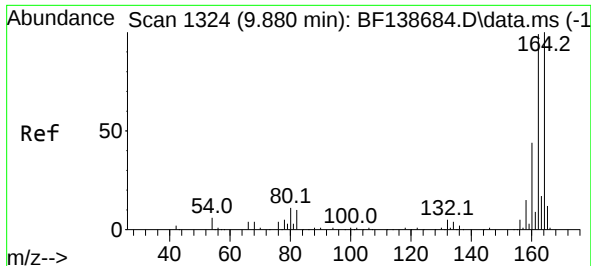
Tgt Ion:142 Resp: 252514

Ion Ratio Lower Upper

142 100

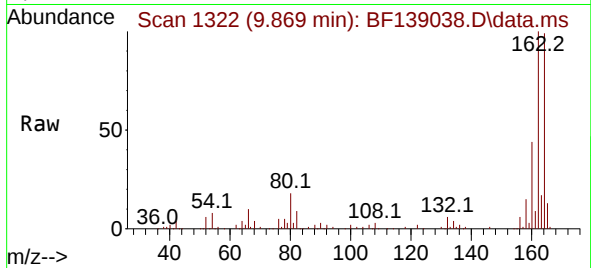
141 93.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

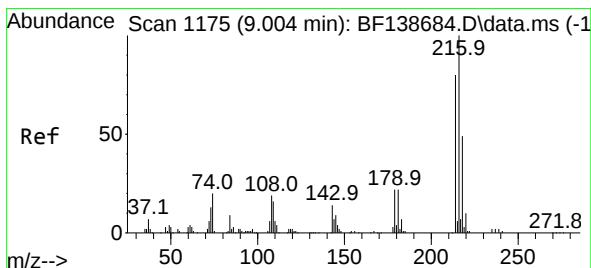
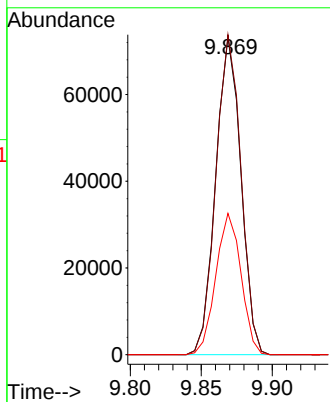
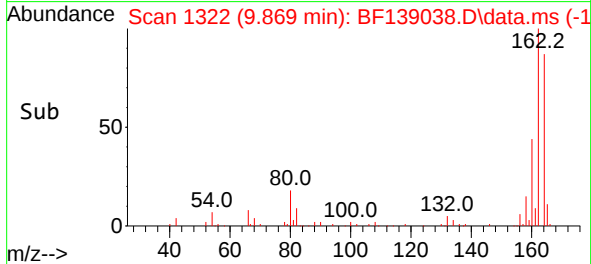
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:164 Resp: 9031
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.6 35.1 52.7

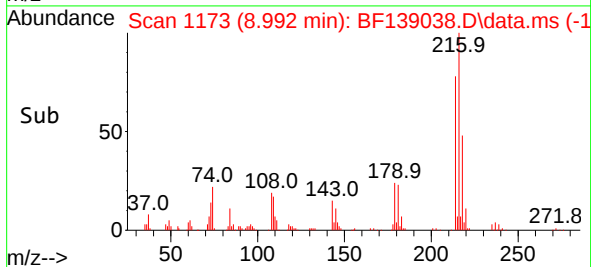
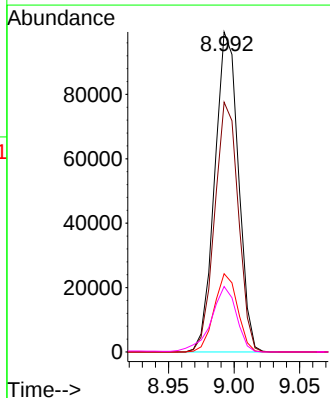
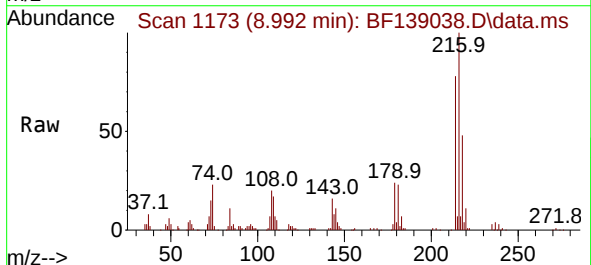
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.535 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

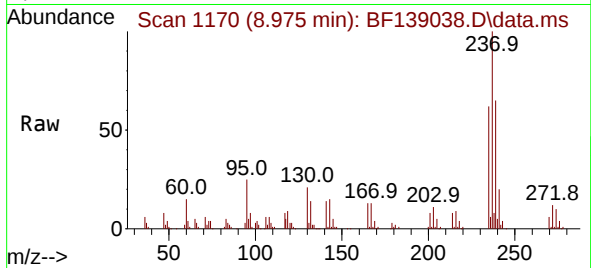
Tgt Ion:216 Resp: 124273
Ion Ratio Lower Upper
216 100
214 78.1 63.9 95.9
179 24.1 17.8 26.6
108 22.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 106.319 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

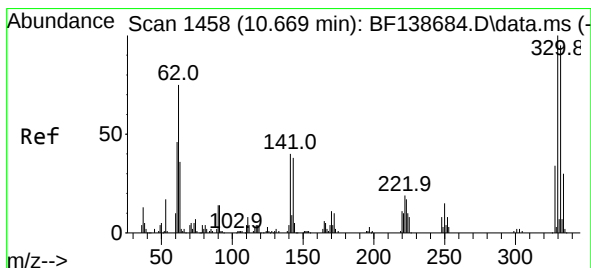
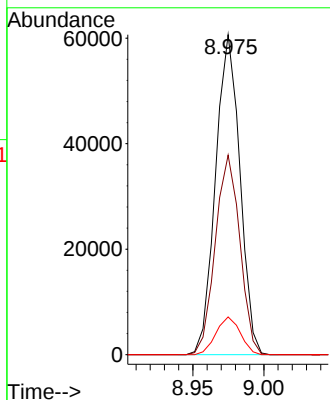
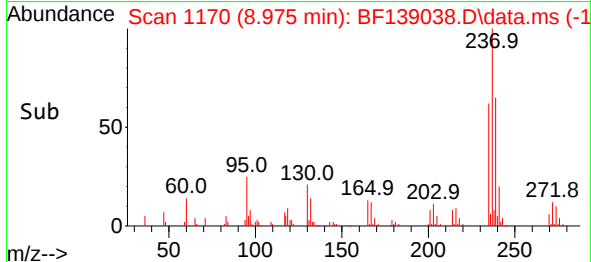
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:237 Resp: 7226
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 11.8 0.0 32.2

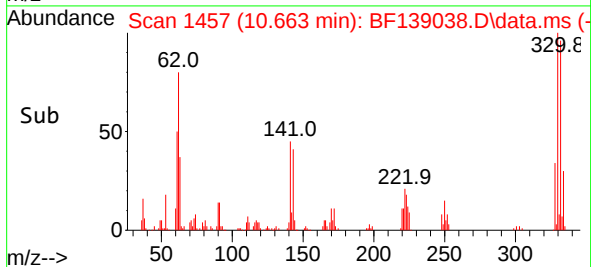
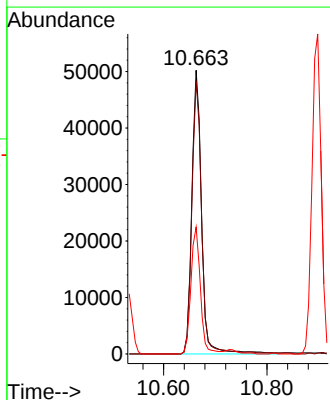
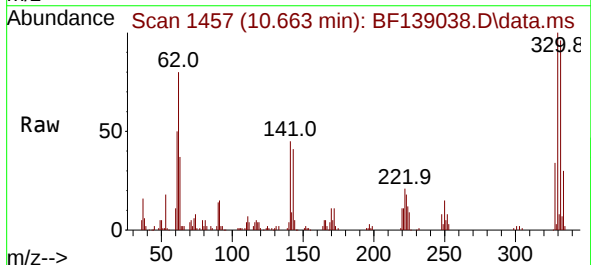
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#42
2,4,6-Tribromophenol
Concen: 88.975 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

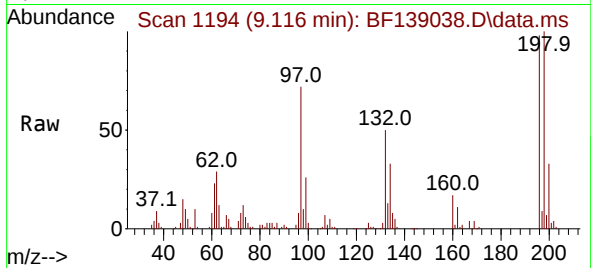
Tgt Ion:330 Resp: 65822
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 43.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 46.530 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

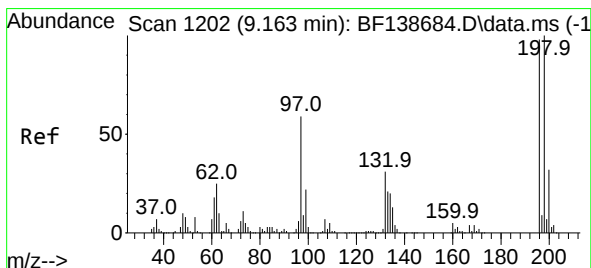
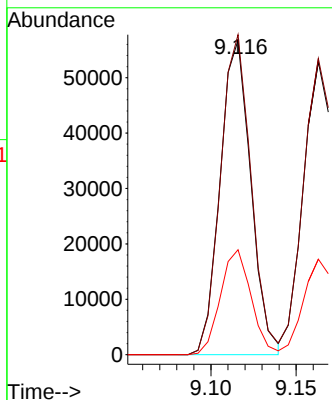
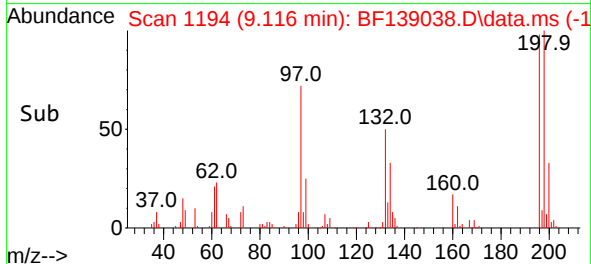
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



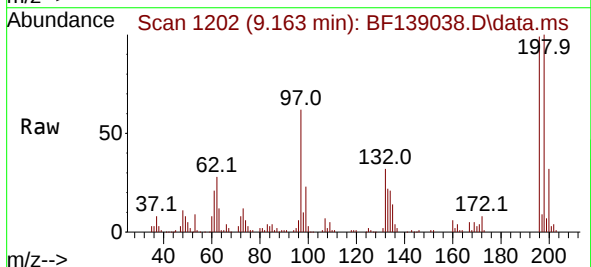
Tgt Ion:196 Resp: 71174
Ion Ratio Lower Upper
196 100
198 101.7 80.5 120.7
200 33.4 25.9 38.9

Manual Integrations
APPROVED

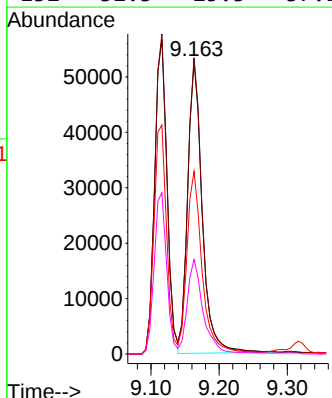
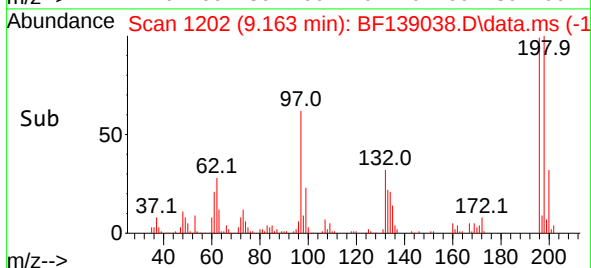
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

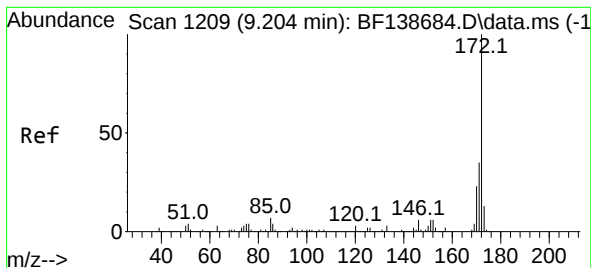


#44
2,4,5-Trichlorophenol
Concen: 46.359 ng
RT: 9.163 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



Tgt Ion:196 Resp: 77522
Ion Ratio Lower Upper
196 100
198 101.2 81.2 121.8
97 62.3 47.8 71.6
132 32.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 61.239 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139038.D

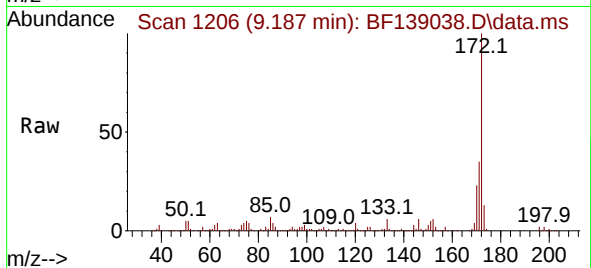
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS



Tgt Ion:172 Resp: 36810

Ion Ratio Lower Upper

172 100

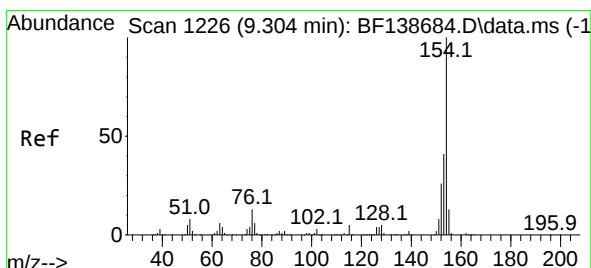
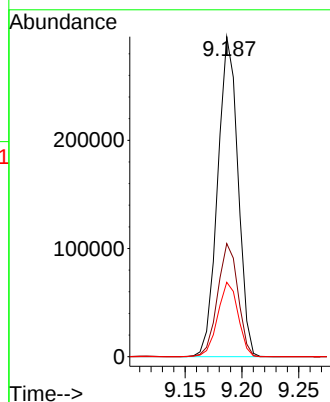
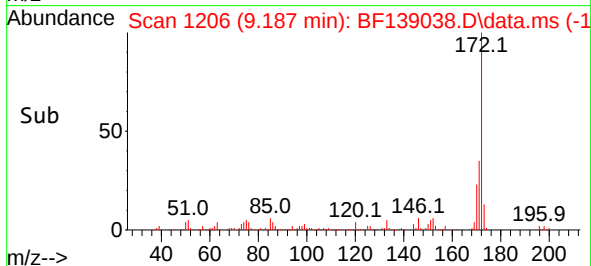
171 35.4 28.3 42.5

170 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#46

1,1'-Biphenyl

Concen: 49.138 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

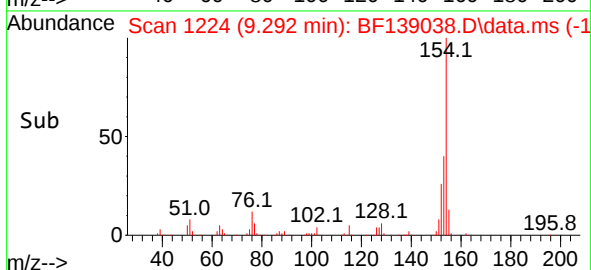
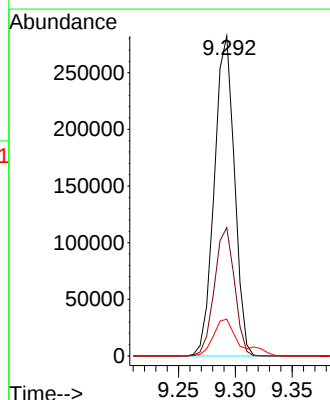
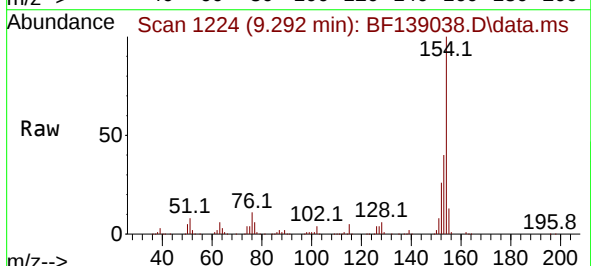
Tgt Ion:154 Resp: 347565

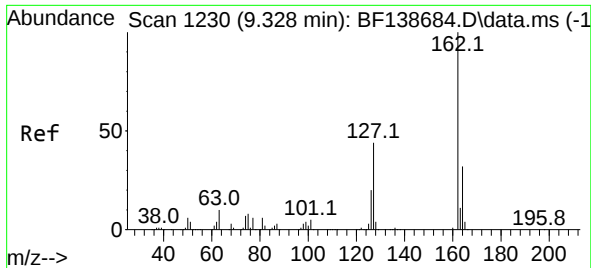
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

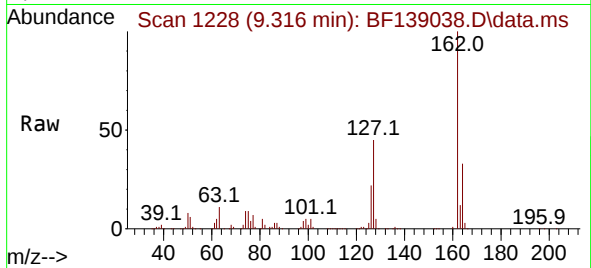
76 11.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 48.077 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

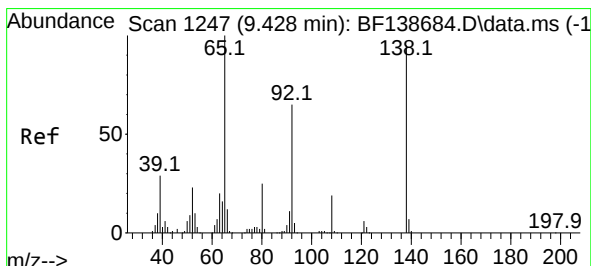
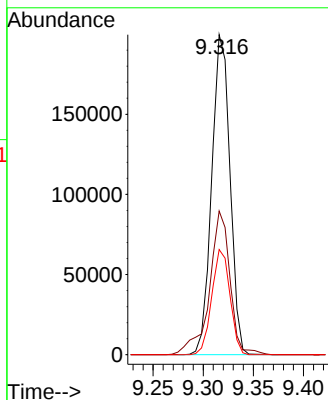
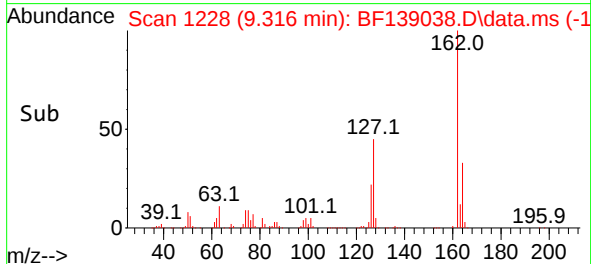
Instrument : BNA_F
ClientSampleId : S-856-J-SO-1-1.5-080924MS



Tgt Ion: 162 Resp: 252912
Ion Ratio Lower Upper
162 100
127 44.9 35.4 53.2
164 32.9 25.6 38.4

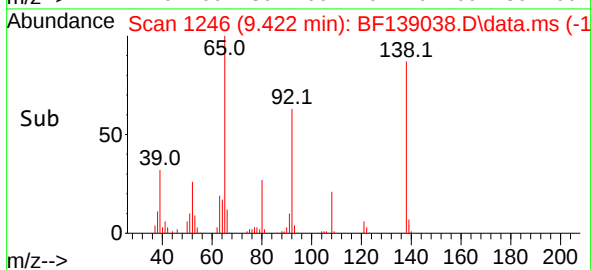
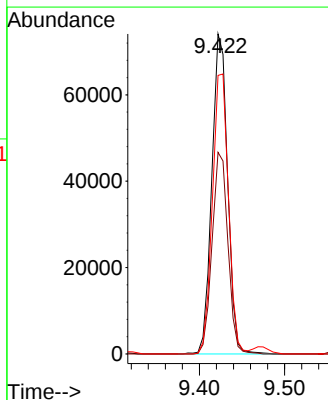
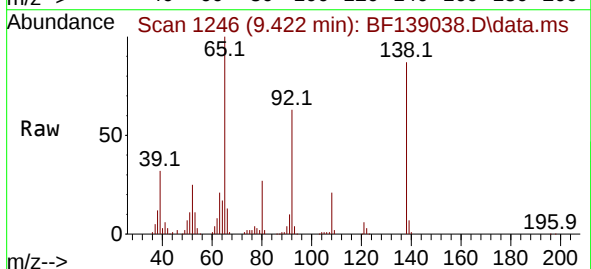
Manual Integrations
APPROVED

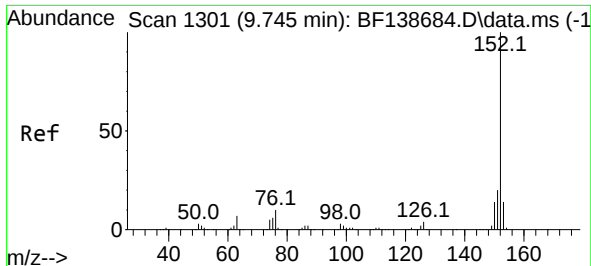
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48
2-Nitroaniline
Concen: 53.639 ng
RT: 9.422 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

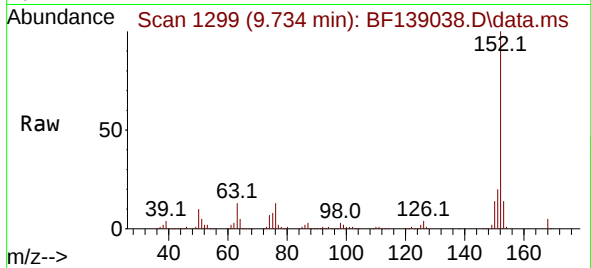
Tgt Ion: 65 Resp: 95659
Ion Ratio Lower Upper
65 100
92 63.0 52.0 78.0
138 87.1 76.2 114.4





#49
Acenaphthylene
Concen: 52.012 ng
RT: 9.734 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

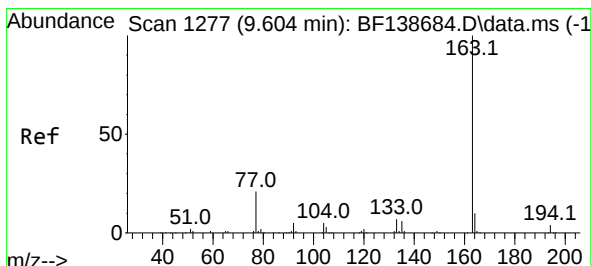
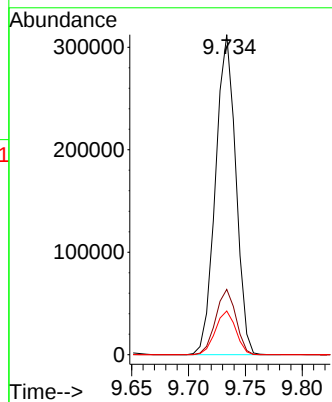
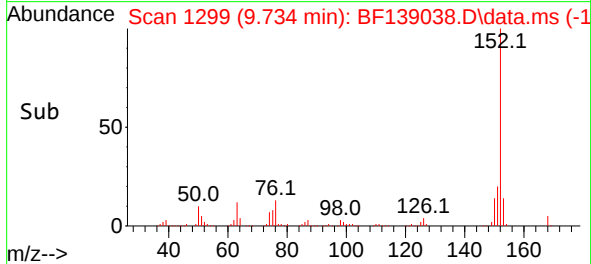
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:152 Resp: 38806
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.7 11.0 16.4

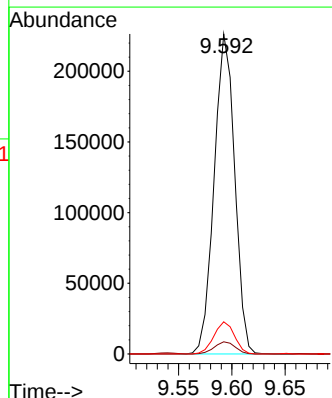
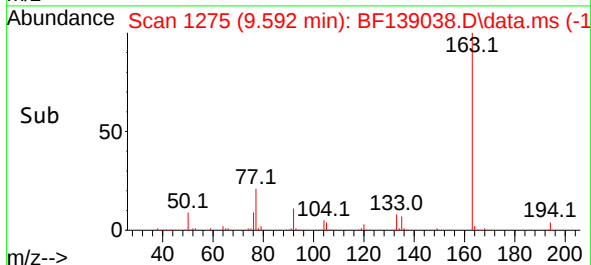
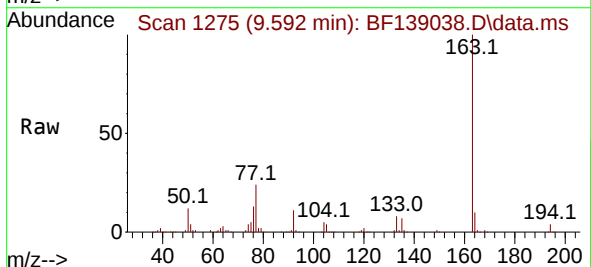
Manual Integrations
APPROVED

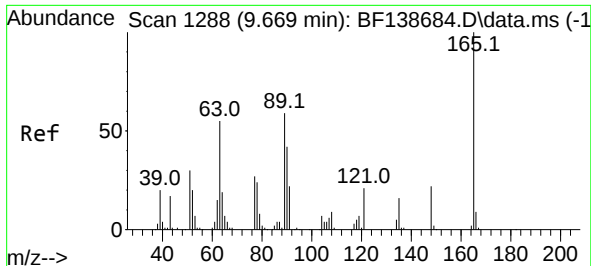
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#50
Dimethylphthalate
Concen: 52.460 ng
RT: 9.592 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

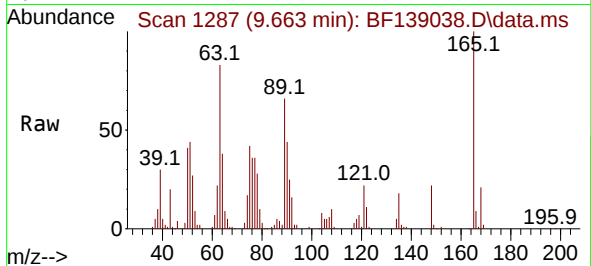
Tgt Ion:163 Resp: 302944
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 50.383 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

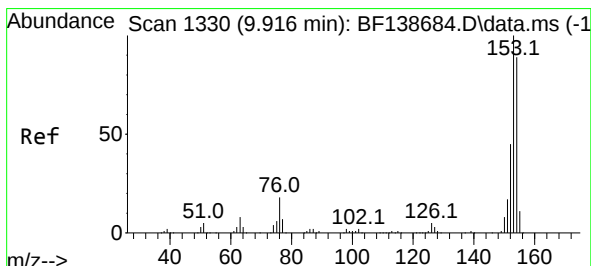
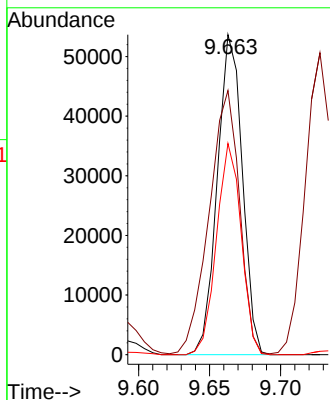
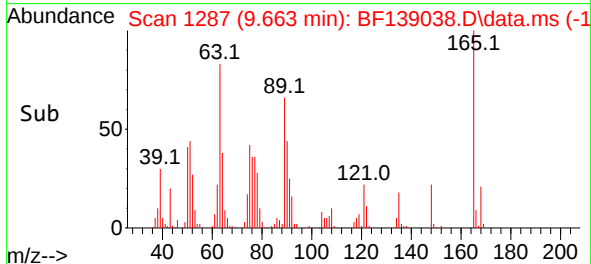
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:165 Resp: 6566
Ion Ratio Lower Upper
165 100
63 82.6 52.0 78.0
89 66.0 47.0 70.6

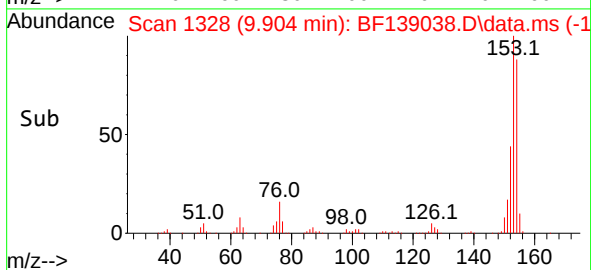
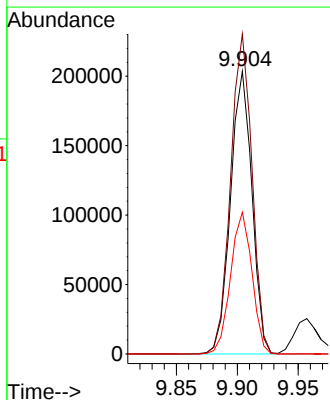
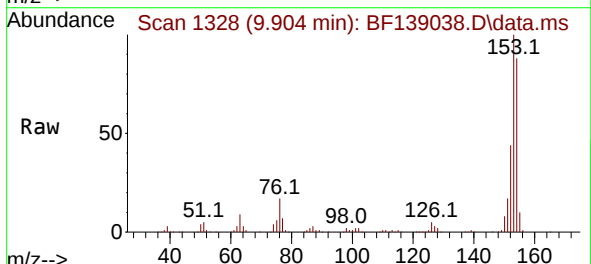
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 49.645 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:154 Resp: 248990
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 36.381 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS

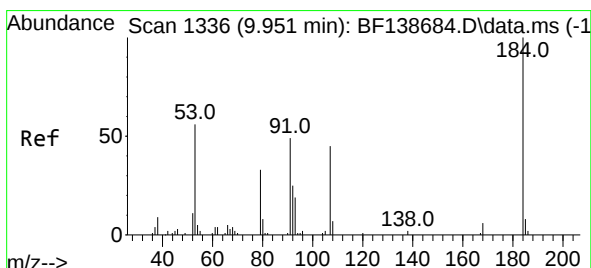
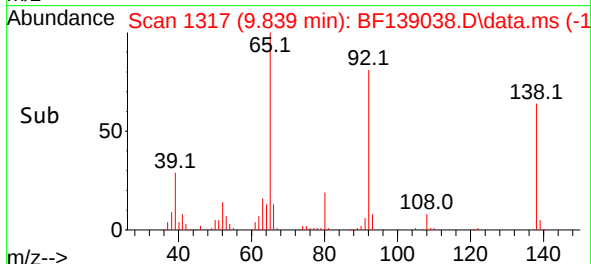
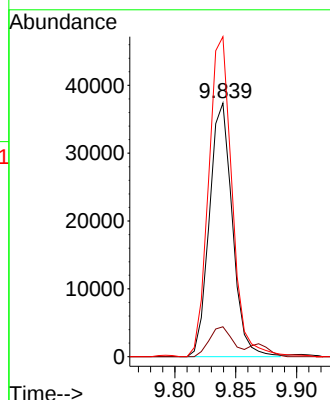
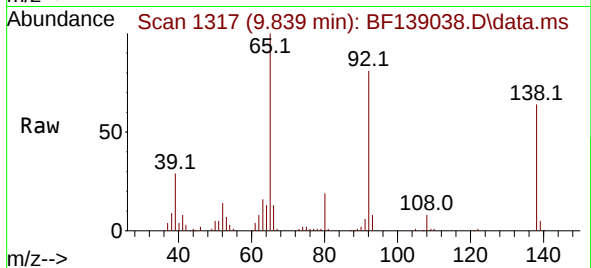
Tgt Ion:138 Resp: 4901

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	126.2	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#54

2,4-Dinitrophenol

Concen: 87.122 ng

RT: 9.957 min Scan# 1337

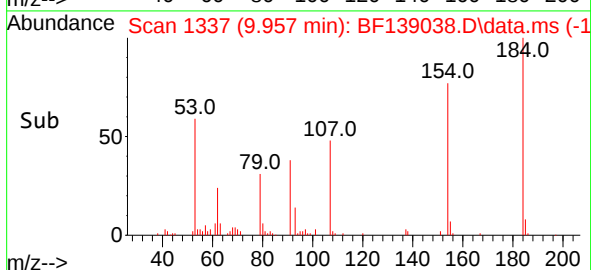
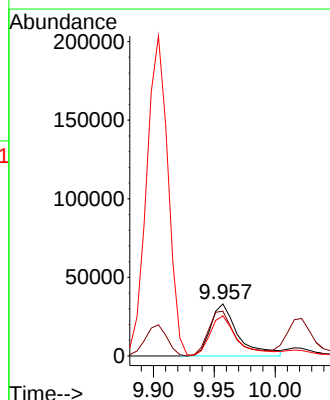
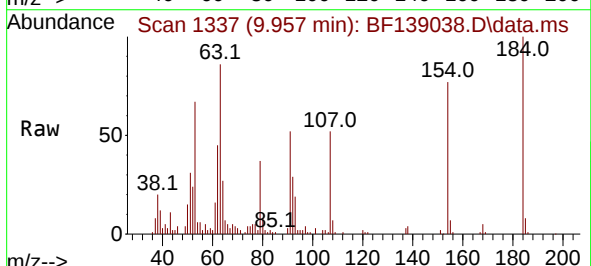
Delta R.T. 0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:184 Resp: 52267

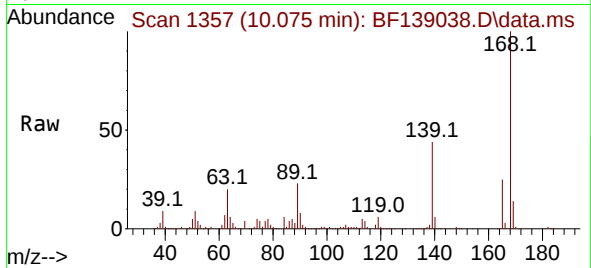
Ion	Ratio	Lower	Upper
184	100		
63	86.2	57.5	86.3
154	77.2	51.7	77.5





#55
Dibenzenofuran
Concen: 50.749 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

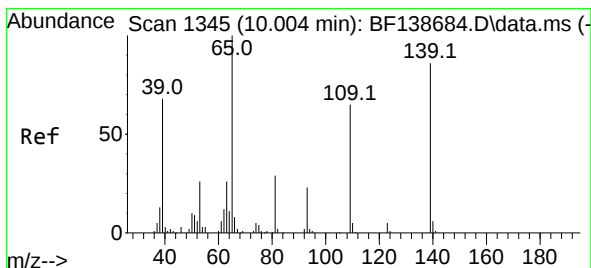
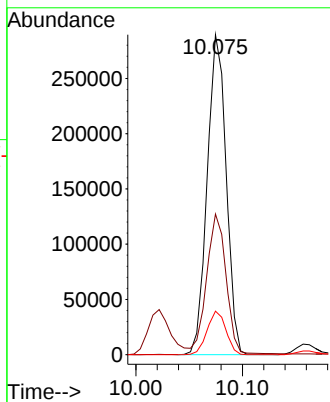
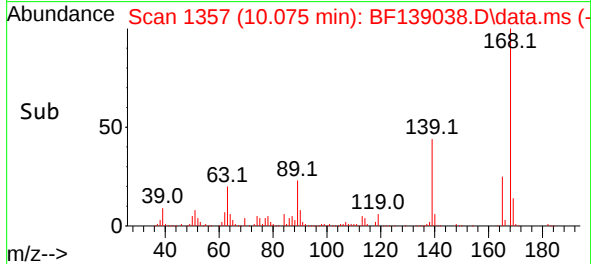
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:168 Resp: 35929
Ion Ratio Lower Upper
168 100
139 43.9 32.6 49.0
169 13.6 10.7 16.1

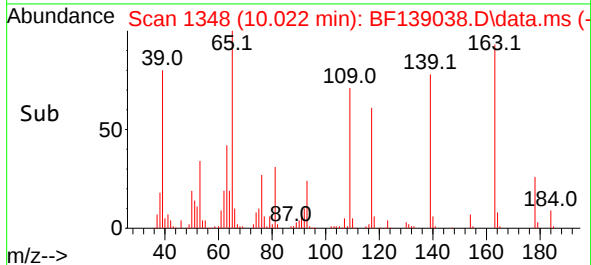
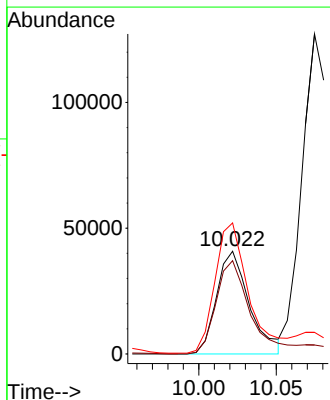
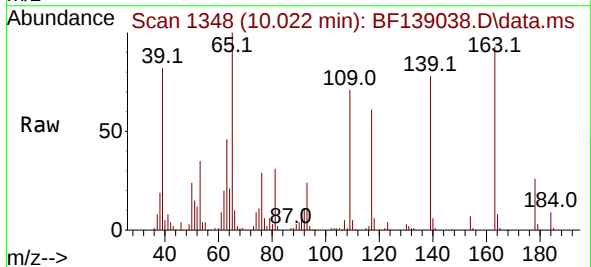
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#56
4-Nitrophenol
Concen: 74.345 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

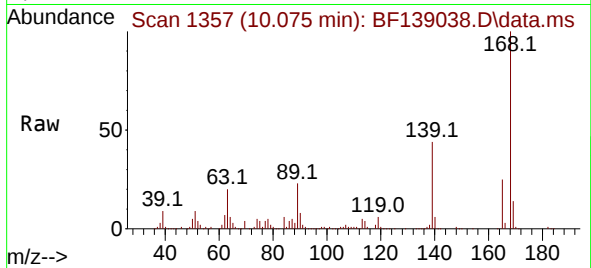
Tgt Ion:139 Resp: 60233
Ion Ratio Lower Upper
139 100
109 90.8 55.5 95.5
65 127.4 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 52.491 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

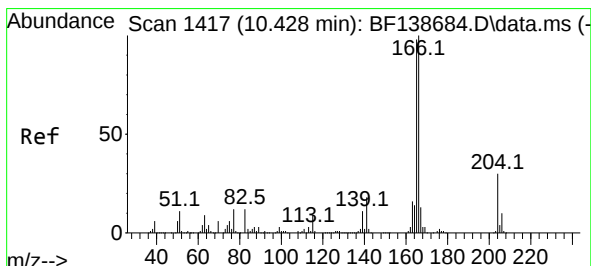
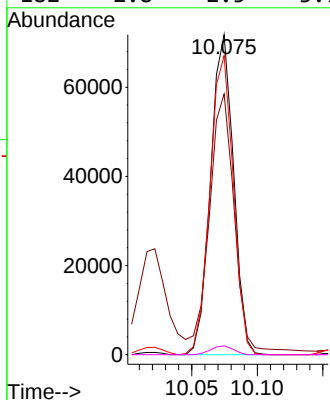
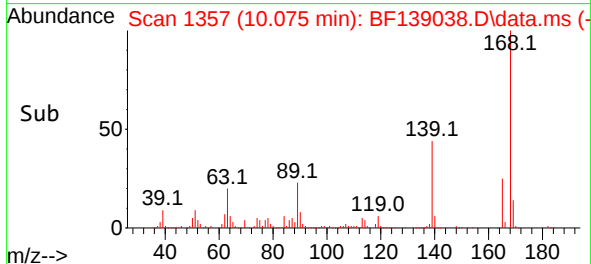
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:165 Resp: 87279
Ion Ratio Lower Upper
165 100
63 81.4 46.3 69.5
89 93.4 64.2 96.4
182 2.8 2.5 3.7

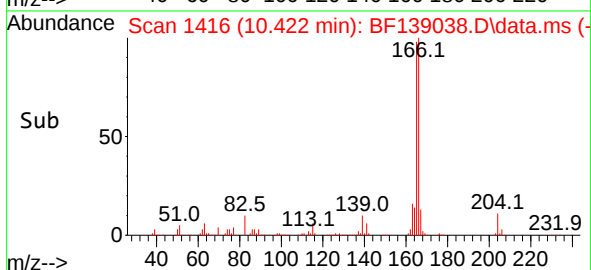
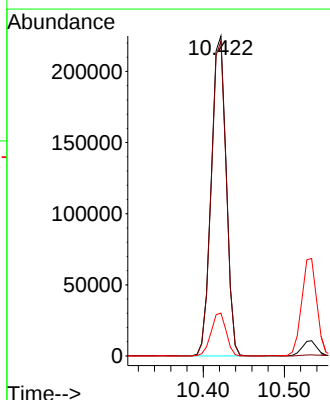
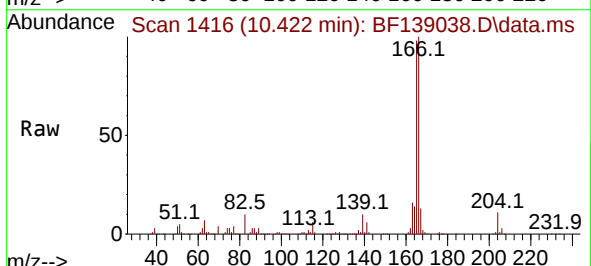
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#58
Fluorene
Concen: 51.134 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

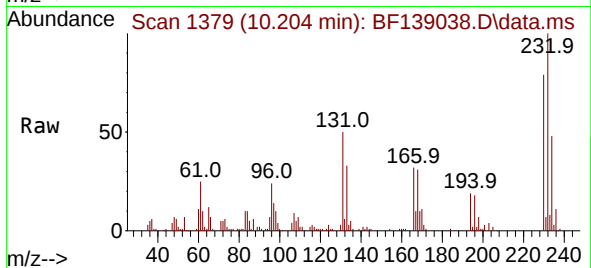
Tgt Ion:166 Resp: 288288
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.913 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

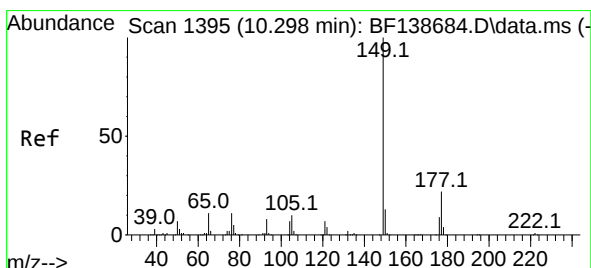
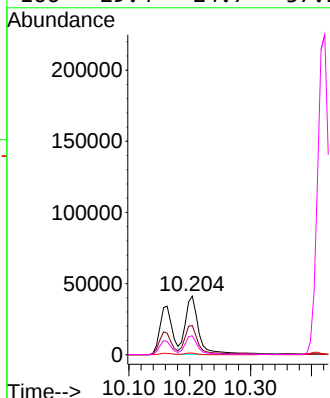
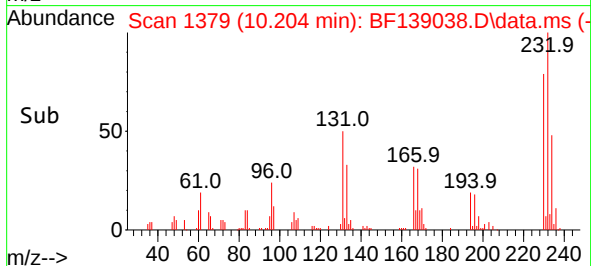
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



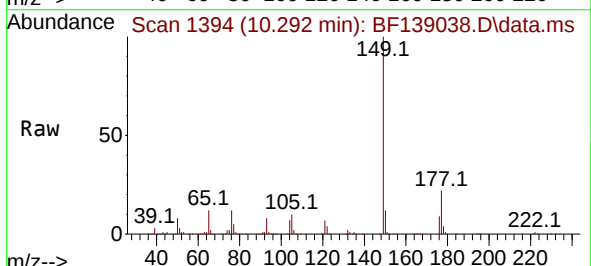
Tgt Ion:232 Resp: 6253
Ion Ratio Lower Upper
232 100
131 50.2 37.0 55.4
130 2.6 2.0 3.0
166 29.4 24.7 37.1

Manual Integrations
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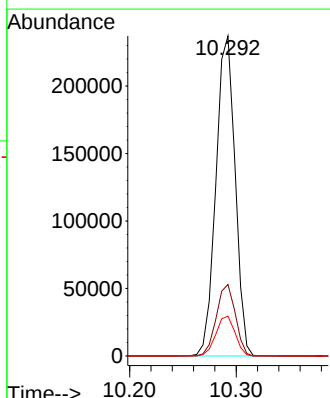
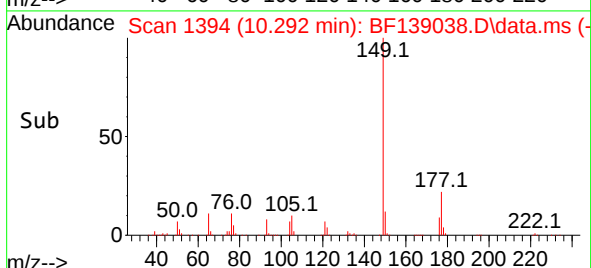
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

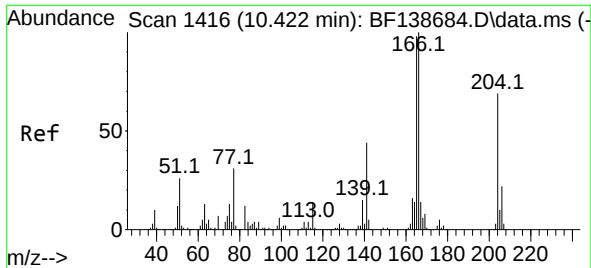


#60
Diethylphthalate
Concen: 54.144 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



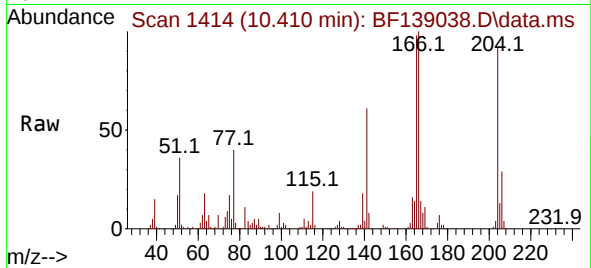
Tgt Ion:149 Resp: 296462
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.176 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

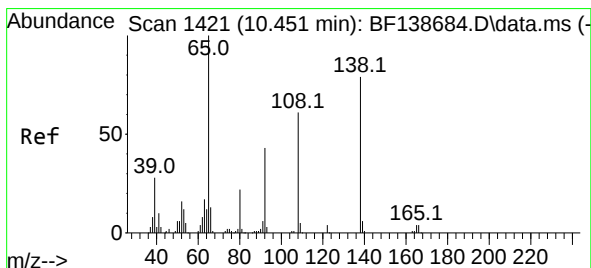
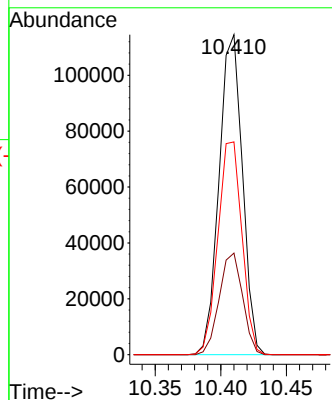
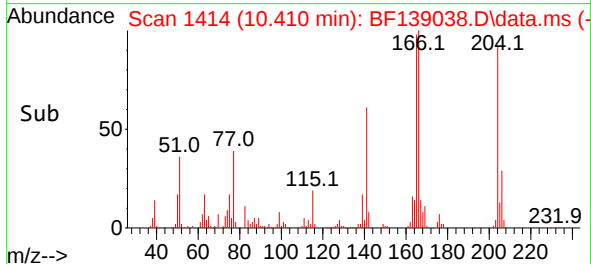
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:204 Resp: 14190
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 66.5 51.4 77.0

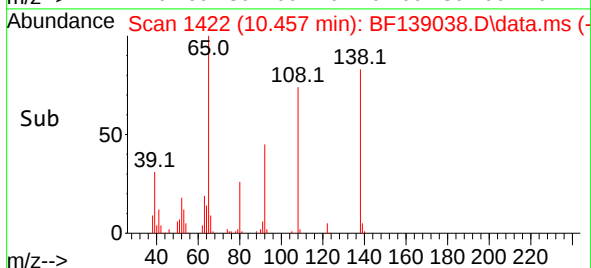
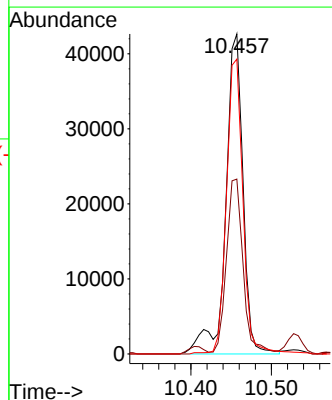
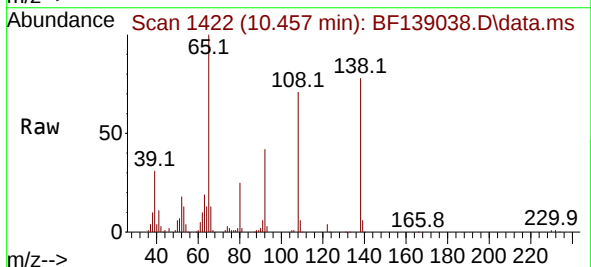
Manual Integrations
APPROVED

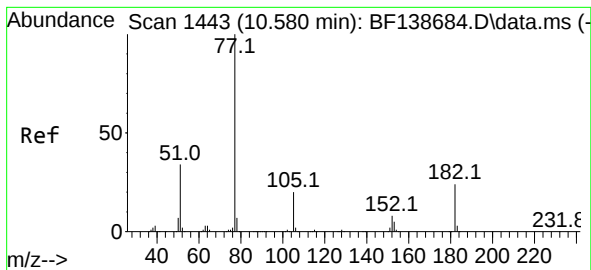
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#62
4-Nitroaniline
Concen: 49.557 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

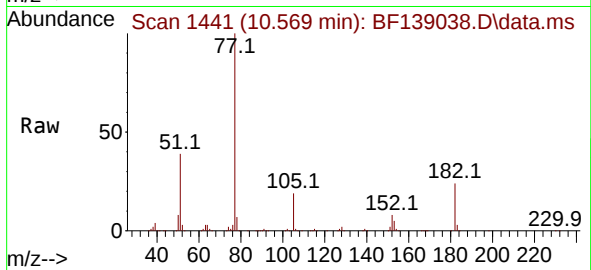
Tgt Ion:138 Resp: 63449
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 92.1 56.2 96.2





#63
Azobenzene
Concen: 51.033 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

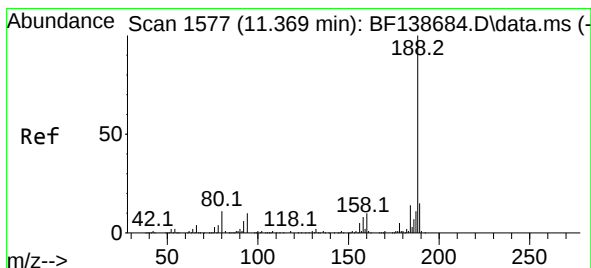
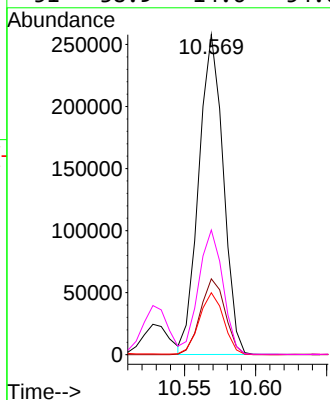
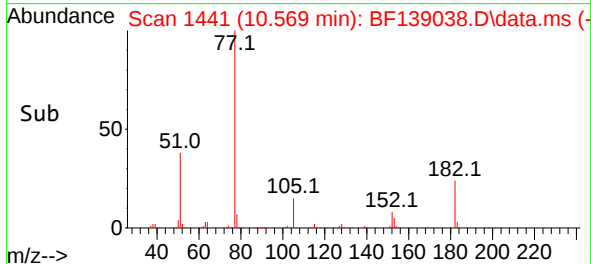
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion: 77 Resp: 30991
Ion Ratio Lower Upper
77 100
182 23.7 3.4 43.4
105 19.3 0.2 40.2
51 38.9 14.6 54.6

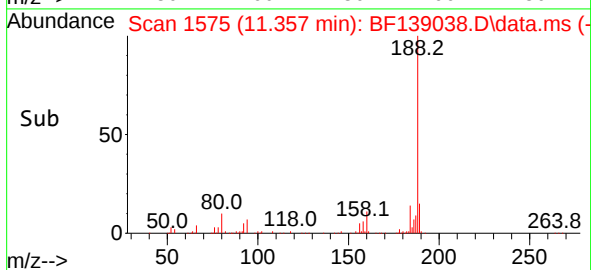
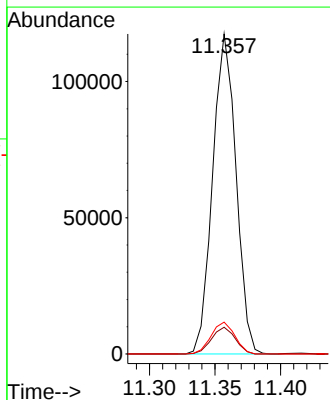
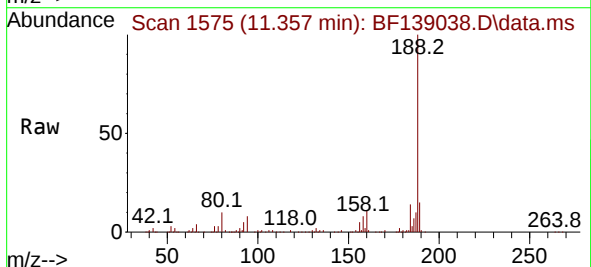
Manual Integrations
APPROVED

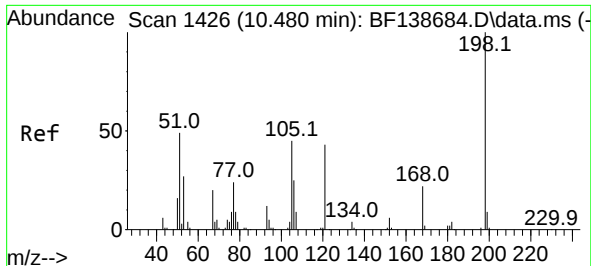
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

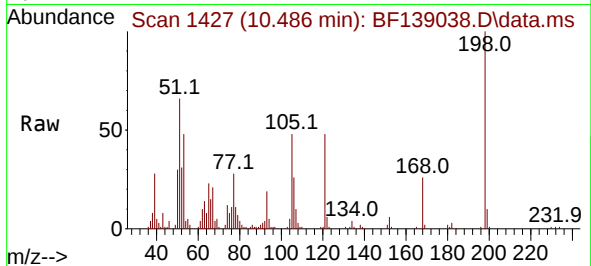
Tgt Ion:188 Resp: 145618
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.9 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.422 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

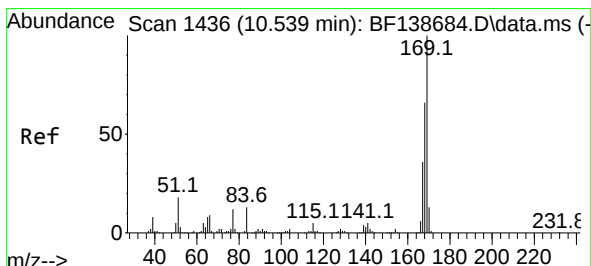
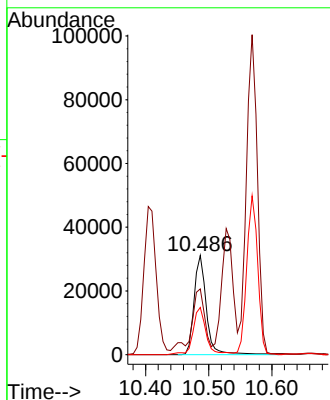
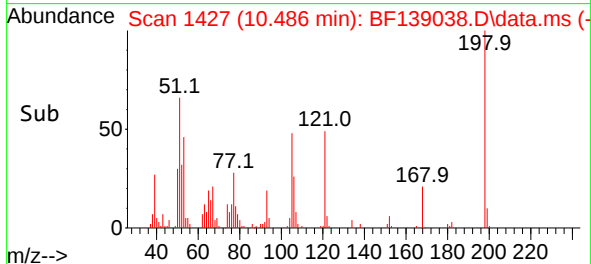
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



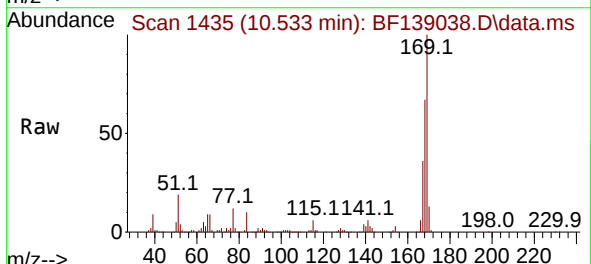
Tgt Ion:198 Resp: 42129
Ion Ratio Lower Upper
198 100
51 66.3 39.9 79.9
105 47.6 26.1 66.1

Manual Integrations
APPROVED

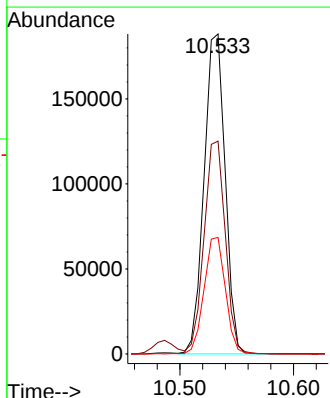
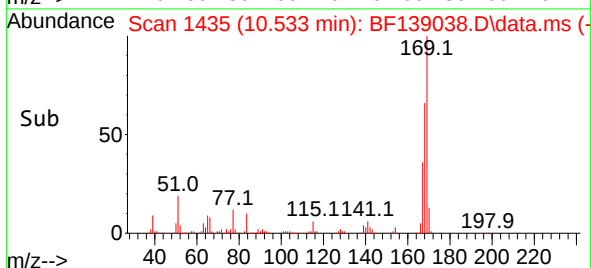
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

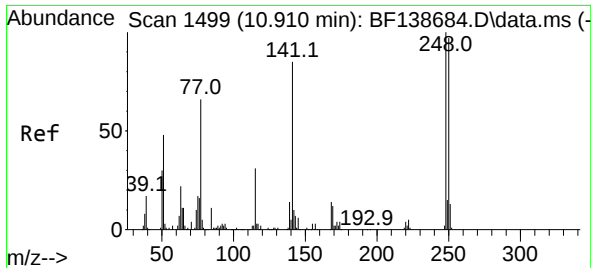


#66
n-Nitrosodiphenylamine
Concen: 53.199 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



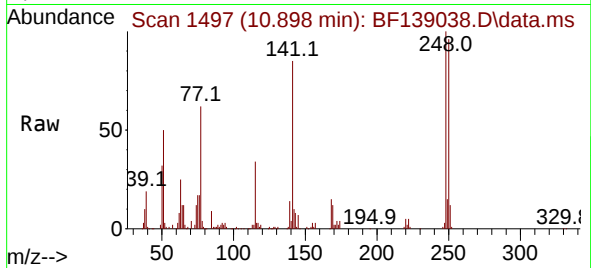
Tgt Ion:169 Resp: 242146
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.867 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

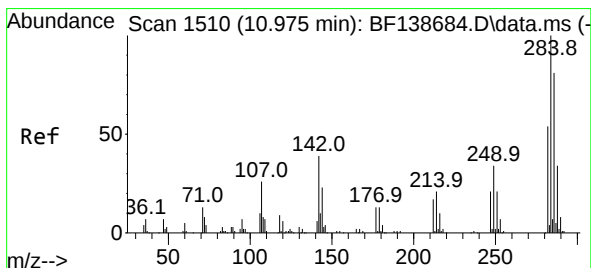
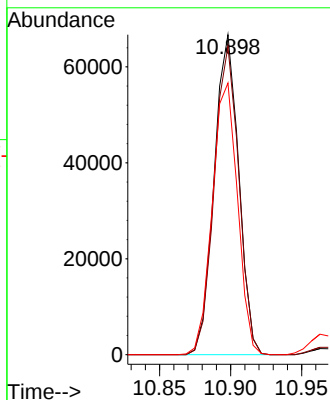
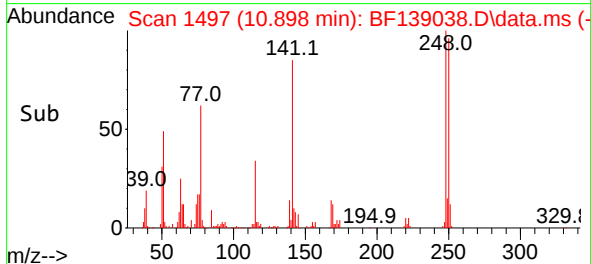
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



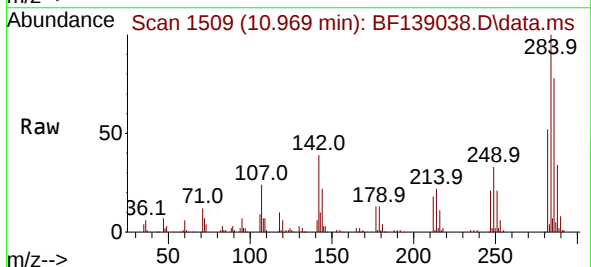
Tgt Ion:248 Resp: 80190
Ion Ratio Lower Upper
248 100
250 96.3 77.7 116.5
141 84.9 68.0 102.0

Manual Integrations
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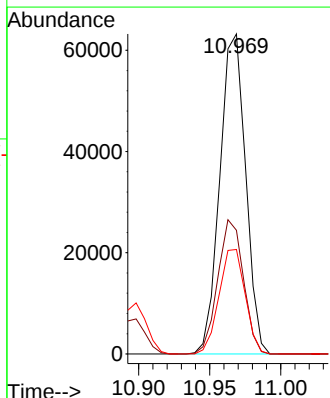
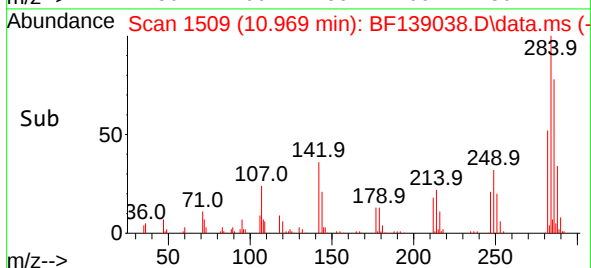
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#68
Hexachlorobenzene
Concen: 49.035 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



Tgt Ion:284 Resp: 79821
Ion Ratio Lower Upper
284 100
142 38.6 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 68.078 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS

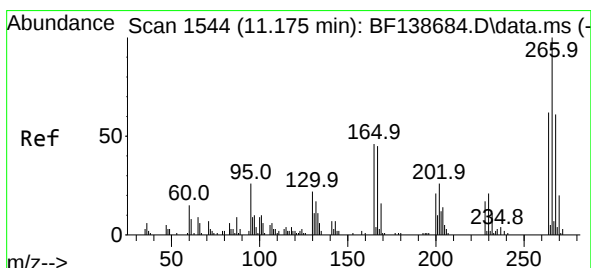
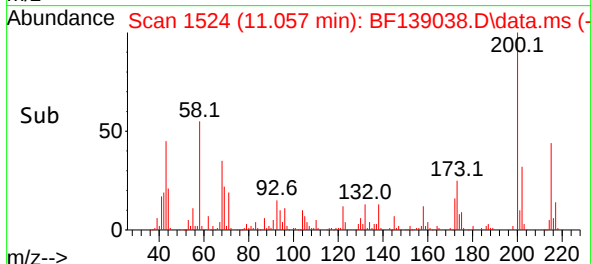
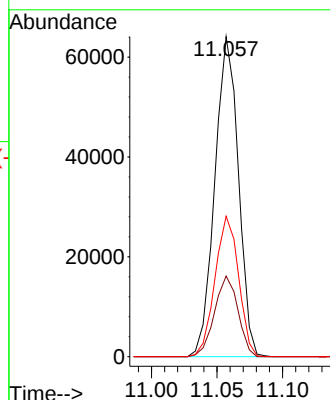
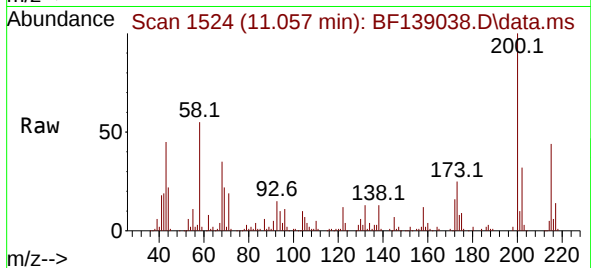
Tgt Ion:200 Resp: 7994

Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.0	46.0
215	43.9	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#70

Pentachlorophenol

Concen: 61.361 ng

RT: 11.175 min Scan# 1544

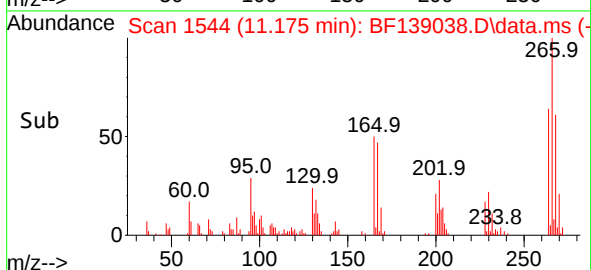
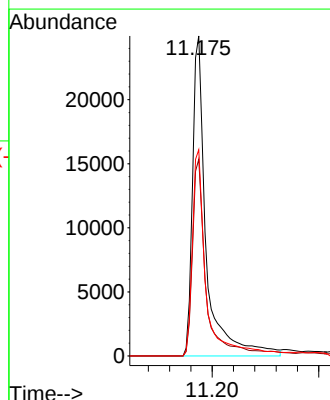
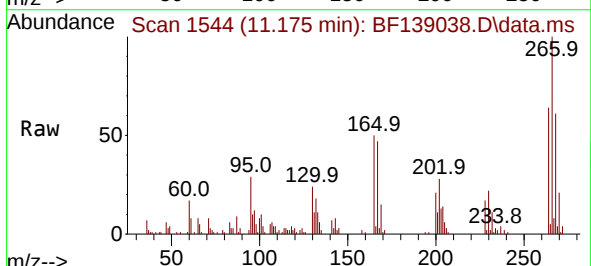
Delta R.T. -0.000 min

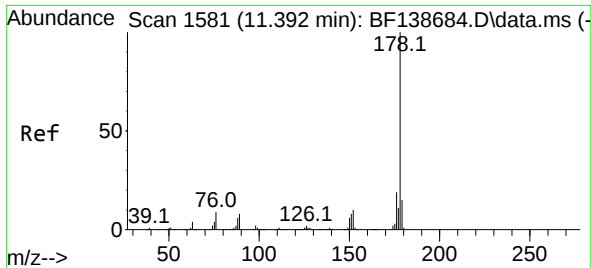
Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:266 Resp: 45023

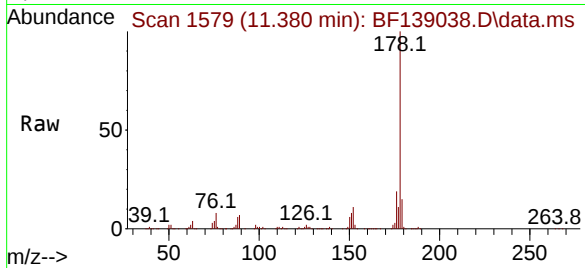
Ion	Ratio	Lower	Upper
266	100		
268	61.4	49.2	73.8
264	64.5	49.8	74.6





#71
Phenanthrene
Concen: 51.464 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

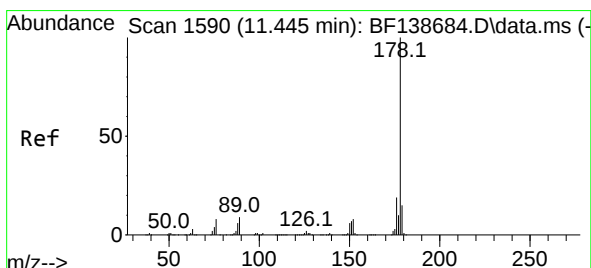
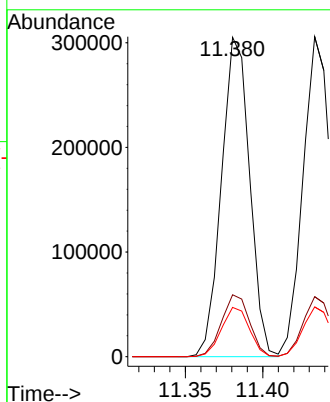
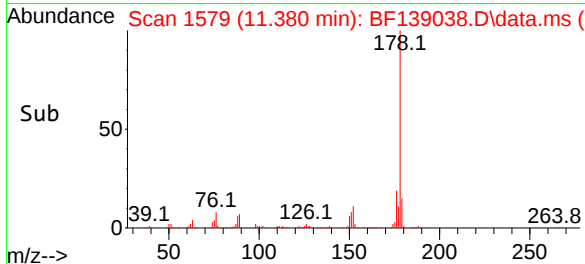
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:178 Resp: 385884
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.2 18.2

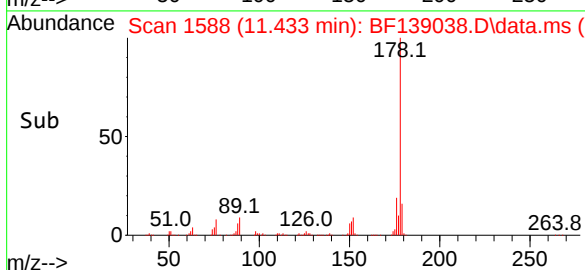
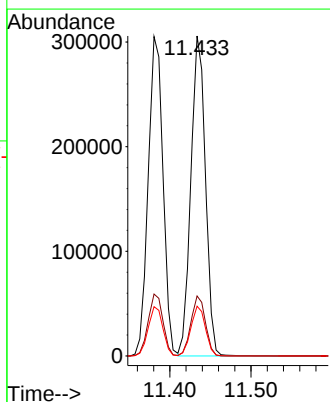
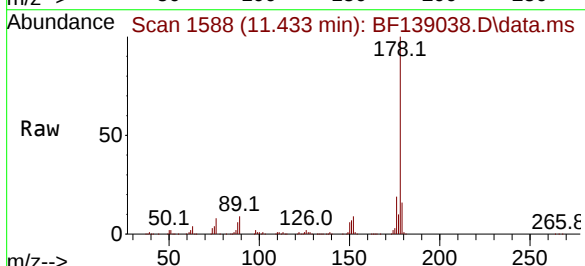
Manual Integrations
APPROVED

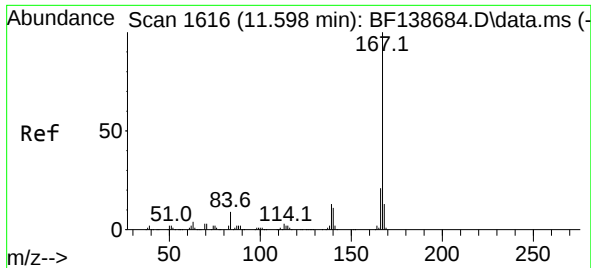
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#72
Anthracene
Concen: 51.794 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

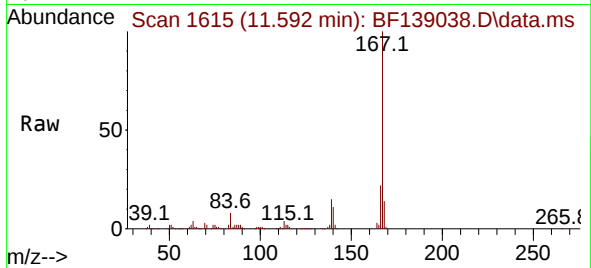
Tgt Ion:178 Resp: 382585
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 47.517 ng
 RT: 11.592 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

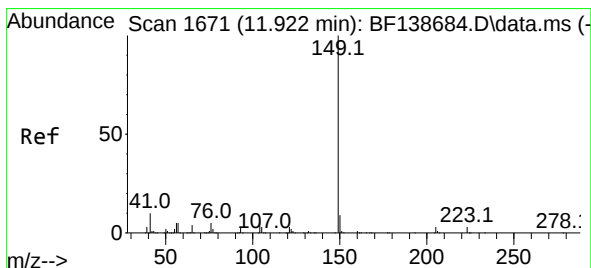
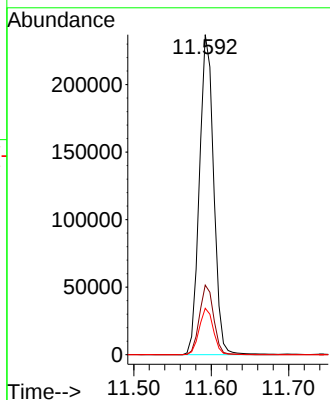
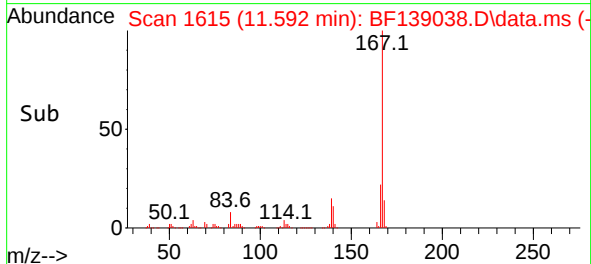
Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1-1.5-080924MS



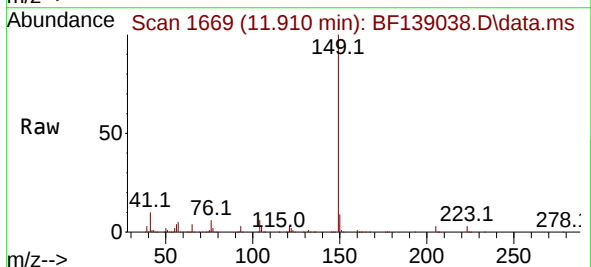
Tgt Ion:167 Resp: 30282
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.5 10.6 16.0

Manual Integrations
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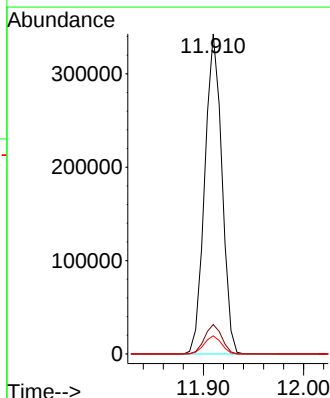
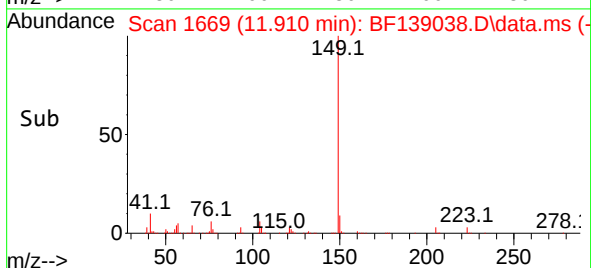
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

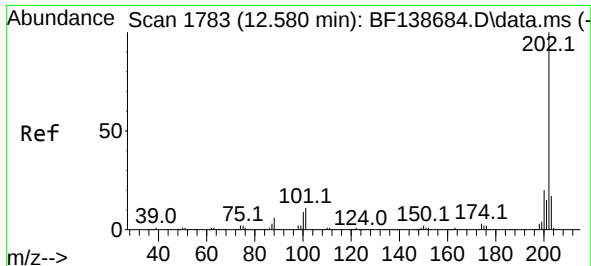


#74
 Di-n-butylphthalate
 Concen: 56.905 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17



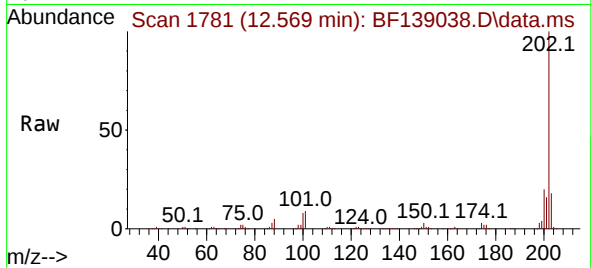
Tgt Ion:149 Resp: 407674
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.6 4.1 6.1





#75
Fluoranthene
Concen: 45.105 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

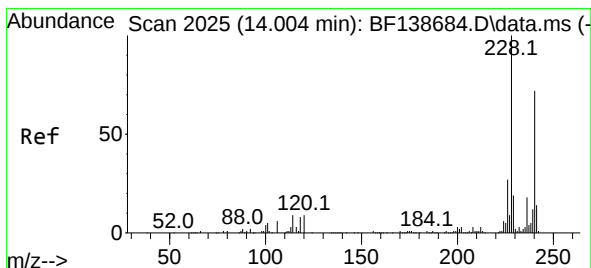
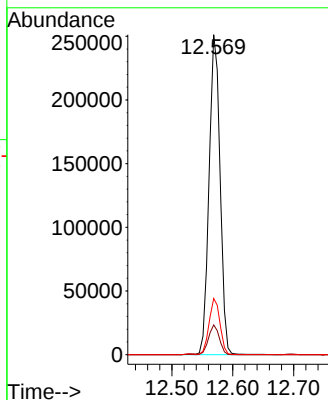
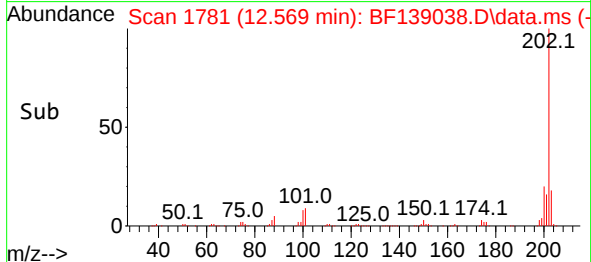
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:202 Resp: 31573
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.2
203 17.6 0.0 37.3

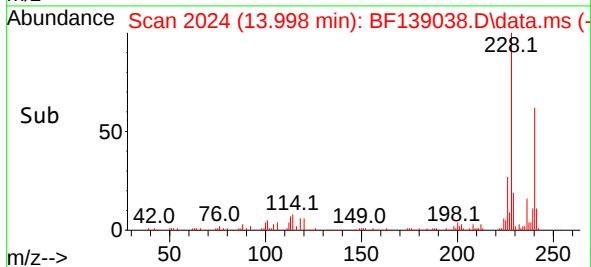
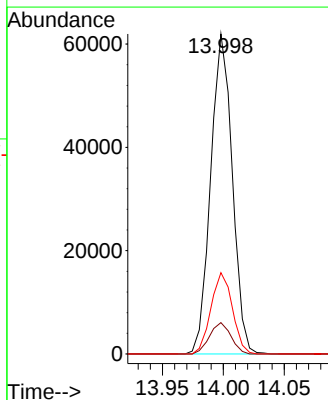
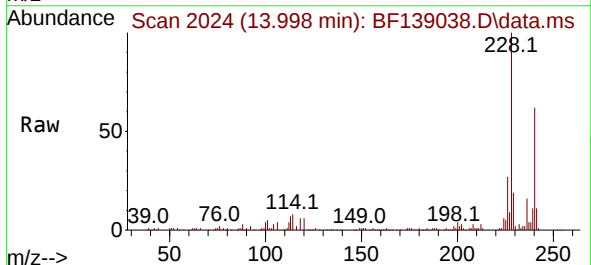
Manual Integrations
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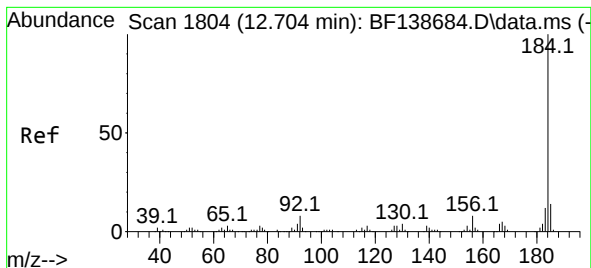
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:240 Resp: 76395
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.4 19.8 29.8





#77

Benzidine

Concen: 52.730 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

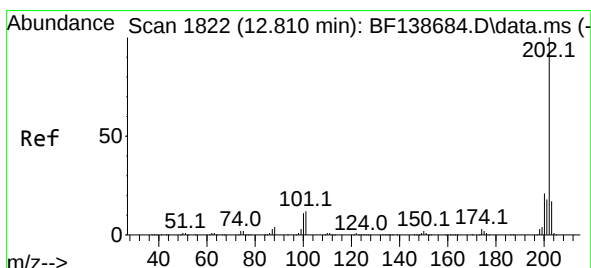
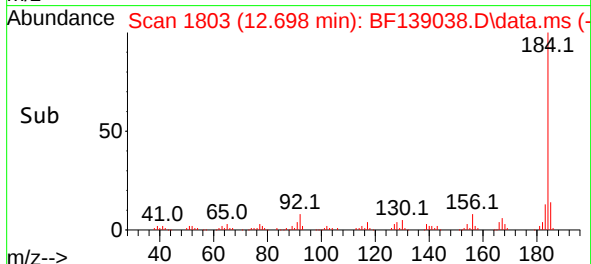
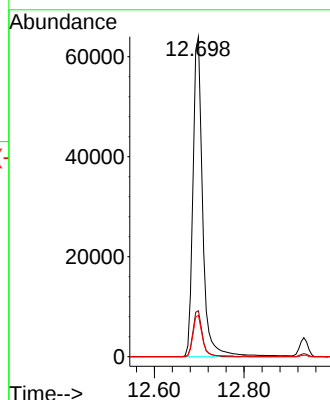
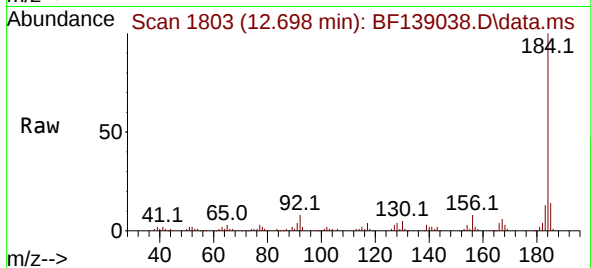
S-856-J-SO-1-1.5-080924MS

Tgt Ion:184	Resp:	96350
Ion Ratio	Lower	Upper
184	100	
185	14.4	11.1 16.7
183	12.9	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#78

Pyrene

Concen: 43.529 ng

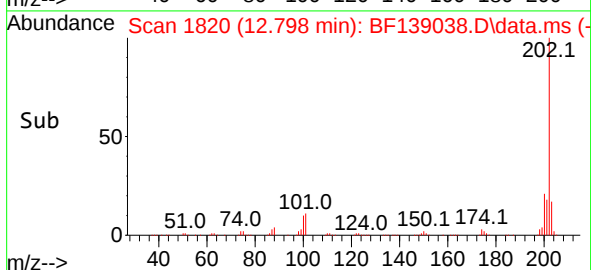
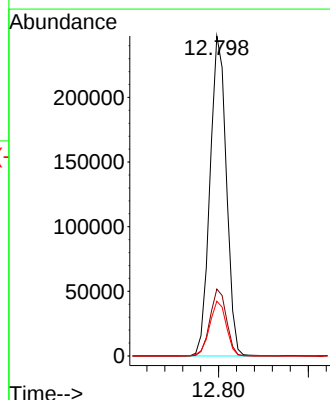
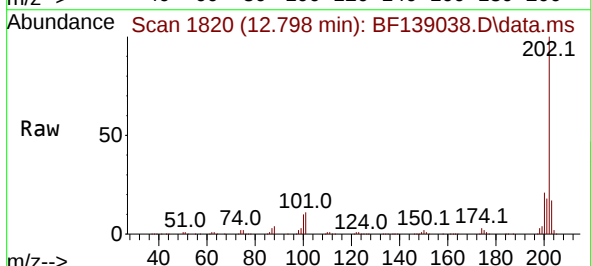
RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

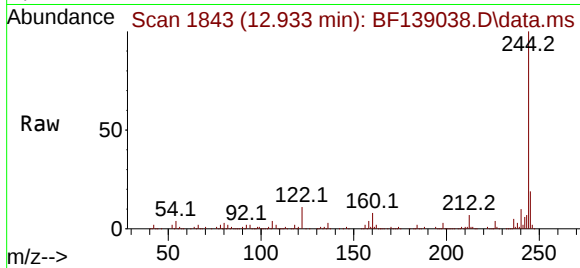
Tgt Ion:202	Resp:	313098
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.8 25.2
203	17.1	13.8 20.6





#79
 Terphenyl-d14
 Concen: 61.416 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

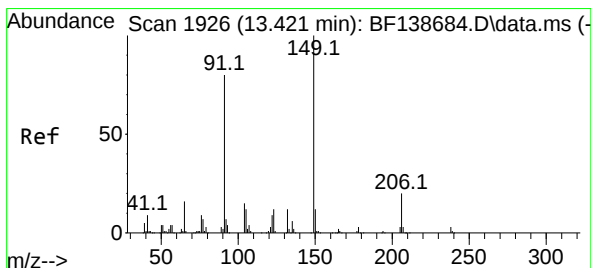
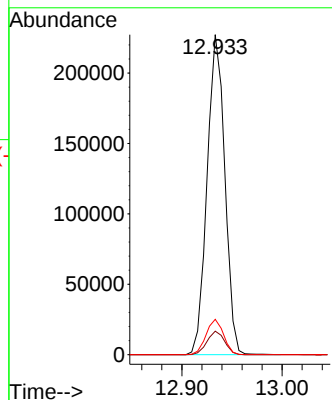
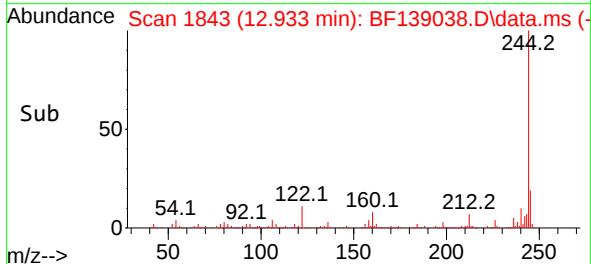
Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-SO-1-1.5-080924MS



Tgt Ion:244 Resp: 280234
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.1 9.6 14.4

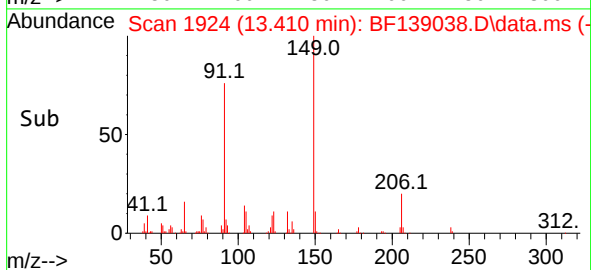
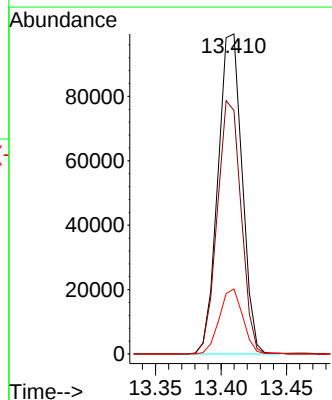
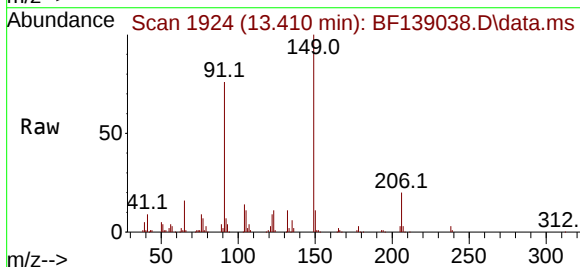
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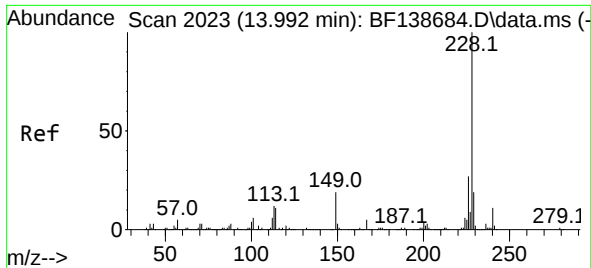
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#80
 Butylbenzylphthalate
 Concen: 55.283 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

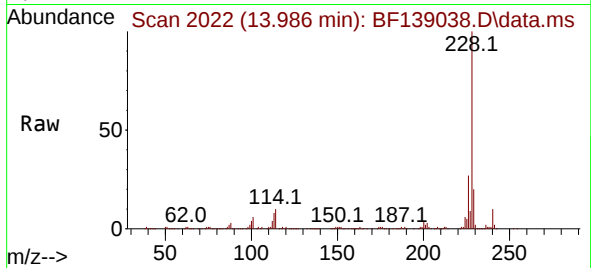
Tgt Ion:149 Resp: 127336
 Ion Ratio Lower Upper
 149 100
 91 76.1 63.7 95.5
 206 20.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 48.765 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

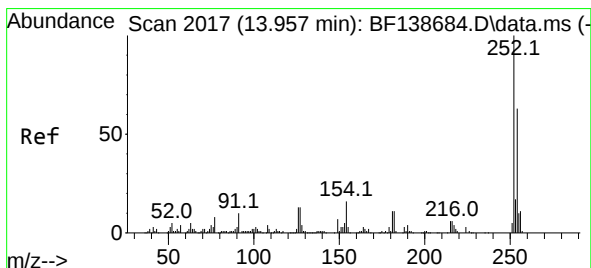
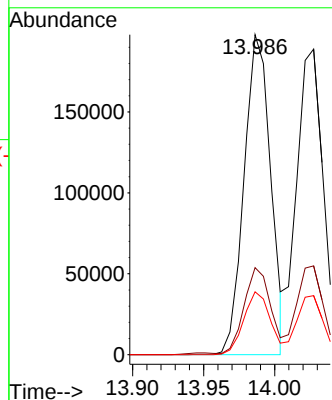
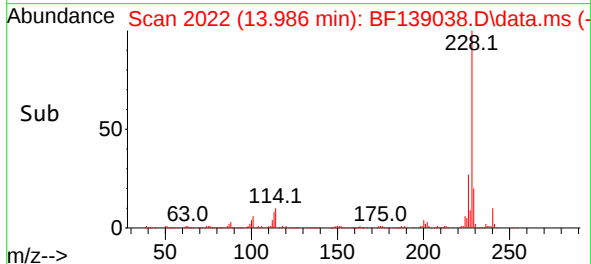
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



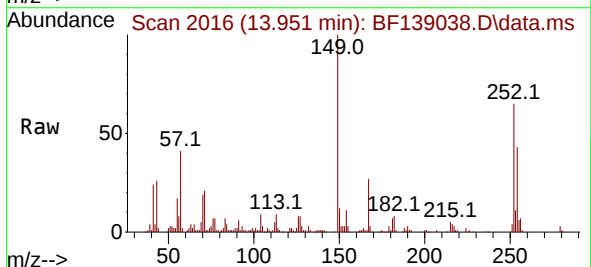
Tgt Ion:228 Resp: 25654
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.6 15.4 23.0

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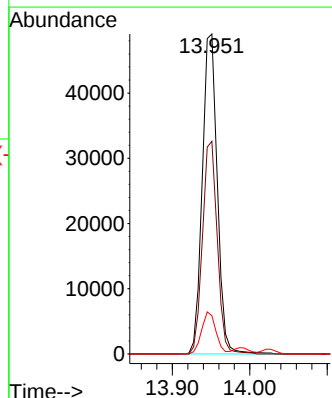
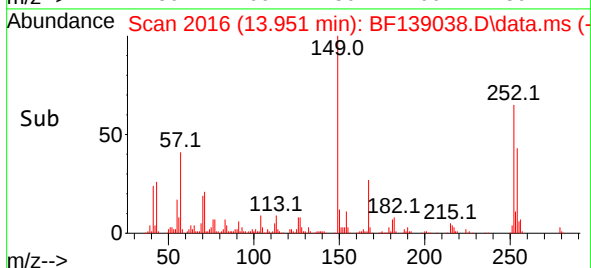
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#82
3,3'-Dichlorobenzidine
Concen: 49.048 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17



Tgt Ion:252 Resp: 66030
Ion Ratio Lower Upper
252 100
254 66.4 50.8 76.2
126 12.0 10.2 15.2





#83

Chrysene

Concen: 51.887 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

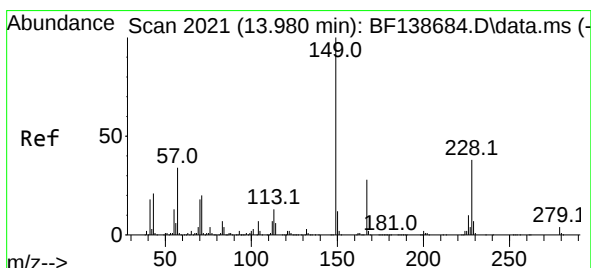
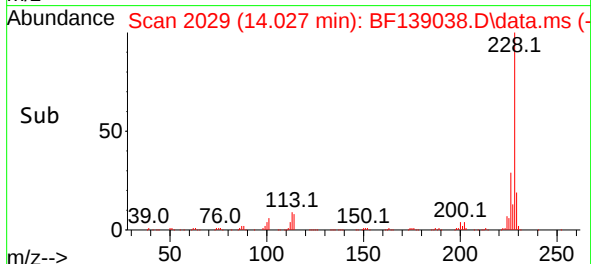
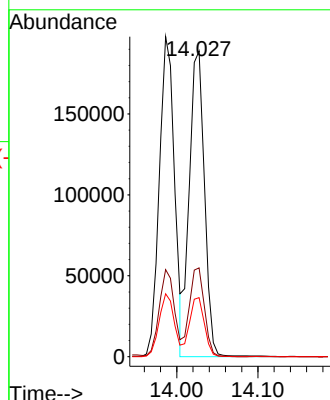
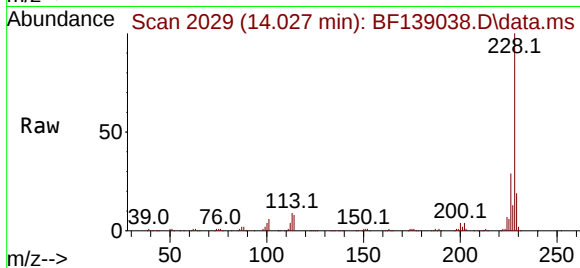
S-856-J-SO-1-1.5-080924MS

Tgt Ion:228	Resp: 24626
Ion Ratio	Lower Upper
228 100	
226 29.0	23.7 35.5
229 19.3	15.0 22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.643 ng

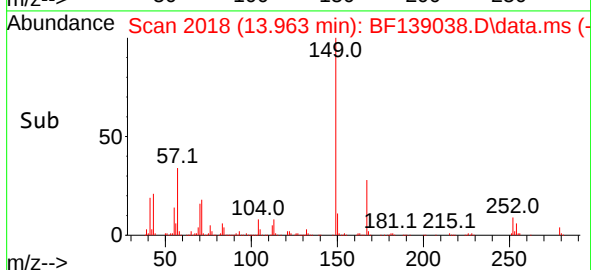
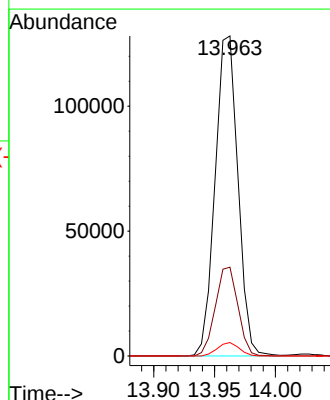
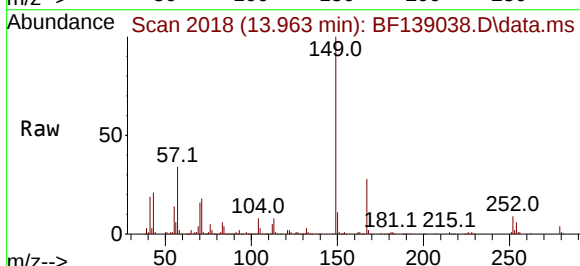
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:149	Resp: 167438
Ion Ratio	Lower Upper
149 100	
167 27.7	22.2 33.4
279 4.2	3.4 5.0





#85

Di-n-octyl phthalate

Concen: 47.217 ng

RT: 14.569 min Scan# 2121

Delta R.T. -0.023 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS

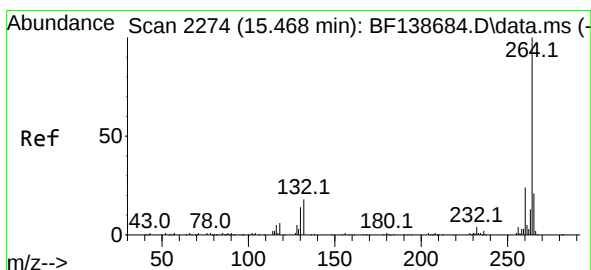
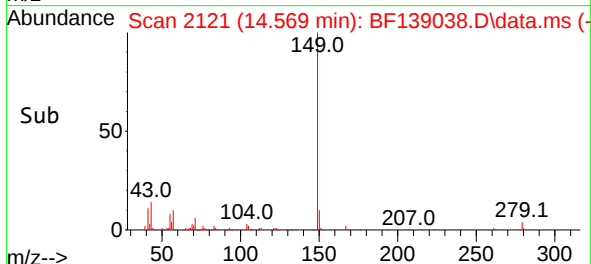
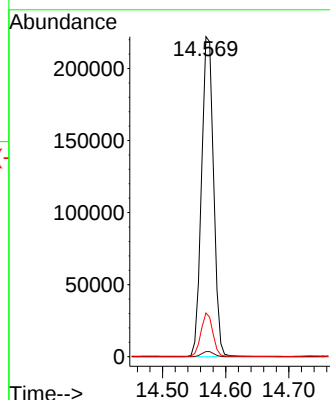
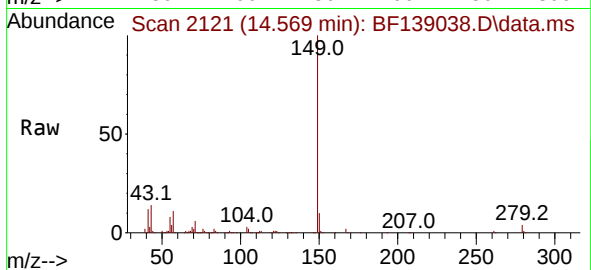
Tgt Ion:149 Resp: 294649

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	13.3	10.4	15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

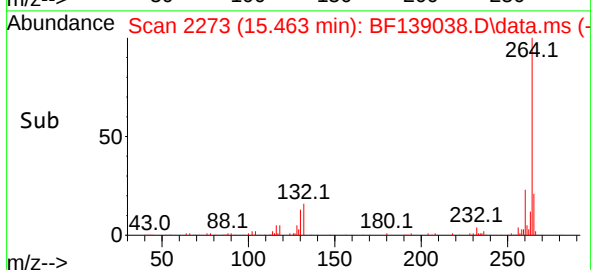
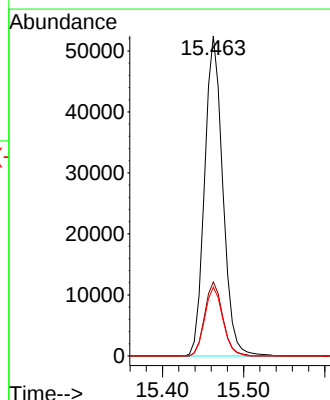
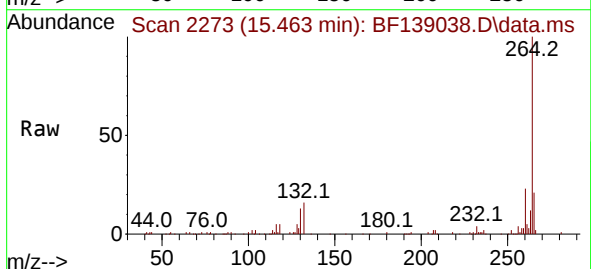
Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:264 Resp: 81462

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.5	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.820 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139038.D

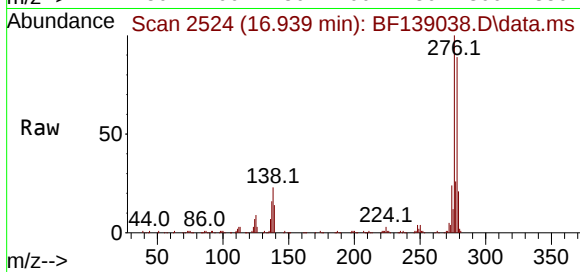
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-SO-1-1.5-080924MS



Tgt Ion:276 Resp: 197430

Ion Ratio Lower Upper

276 100

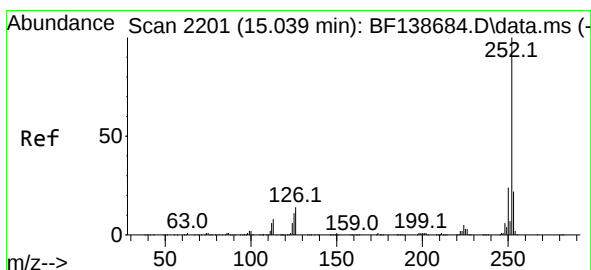
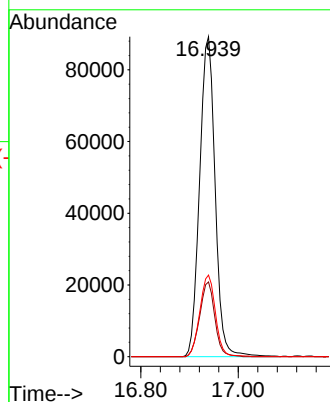
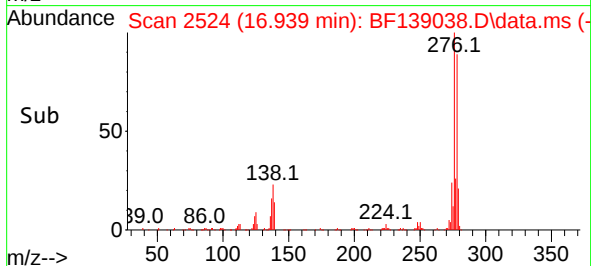
138 22.7 21.8 32.8

277 25.7 20.6 30.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#88

Benzo(b)fluoranthene

Concen: 51.469 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

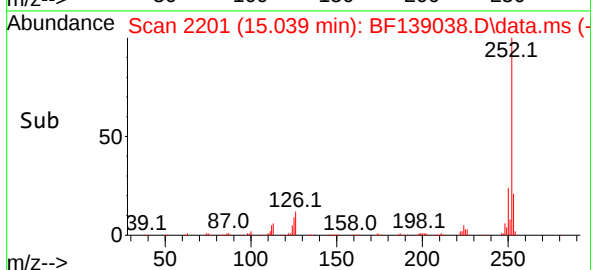
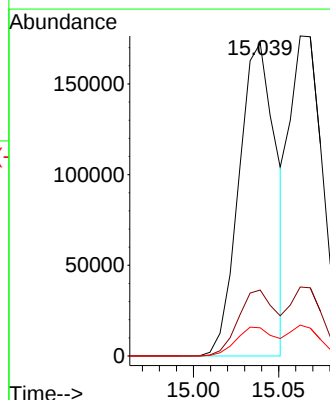
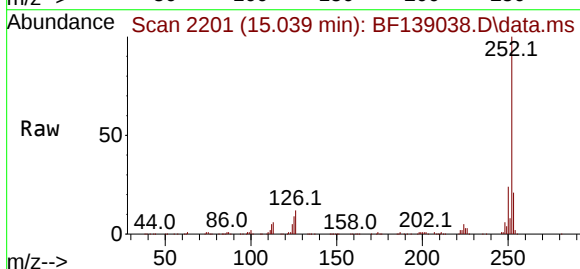
Tgt Ion:252 Resp: 259912

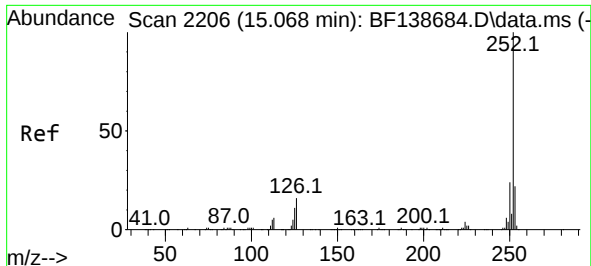
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

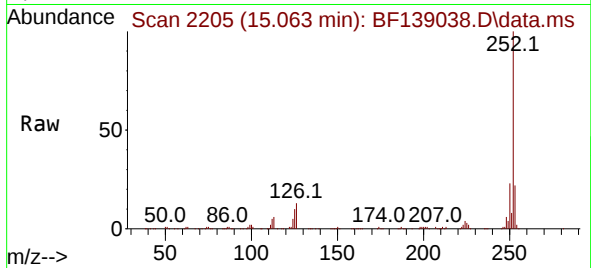
125 9.0 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 54.086 ng
RT: 15.063 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

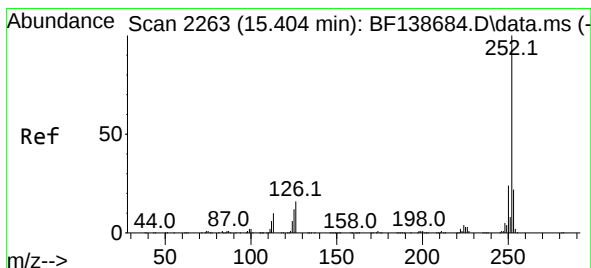
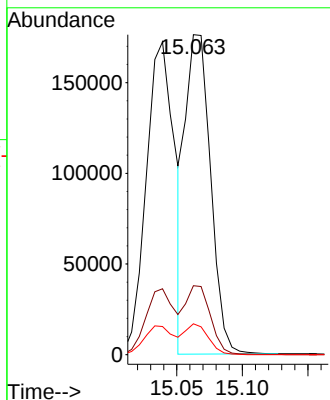
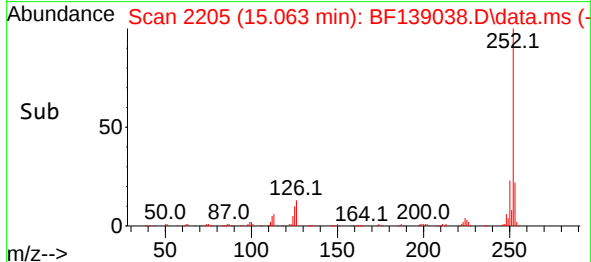
Instrument : BNA_F
ClientSampleId : S-856-J-SO-1-1.5-080924MS



Tgt Ion:252 Resp: 236478
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.6 8.6 13.0

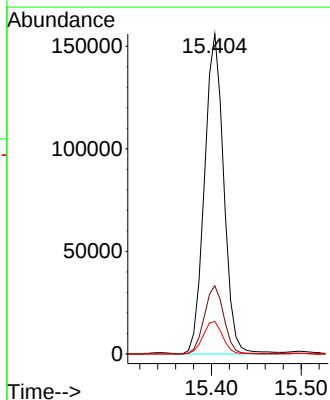
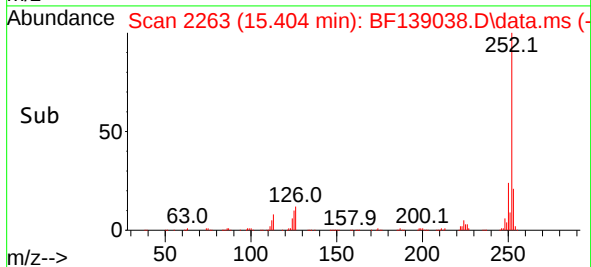
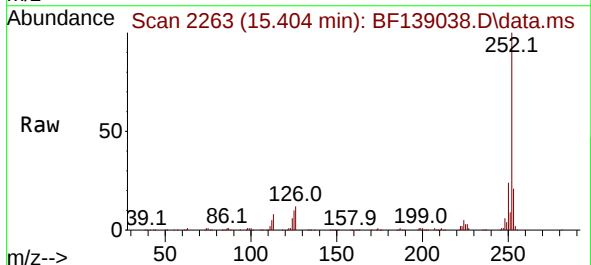
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90
Benzo(a)pyrene
Concen: 54.841 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

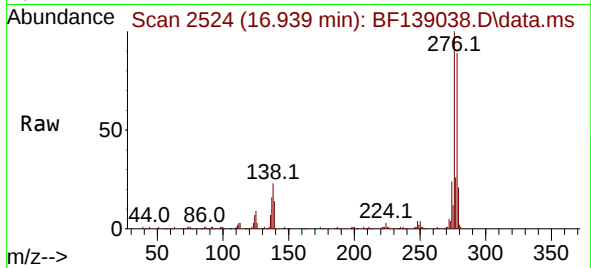
Tgt Ion:252 Resp: 232945
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 10.2 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 33.812 ng
RT: 16.939 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

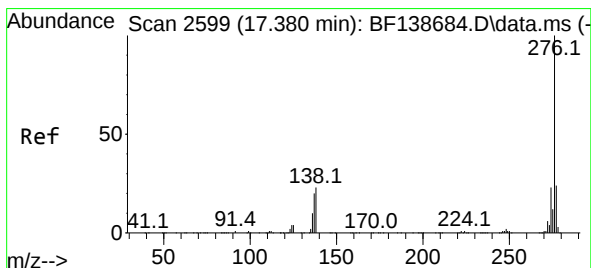
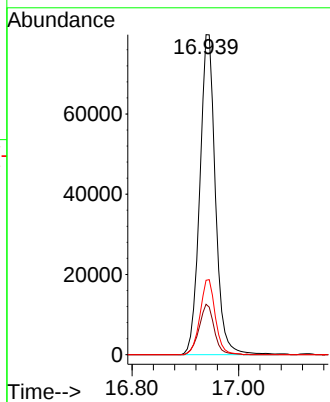
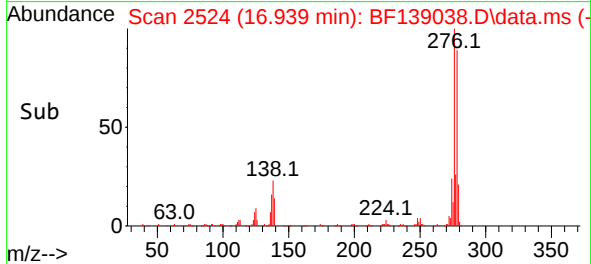
Instrument :
BNA_F
ClientSampleId :
S-856-J-SO-1-1.5-080924MS



Tgt Ion:278 Resp: 16203
Ion Ratio Lower Upper
278 100
139 15.8 14.0 21.0
279 23.2 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#92
Benzo(g,h,i)perylene
Concen: 27.790 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:276 Resp: 138196
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 18.7 18.5 27.7

