

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139025.D
 Acq On : 15 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Aug 15 17:00:19 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	46198	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	185235	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	103494	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	173892	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	85690	20.000	ng	0.00
86) Perylene-d12	15.463	264	90423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	237489	79.354	ng	0.00
7) Phenol-d6	6.487	99	320905	79.865	ng	0.00
23) Nitrobenzene-d5	7.410	82	316549	83.551	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	67746	79.912	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	573298	83.230	ng	-0.01
79) Terphenyl-d14	12.939	244	411582	80.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	46829	35.741	ng	# 93
3) Pyridine	3.334	79	117086	36.889	ng	96
4) n-Nitrosodimethylamine	3.305	42	86767	45.899	ng	82
6) Aniline	6.504	93	138876	38.755	ng	# 46
8) 2-Chlorophenol	6.628	128	127161	40.385	ng	98
9) Benzaldehyde	6.393	77	86956	36.101	ng	98
10) Phenol	6.504	94	165513	39.123	ng	# 72
11) bis(2-Chloroethyl)ether	6.575	93	120930	37.146	ng	98
12) 1,3-Dichlorobenzene	6.775	146	139572	39.599	ng	97
13) 1,4-Dichlorobenzene	6.857	146	140243	39.427	ng	99
14) 1,2-Dichlorobenzene	7.010	146	133623	40.196	ng	99
15) Benzyl Alcohol	6.993	79	125711	43.408	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	203620	36.343	ng	# 48
17) 2-Methylphenol	7.104	107	101359	38.983	ng	# 87
18) Hexachloroethane	7.345	117	54124	40.423	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	98862	40.737	ng	97
20) 3+4-Methylphenols	7.257	107	137424	41.195	ng	95
22) Acetophenone	7.251	105	190713	42.049	ng	99
24) Nitrobenzene	7.428	77	158834	41.199	ng	99
25) Isophorone	7.663	82	261884	40.481	ng	98
26) 2-Nitrophenol	7.740	139	66148	39.880	ng	90
27) 2,4-Dimethylphenol	7.781	122	78290	39.450	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	151398	38.429	ng	98
29) 2,4-Dichlorophenol	7.992	162	103656	40.648	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	117336	39.871	ng	98
31) Naphthalene	8.140	128	385336	39.521	ng	99
32) Benzoic acid	7.934	122	47480	30.436	ng	93
33) 4-Chloroaniline	8.198	127	121655	37.170	ng	97
34) Hexachlorobutadiene	8.251	225	74310	41.689	ng	98
35) Caprolactam	8.575	113	32303	42.453	ng	90
36) 4-Chloro-3-methylphenol	8.687	107	121466	41.678	ng	100
37) 2-Methylnaphthalene	8.828	142	248587	40.370	ng	99
38) 1-Methylnaphthalene	8.928	142	245538	40.692	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	115282	40.099	ng	99
41) Hexachlorocyclopentadiene	8.975	237	23932	35.677	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	67209	38.342	ng	98

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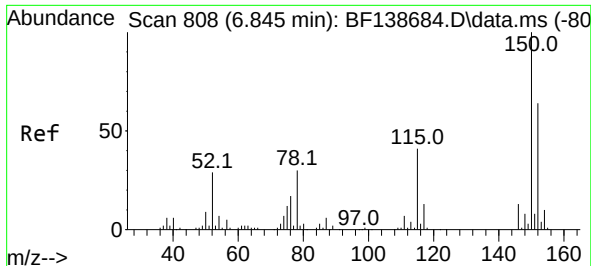
Manual Integrations
 APPROVED

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

Quant Time: Aug 15 17:00:19 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	73797	38.511	ng	97
46) 1,1'-Biphenyl	9.292	154	324022	39.976	ng	99
47) 2-Chloronaphthalene	9.322	162	242402	40.211	ng	99
48) 2-Nitroaniline	9.428	65	87200	42.668	ng	97
49) Acenaphthylene	9.734	152	341255	39.913	ng	99
50) Dimethylphthalate	9.592	163	276736	41.819	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65543	43.887	ng	# 84
52) Acenaphthene	9.904	154	229254	39.888	ng	99
53) 3-Nitroaniline	9.839	138	62039	40.183	ng	99
54) 2,4-Dinitrophenol	9.957	184	29830	43.390	ng	86
55) Dibenzofuran	10.075	168	331767	40.893	ng	96
56) 4-Nitrophenol	10.022	139	35833	38.596	ng	88
57) 2,4-Dinitrotoluene	10.075	165	83332	43.734	ng	# 78
58) Fluorene	10.422	166	274269	42.452	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60241	41.119	ng	98
60) Diethylphthalate	10.292	149	275996	43.986	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	133567	42.035	ng	96
62) 4-Nitroaniline	10.457	138	59530m	40.574	ng	
63) Azobenzene	10.569	77	288112	41.401	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	42551	40.109	ng	89
66) n-Nitrosodiphenylamine	10.533	169	224448	41.293	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	77154	40.980	ng	97
68) Hexachlorobenzene	10.969	284	78472	40.368	ng	99
69) Atrazine	11.057	200	53241	37.965	ng	98
70) Pentachlorophenol	11.175	266	31789	36.280	ng	98
71) Phenanthrene	11.380	178	360273	40.236	ng	100
72) Anthracene	11.433	178	358261	40.615	ng	100
73) Carbazole	11.592	167	301941	39.675	ng	99
74) Di-n-butylphthalate	11.910	149	380361	44.460	ng	99
75) Fluoranthene	12.569	202	321989	38.519	ng	98
77) Benzidine	12.698	184	58104	28.350	ng	98
78) Pyrene	12.798	202	317893	39.402	ng	99
80) Butylbenzylphthalate	13.410	149	108747	42.091	ng	97
81) Benzo(a)anthracene	13.986	228	236524	40.083	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	62349	41.290	ng	99
83) Chrysene	14.027	228	205164	38.538	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	142898	37.771	ng	99
85) Di-n-octyl phthalate	14.574	149	249697	35.673	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	242158	37.370	ng	95
88) Benzo(b)fluoranthene	15.039	252	224297	40.015	ng	98
89) Benzo(k)fluoranthene	15.063	252	204228	42.081	ng	99
90) Benzo(a)pyrene	15.404	252	194217	41.192	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	198357	37.290	ng	96
92) Benzo(g,h,i)perylene	17.386	276	196424	35.585	ng	97

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



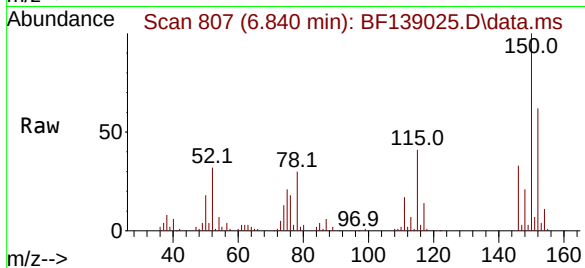
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

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BNA_F

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SSTDCCC040

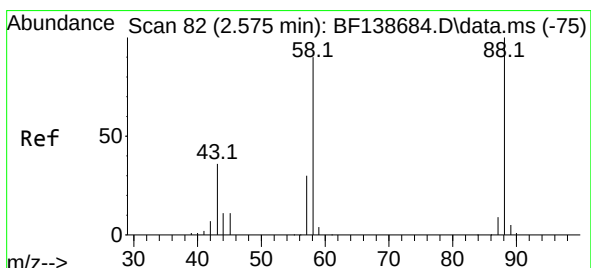
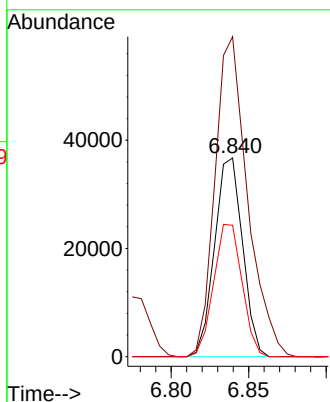
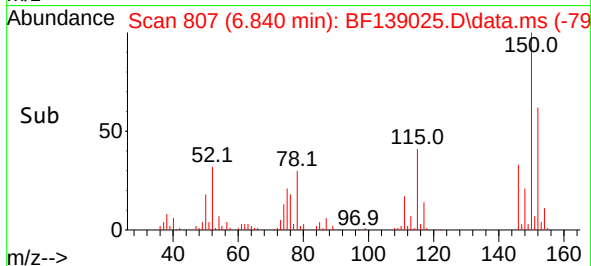


Tgt Ion:152 Resp: 46198
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 66.1 51.7 77.5

Manual Integrations

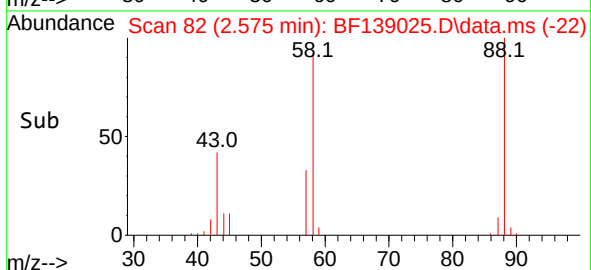
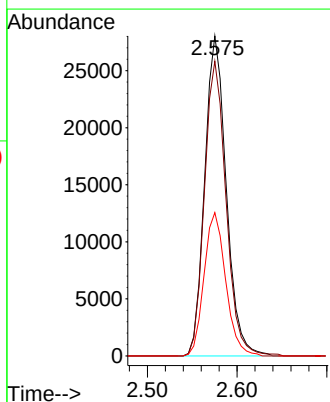
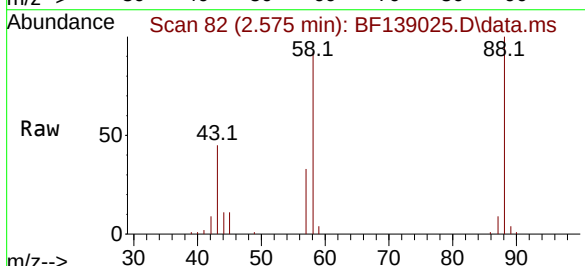
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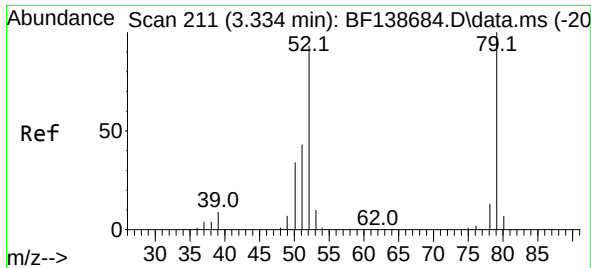
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#2
1,4-Dioxane
Concen: 35.741 ng
RT: 2.575 min Scan# 82
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 88 Resp: 46829
Ion Ratio Lower Upper
88 100
58 92.3 71.6 107.4
43 44.9 28.7 43.1#





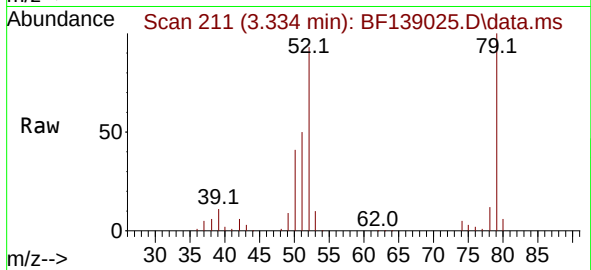
#3
Pyridine
Concen: 36.889 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

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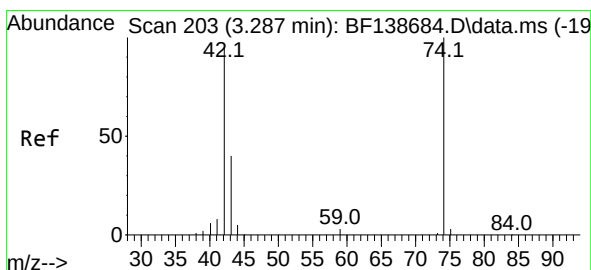
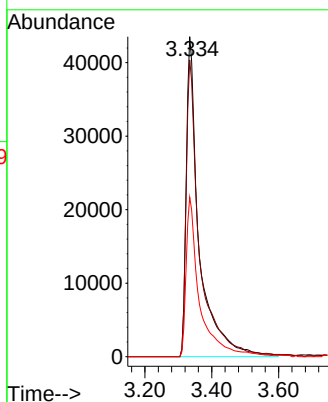
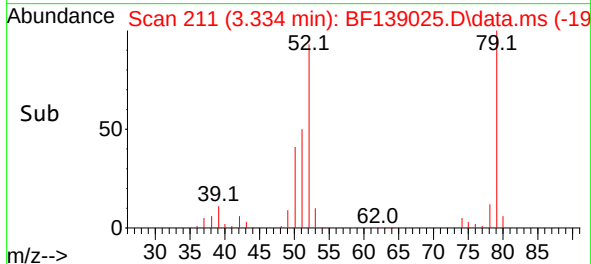


Tgt Ion: 79 Resp: 117086
Ion Ratio Lower Upper
79 100
52 92.8 74.7 112.1
51 49.9 34.6 51.8

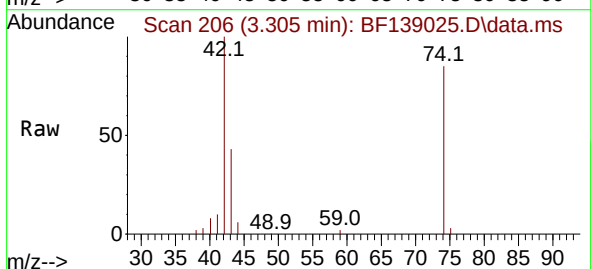
Manual Integrations

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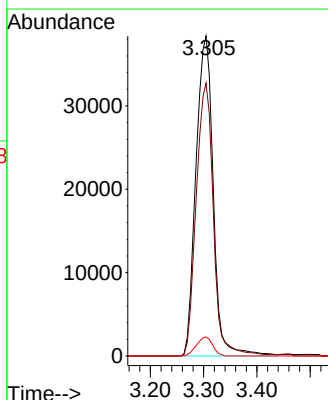
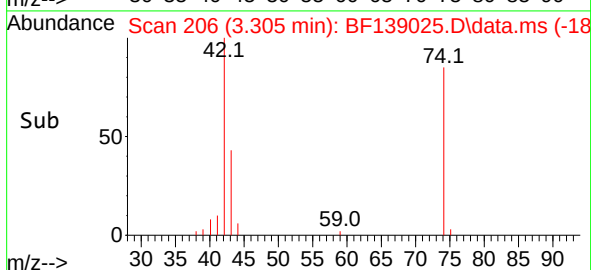
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

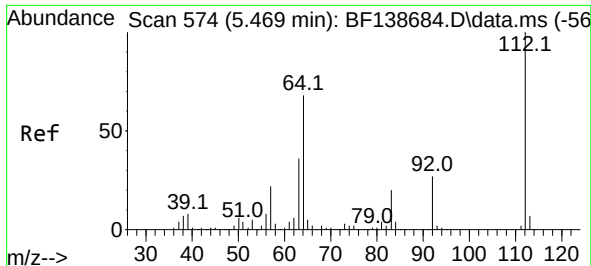


#4
n-Nitrosodimethylamine
Concen: 45.899 ng
RT: 3.305 min Scan# 206
Delta R.T. 0.018 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion: 42 Resp: 86767
Ion Ratio Lower Upper
42 100
74 85.2 84.2 126.4
44 5.9 4.9 7.3





#5
2-Fluorophenol
Concen: 79.354 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

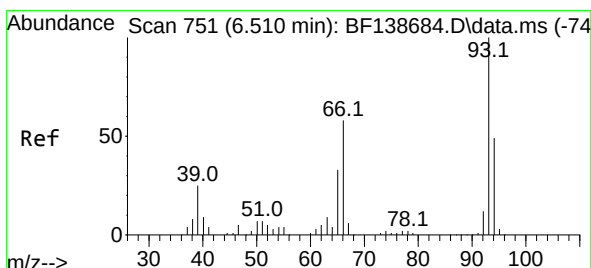
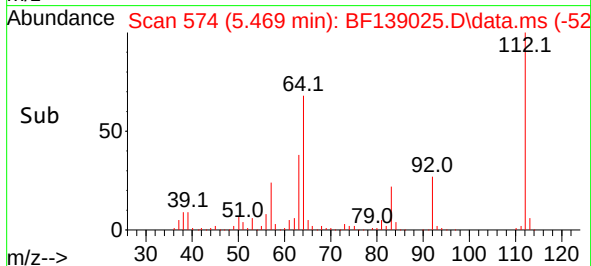
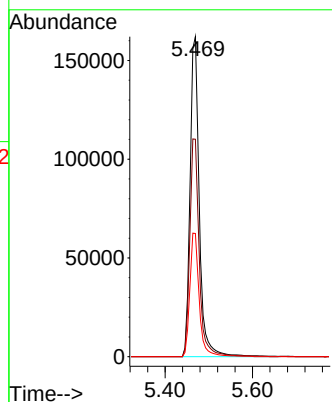
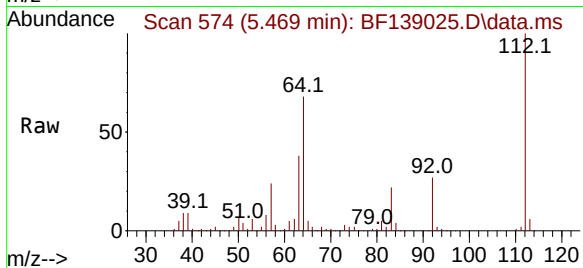
SSTDCCC040

Tgt Ion:112 Resp: 237489
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.5 28.7 43.1

Manual Integrations

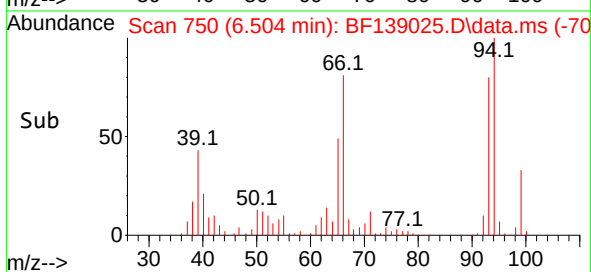
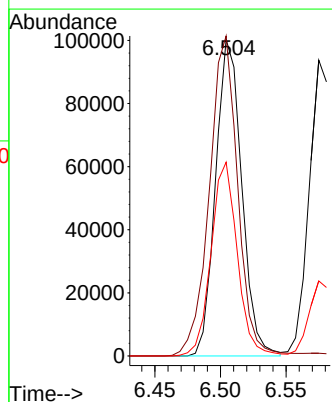
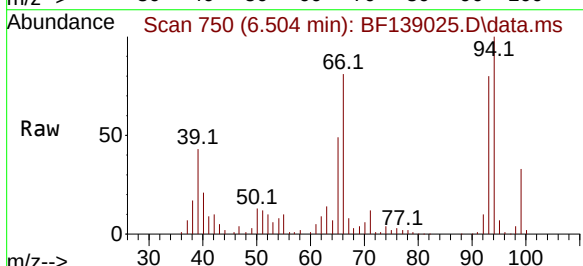
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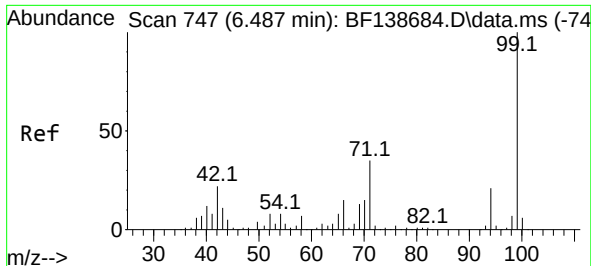
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#6
Aniline
Concen: 38.755 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

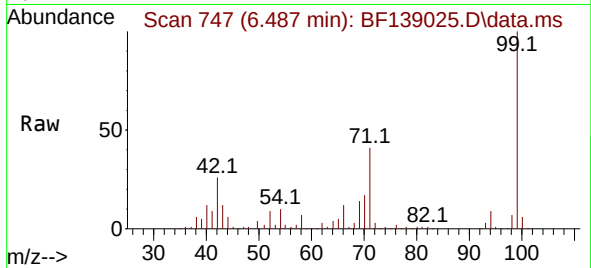
Tgt Ion: 93 Resp: 138876
Ion Ratio Lower Upper
93 100
66 101.1 46.9 70.3#
65 61.2 26.5 39.7#





#7
Phenol-d6
Concen: 79.865 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

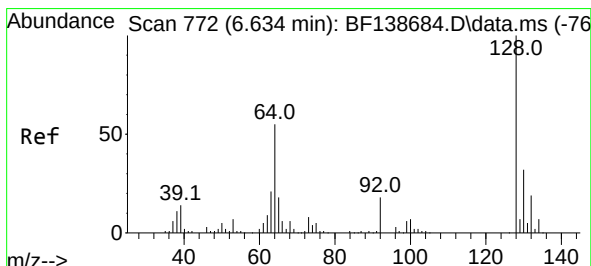
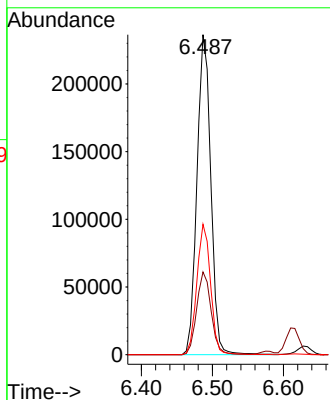
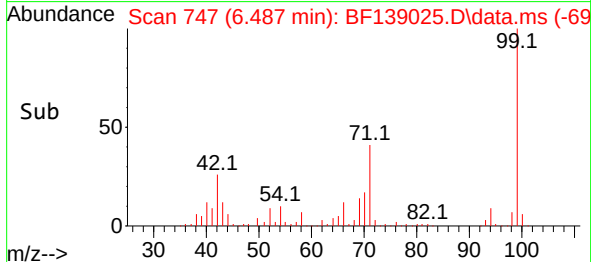
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



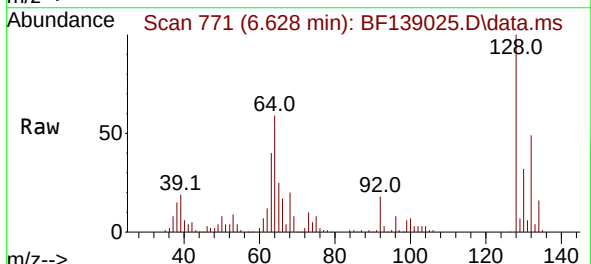
Tgt Ion: 99 Resp: 32090
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.7 28.1 42.1

Manual Integrations
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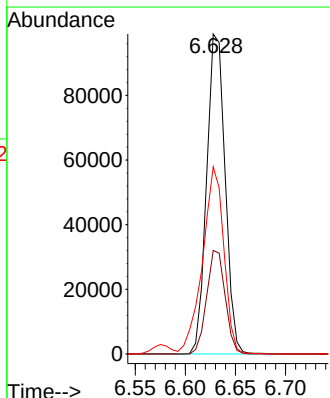
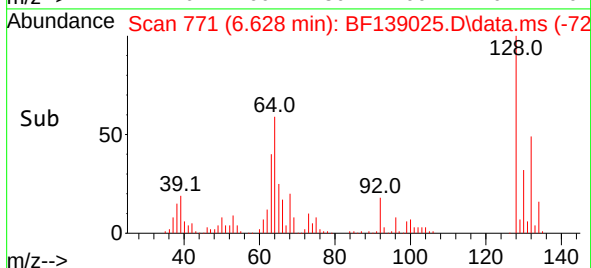
Reviewed By :Jagrut Upadhyay 08/16/2024
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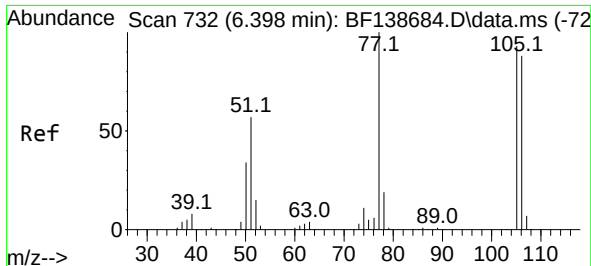


#8
2-Chlorophenol
Concen: 40.385 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:128 Resp: 127161
Ion Ratio Lower Upper
128 100
130 32.4 12.0 52.0
64 58.5 36.3 76.3





#9
Benzaldehyde
Concen: 36.101 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

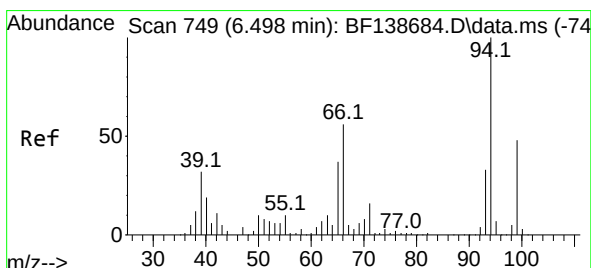
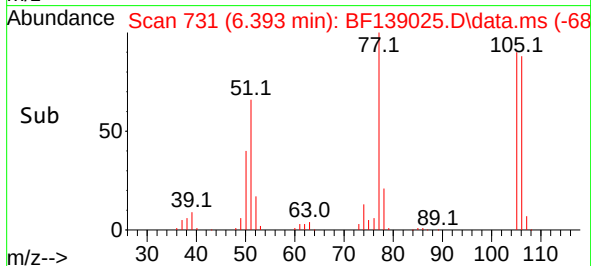
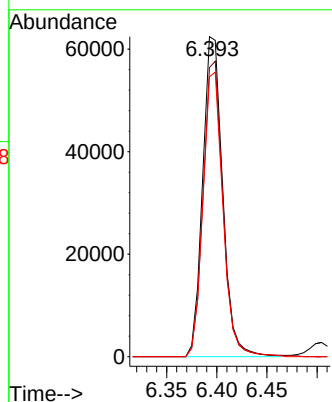
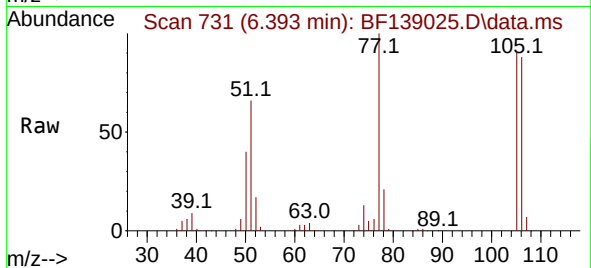
SSTDCCC040

Tgt Ion: 77 Resp: 86950
Ion Ratio Lower Upper
77 100
105 90.3 72.9 112.9
106 87.5 68.4 108.4

Manual Integrations

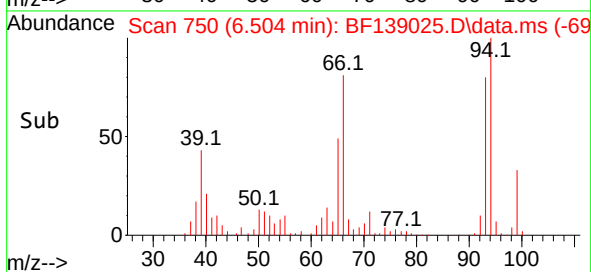
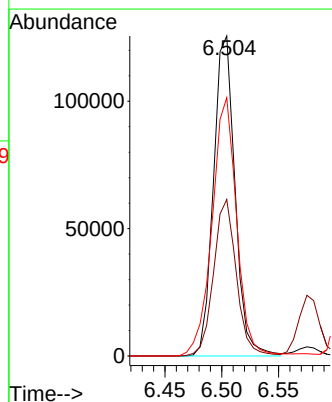
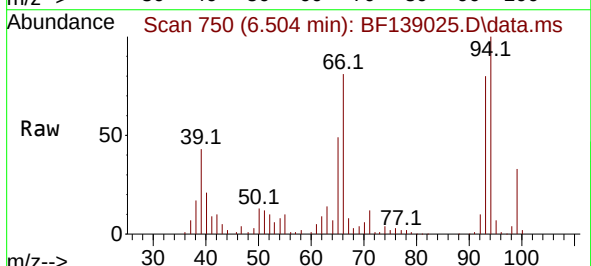
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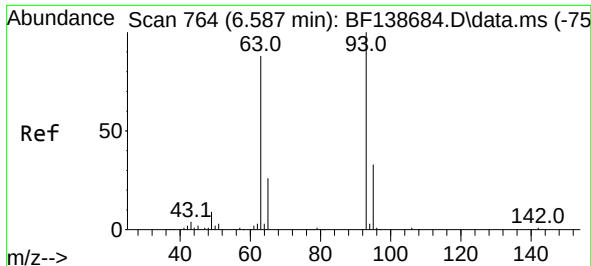
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#10
Phenol
Concen: 39.123 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 94 Resp: 165513
Ion Ratio Lower Upper
94 100
65 48.9 16.9 56.9
66 80.7 36.5 76.5#





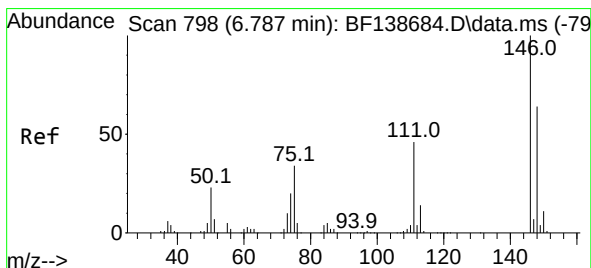
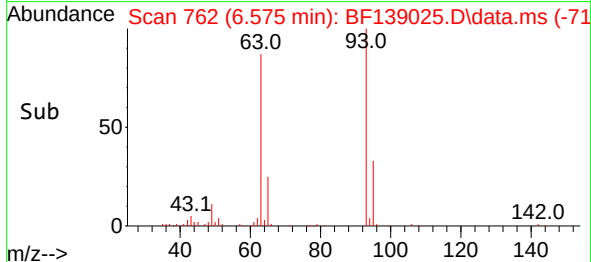
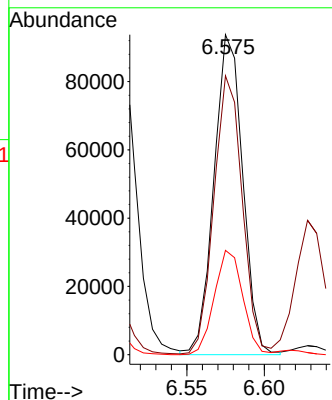
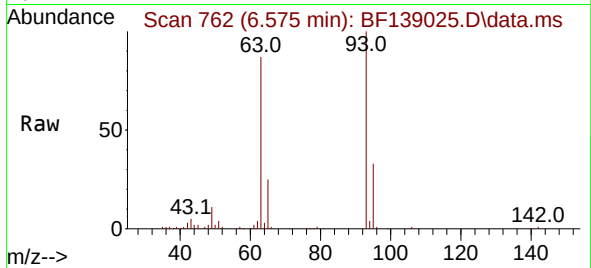
#11
bis(2-Chloroethyl)ether
Concen: 37.146 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 120930
Ion Ratio Lower Upper
93 100
63 87.2 65.3 105.3
95 32.6 12.4 52.4

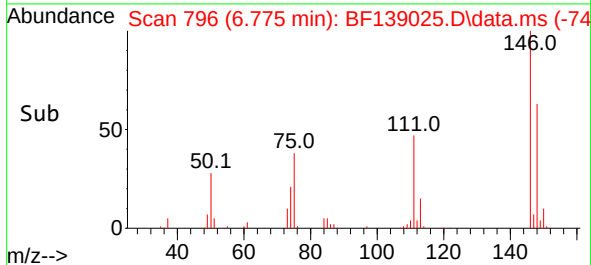
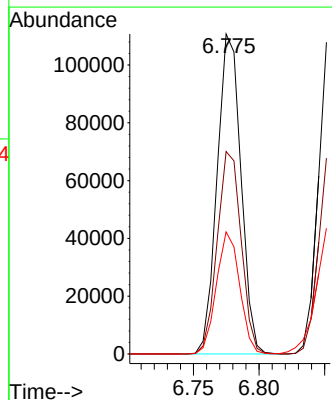
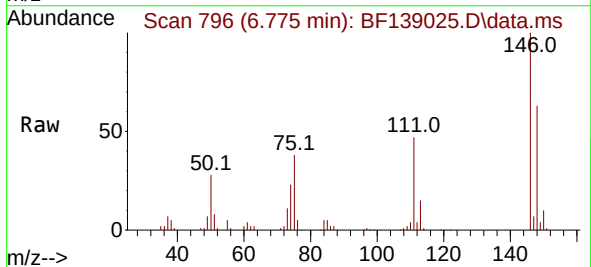
Manual Integrations
APPROVED

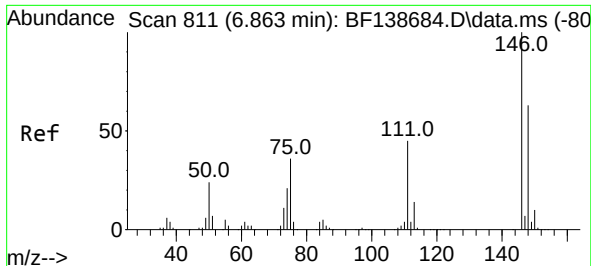
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#12
1,3-Dichlorobenzene
Concen: 39.599 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:146 Resp: 139572
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 38.1 27.4 41.2





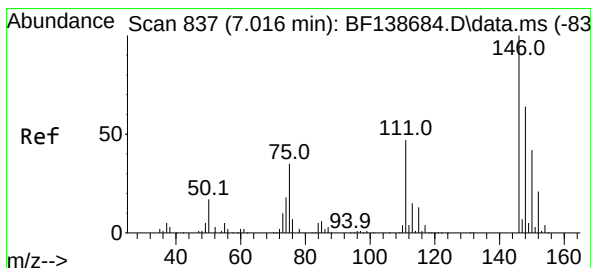
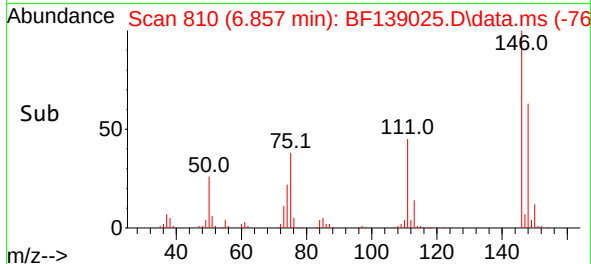
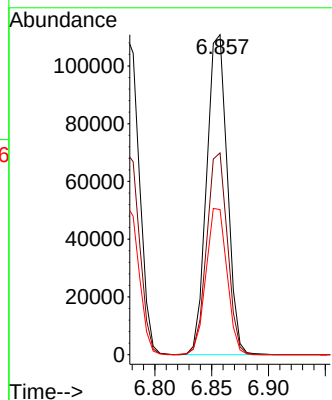
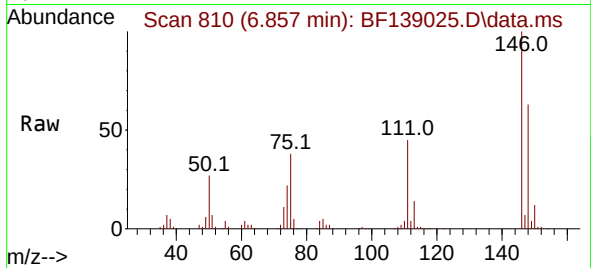
#13
1,4-Dichlorobenzene
Concen: 39.427 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 14024
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 45.4 35.9 53.9

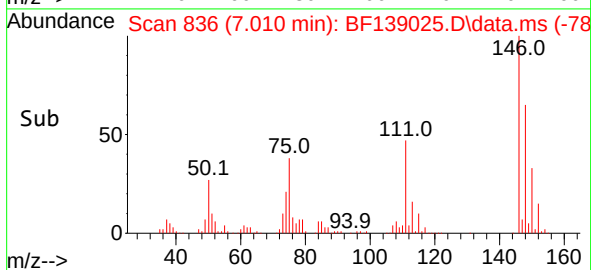
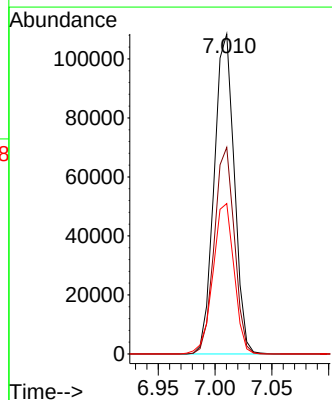
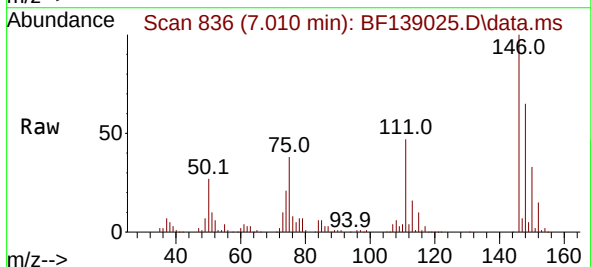
Manual Integrations
APPROVED

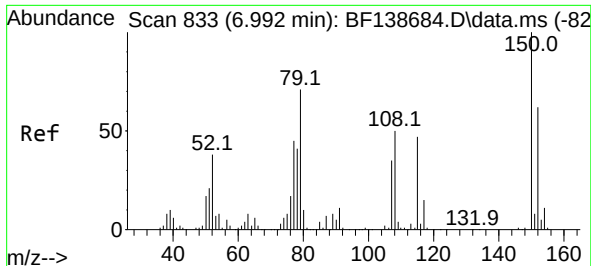
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#14
1,2-Dichlorobenzene
Concen: 40.196 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

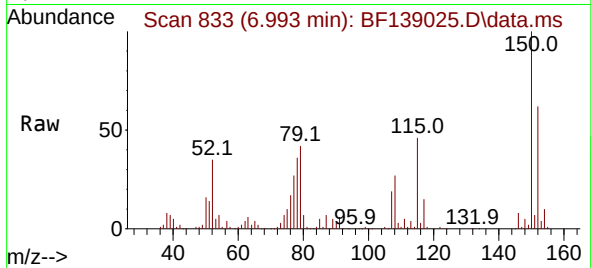
Tgt Ion:146 Resp: 133623
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 47.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 43.408 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

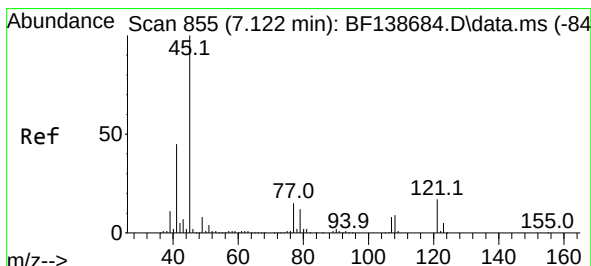
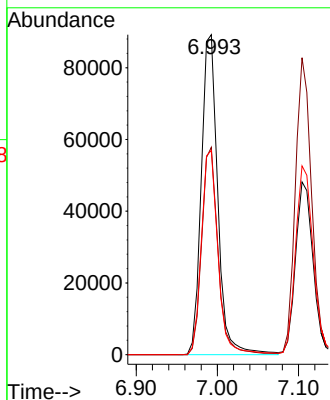
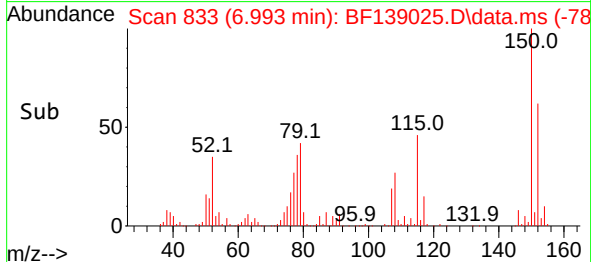
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



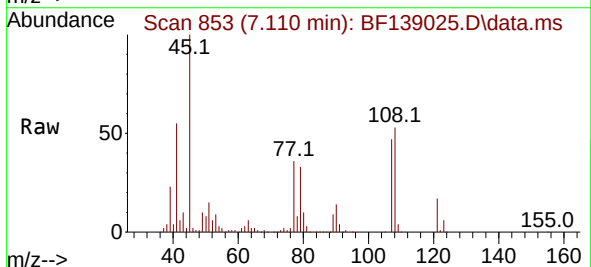
Tgt Ion: 79 Resp: 12571
Ion Ratio Lower Upper
79 100
108 64.8 56.6 85.0
77 63.9 50.3 75.5

Manual Integrations
APPROVED

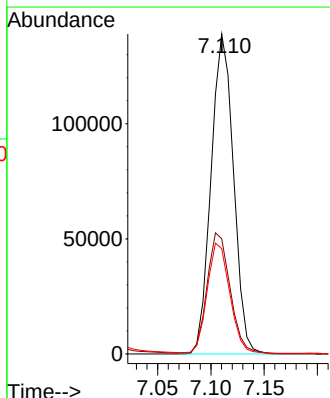
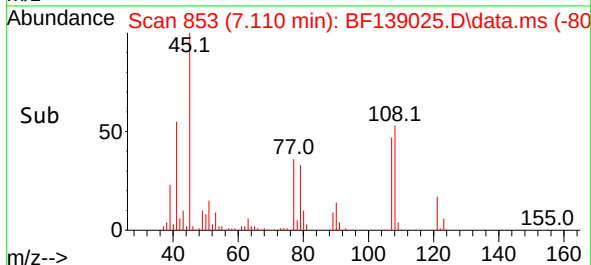
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

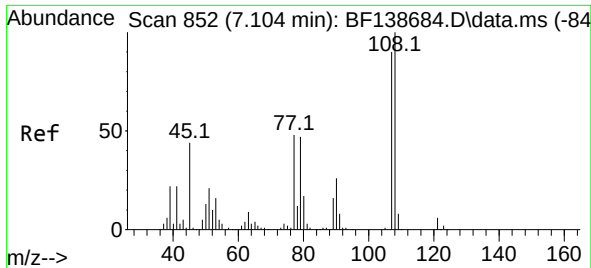


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.343 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion: 45 Resp: 203620
Ion Ratio Lower Upper
45 100
77 36.0 0.0 34.9#
79 32.9 0.0 32.2#





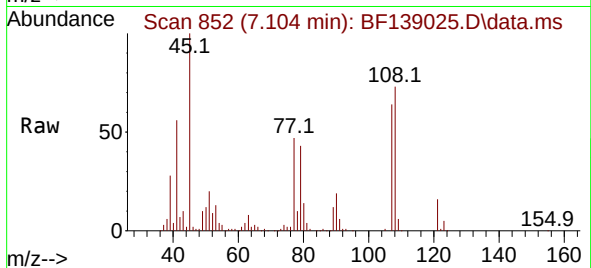
#17
2-Methylphenol
Concen: 38.983 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

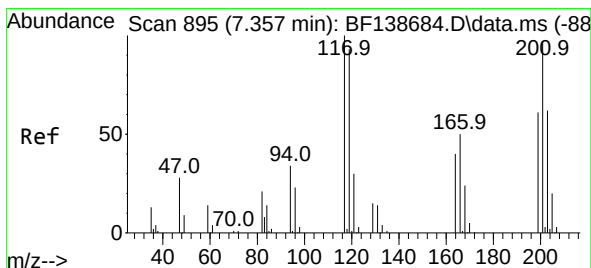
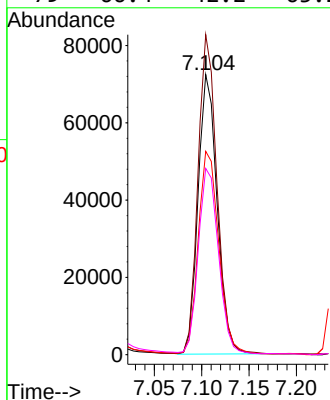
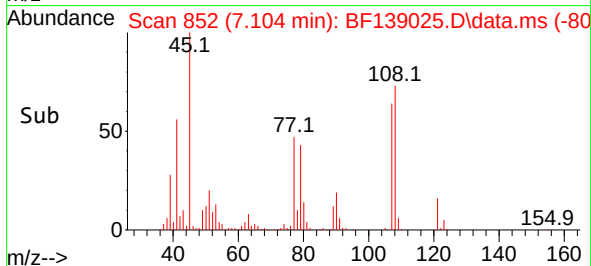


Tgt Ion:107 Resp: 101359
Ion Ratio Lower Upper
107 100
108 114.2 89.2 133.8
77 72.6 43.0 64.4
79 66.4 42.2 63.2

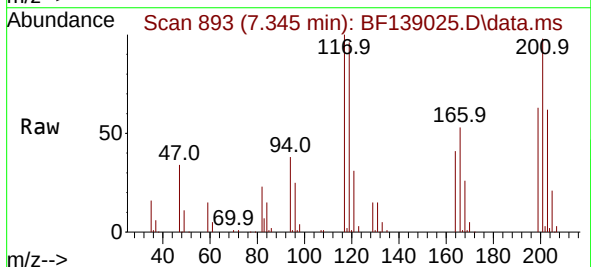
Manual Integrations

APPROVED

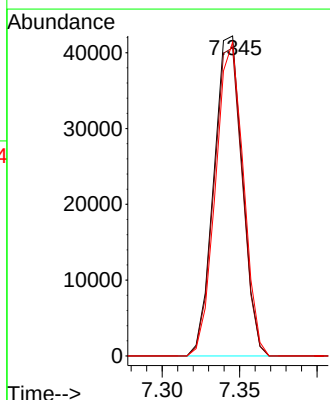
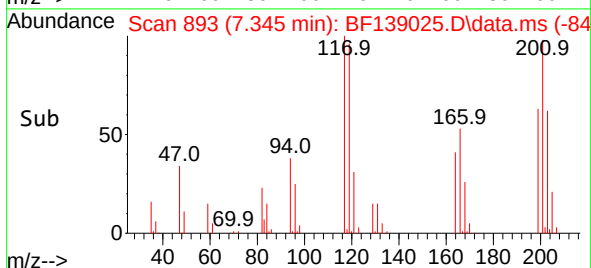
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

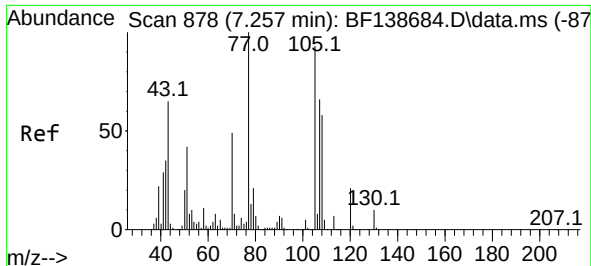


#18
Hexachloroethane
Concen: 40.423 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:117 Resp: 54124
Ion Ratio Lower Upper
117 100
119 96.3 74.6 111.8
201 98.1 77.2 115.8





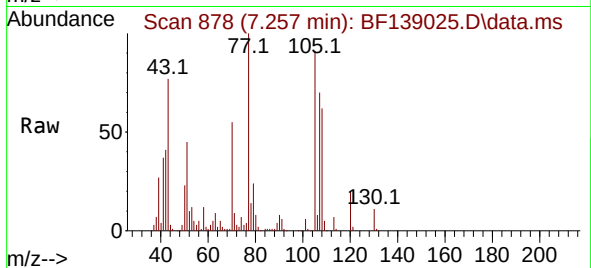
#19
n-Nitroso-di-n-propylamine
Concen: 40.737 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

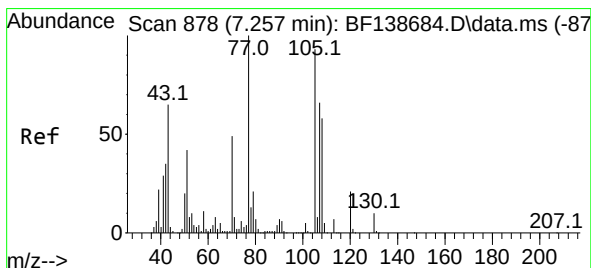
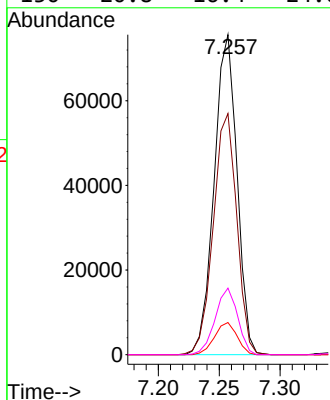


Tgt Ion:	70	Resp:	9886
Ion Ratio	Lower	Upper	
70	100		
42	75.3	57.4	86.0
101	10.0	7.5	11.3
130	20.8	16.4	24.6

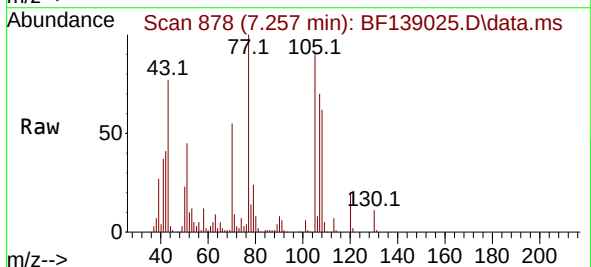
Manual Integrations

APPROVED

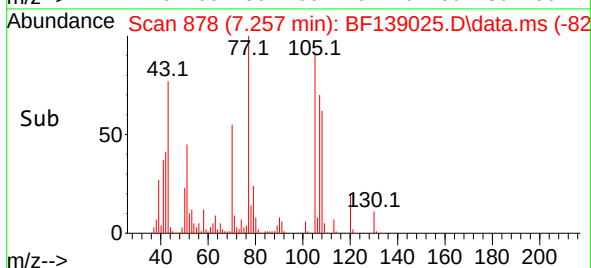
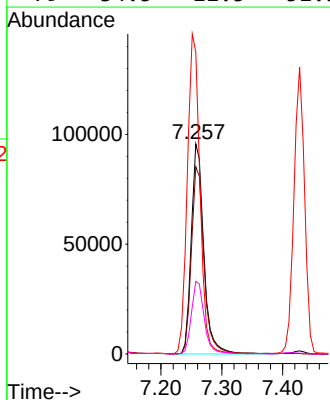
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

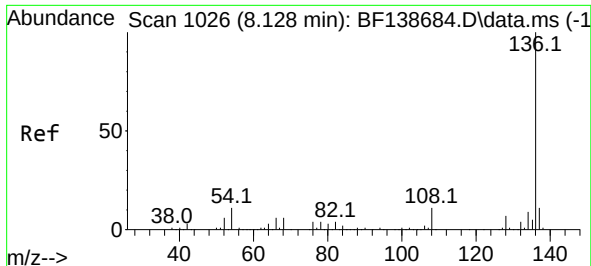


#20
3+4-Methylphenols
Concen: 41.195 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:	107	Resp:	137424
Ion Ratio	Lower	Upper	
107	100		
108	89.0	68.2	108.2
77	143.7	132.1	172.1
79	34.5	11.5	51.5





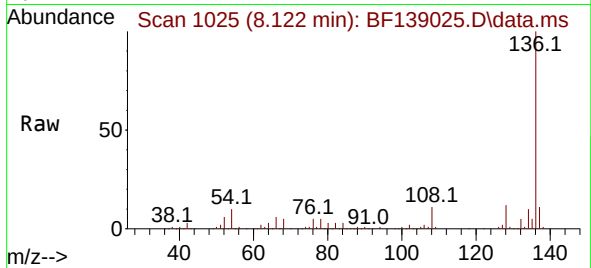
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

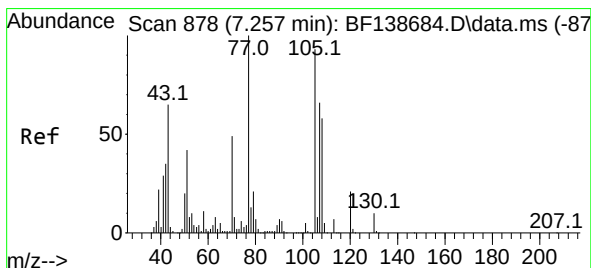
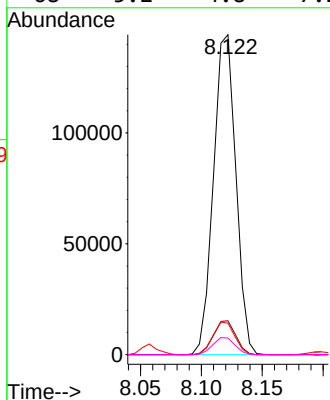
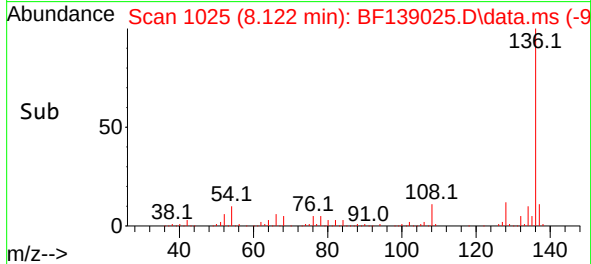


Tgt Ion:136 Resp: 185239
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.9 8.6 12.8
68 5.2 4.8 7.2

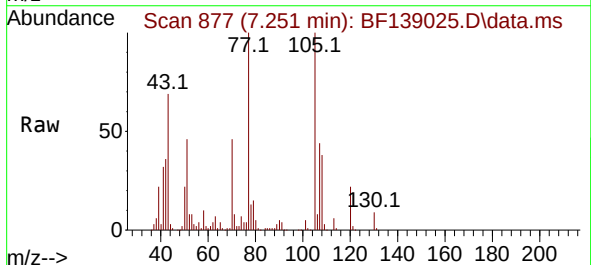
Manual Integrations

APPROVED

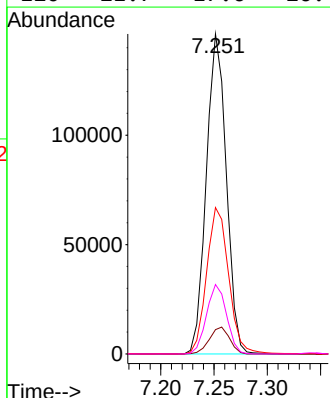
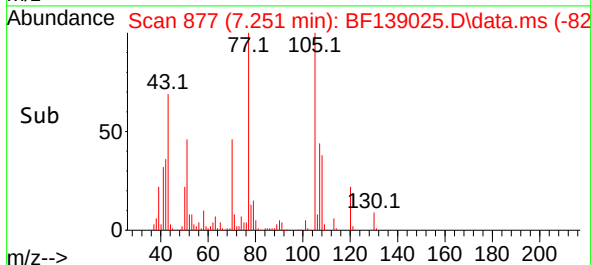
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

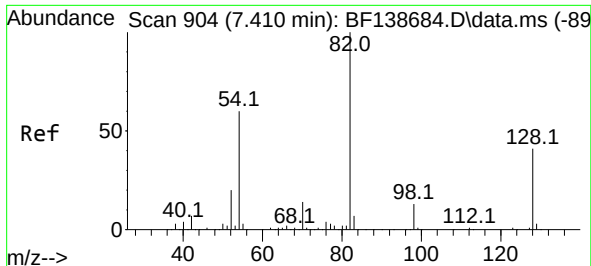


#22
Acetophenone
Concen: 42.049 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:105 Resp: 190713
Ion Ratio Lower Upper
105 100
71 7.6 7.2 10.8
51 45.8 35.9 53.9
120 21.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 83.551 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

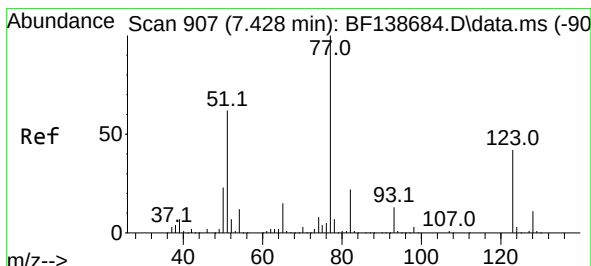
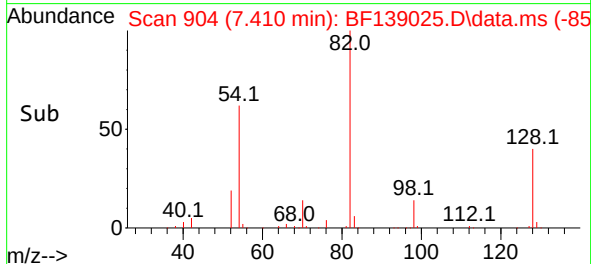
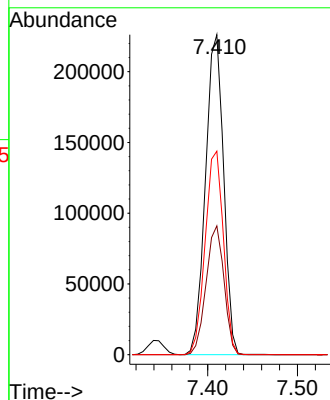
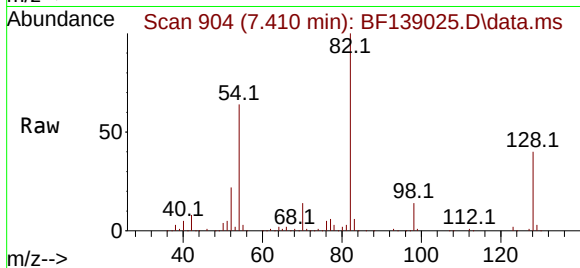
SSTDCCC040

Tgt Ion: 82 Resp: 316549
 Ion Ratio Lower Upper
 82 100
 128 40.3 32.8 49.2
 54 63.6 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: 41.199 ng

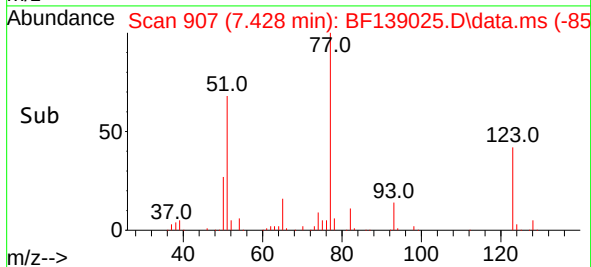
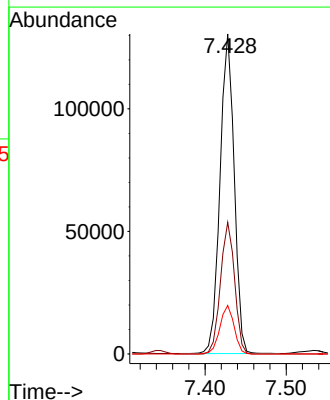
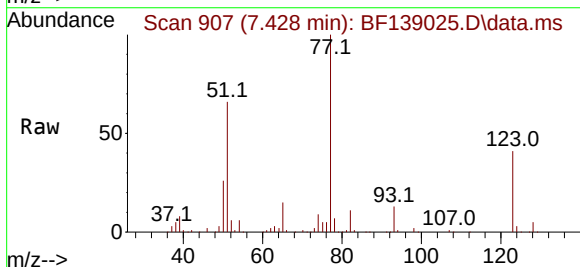
RT: 7.428 min Scan# 907

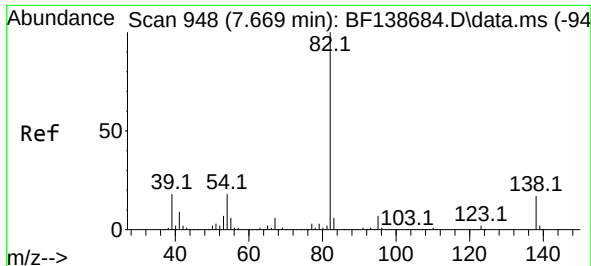
Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion: 77 Resp: 158834
 Ion Ratio Lower Upper
 77 100
 123 41.2 33.3 49.9
 65 15.2 11.9 17.9





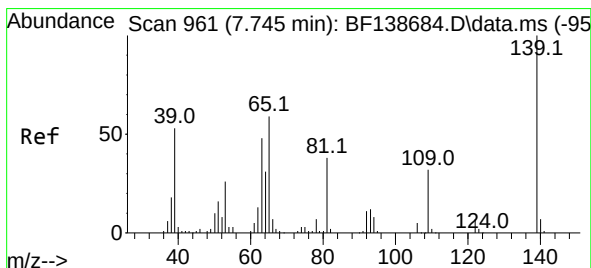
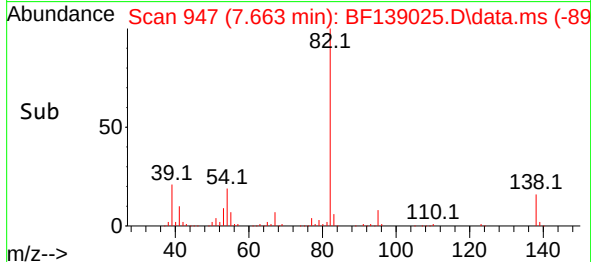
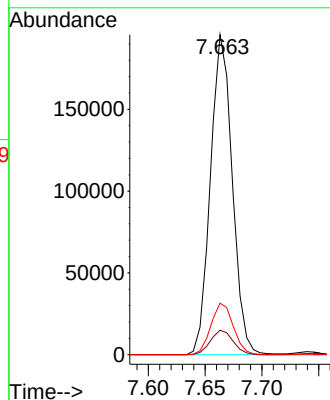
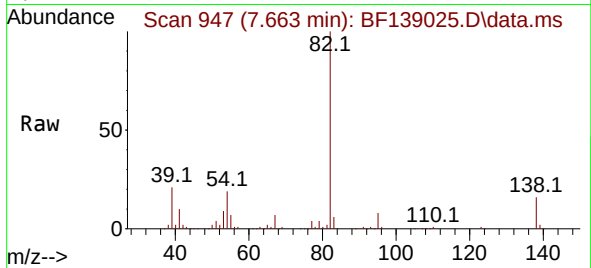
#25
Isophorone
Concen: 40.481 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 261884
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.1 13.7 20.5

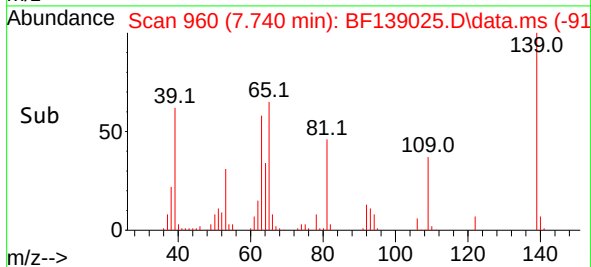
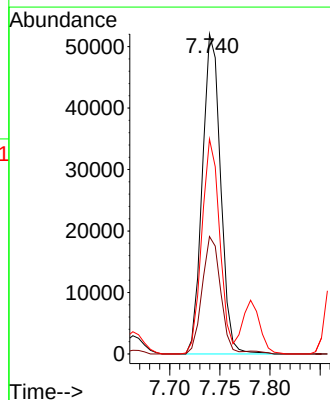
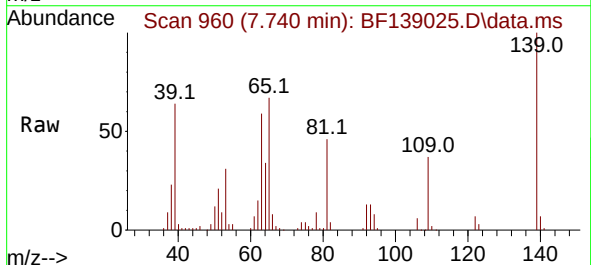
Manual Integrations
APPROVED

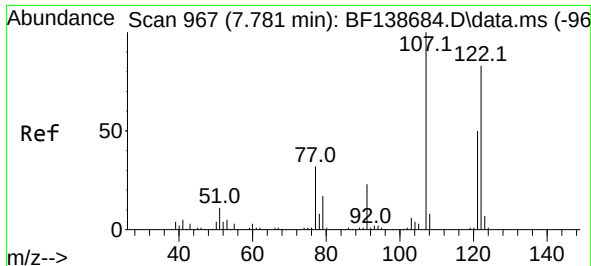
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#26
2-Nitrophenol
Concen: 39.880 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:139 Resp: 66148
Ion Ratio Lower Upper
139 100
109 36.7 25.9 38.9
65 67.1 47.0 70.6





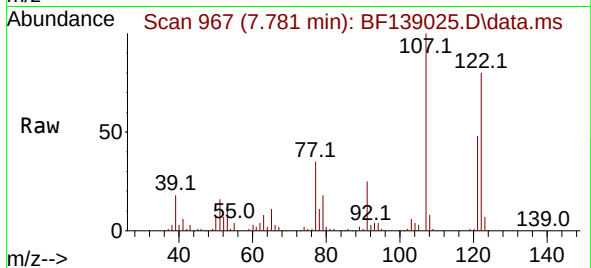
#27
2,4-Dimethylphenol
Concen: 39.450 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

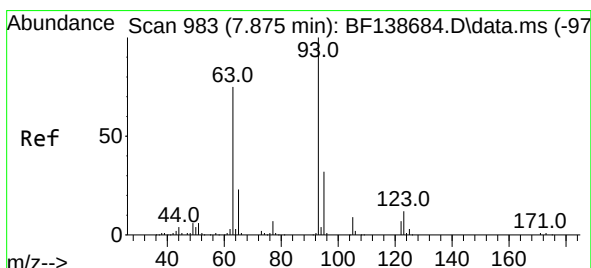
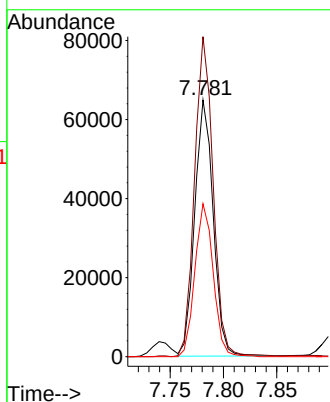
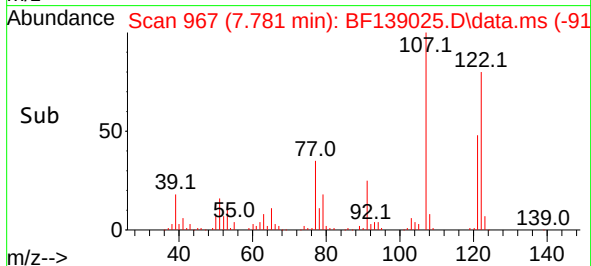


Tgt Ion:122 Resp: 78290
Ion Ratio Lower Upper
122 100
107 124.7 95.0 142.6
121 59.6 47.3 70.9

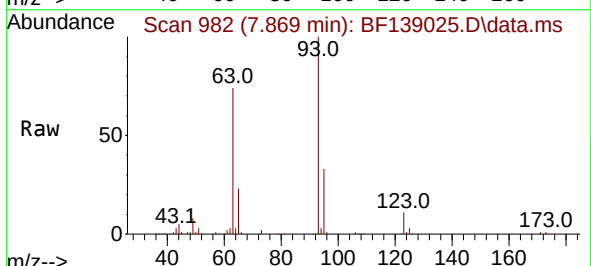
Manual Integrations

APPROVED

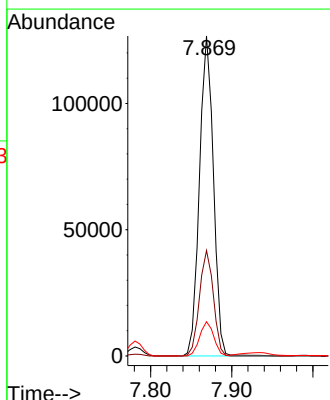
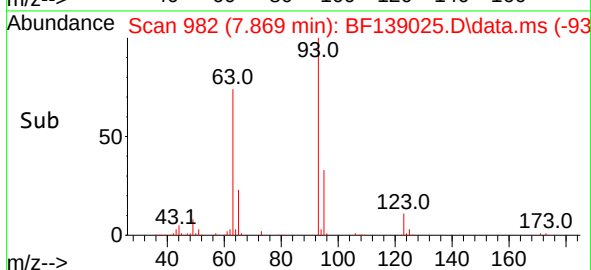
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

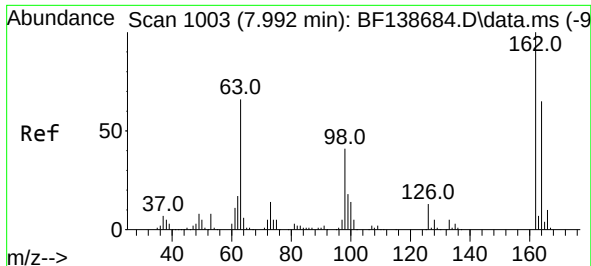


#28
bis(2-Chloroethoxy)methane
Concen: 38.429 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion: 93 Resp: 151398
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.648 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139025.D

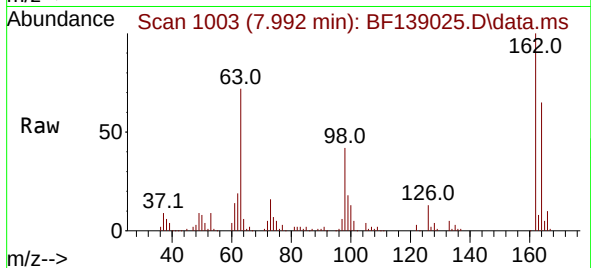
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 103650

Ion Ratio Lower Upper

162 100

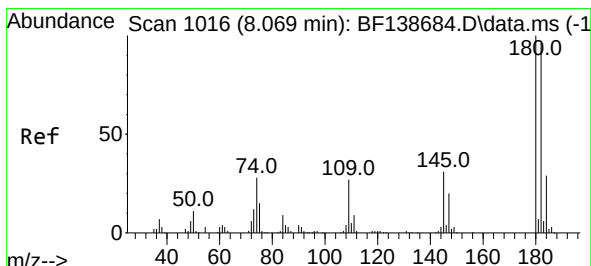
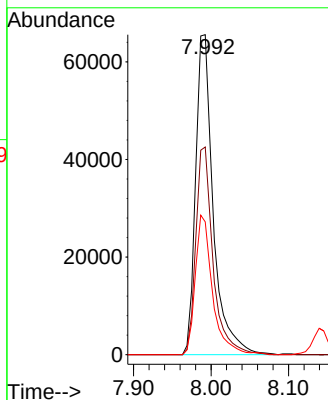
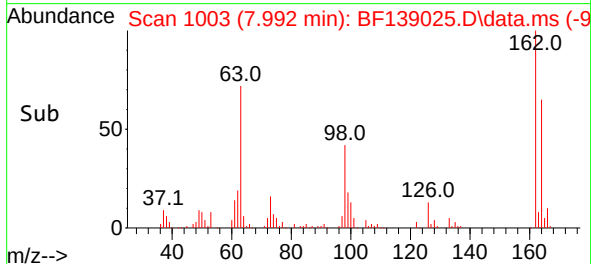
164 64.9 44.7 84.7

98 41.5 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: 39.871 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

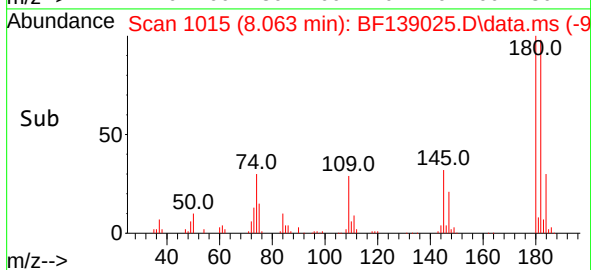
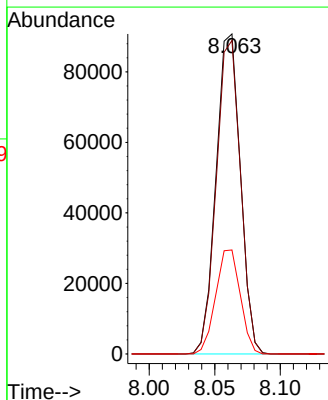
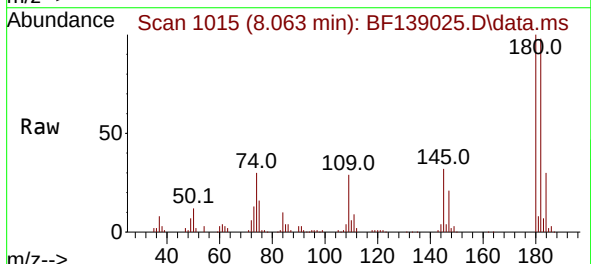
Tgt Ion:180 Resp: 117336

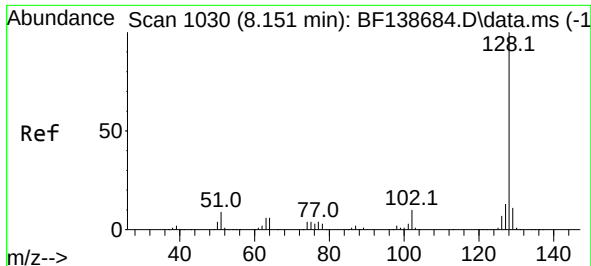
Ion Ratio Lower Upper

180 100

182 97.9 76.9 115.3

145 32.5 25.0 37.4





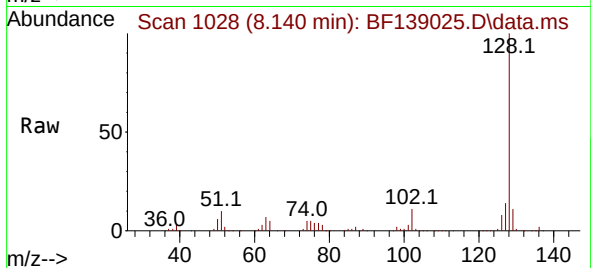
#31
Naphthalene
Concen: 39.521 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

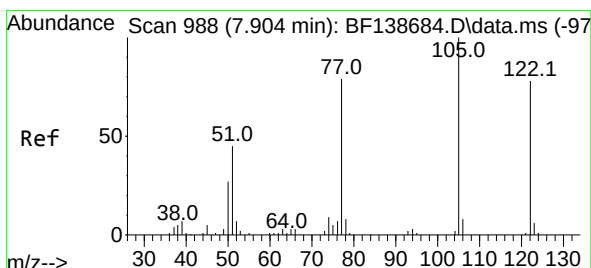
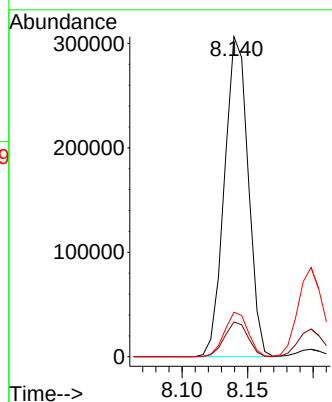
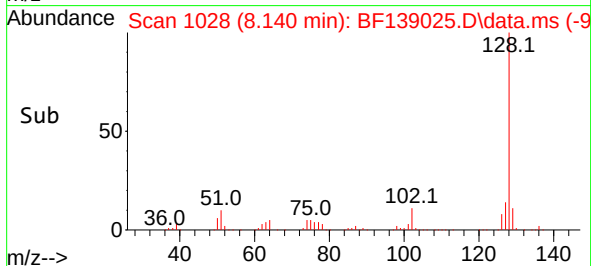


Tgt Ion:128 Resp: 385330
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.9 10.6 16.0

Manual Integrations

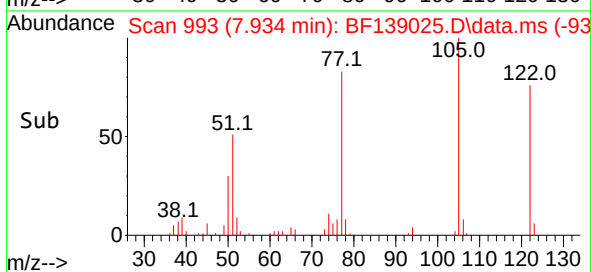
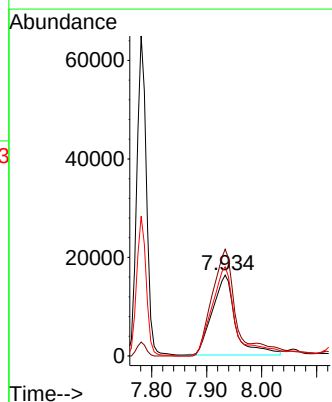
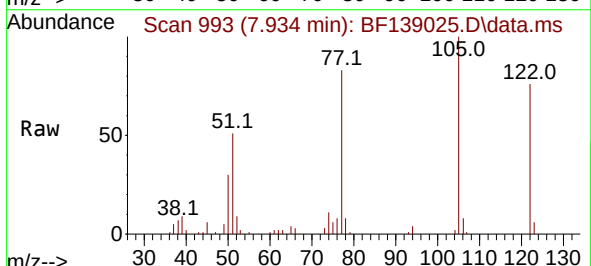
APPROVED

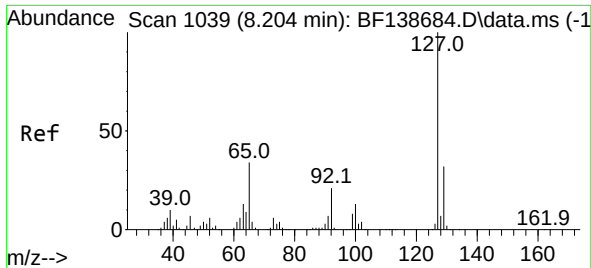
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#32
Benzoic acid
Concen: 30.436 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:122 Resp: 47480
Ion Ratio Lower Upper
122 100
105 132.0 106.7 146.7
77 110.2 81.1 121.1





#33
4-Chloroaniline
Concen: 37.170 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

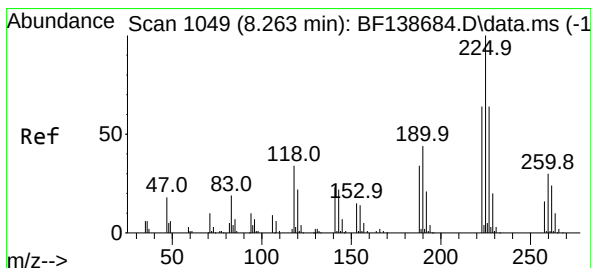
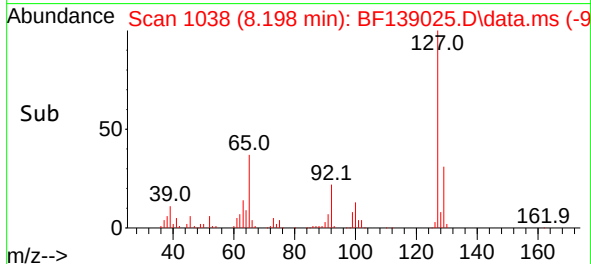
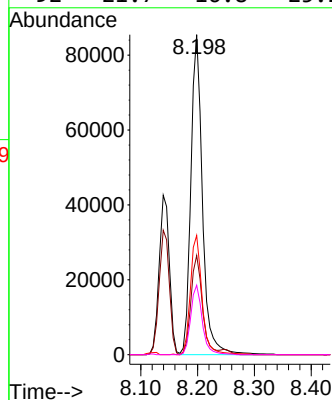
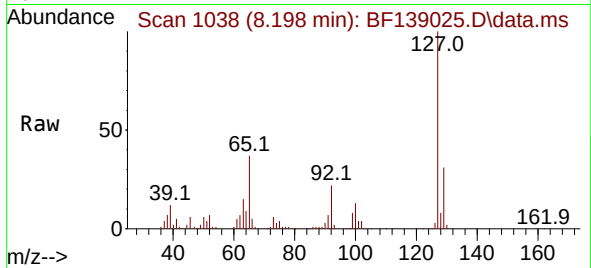
SSTDCCC040

Tgt Ion:127 Resp: 12165
Ion Ratio Lower Upper
127 100
129 31.0 25.9 38.9
65 37.3 27.6 41.4
92 21.7 16.8 25.2

Manual Integrations

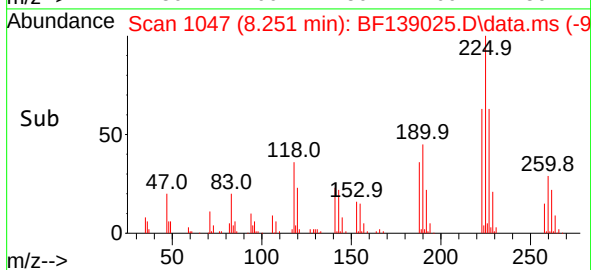
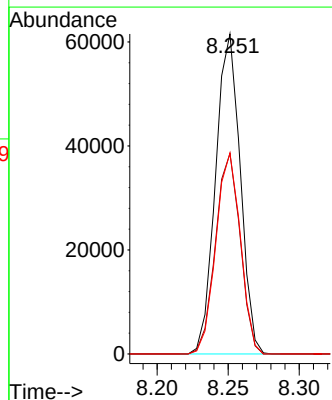
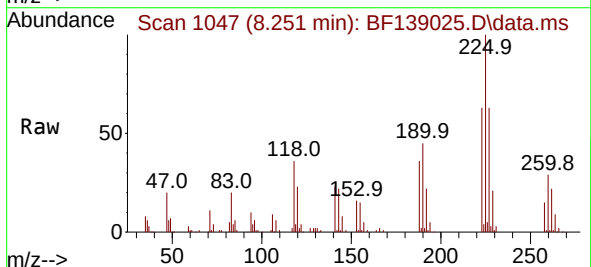
APPROVED

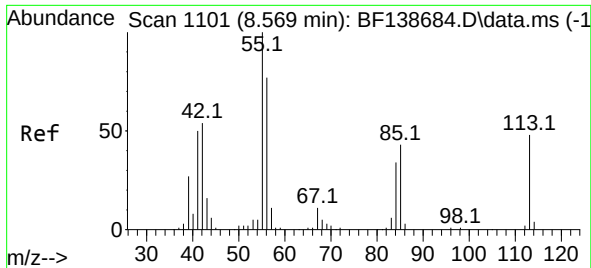
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#34
Hexachlorobutadiene
Concen: 41.689 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

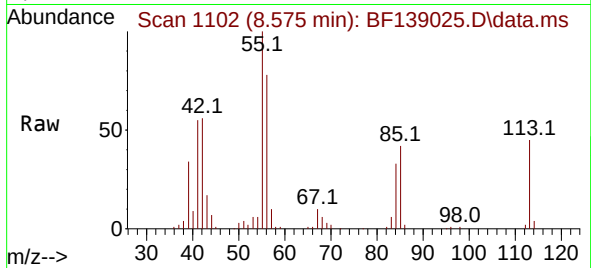
Tgt Ion:225 Resp: 74310
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 62.8 51.1 76.7





#35
Caprolactam
Concen: 42.453 ng
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

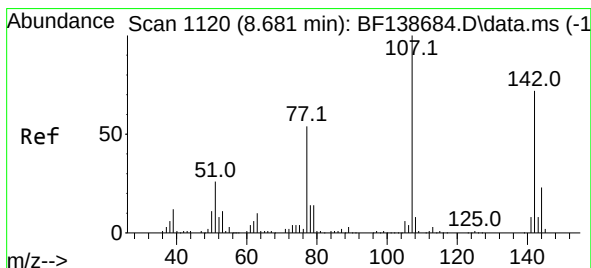
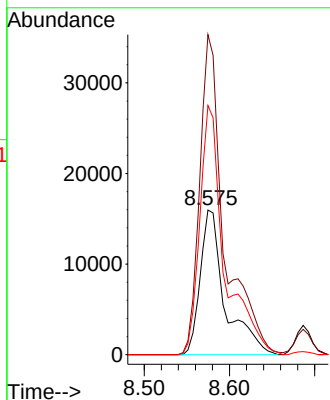
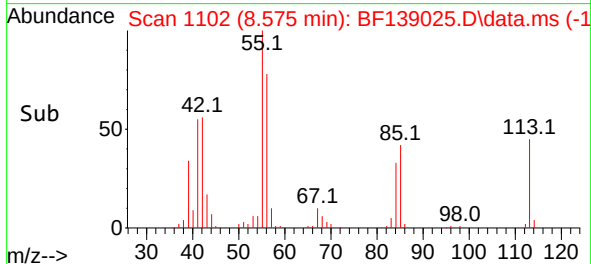
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



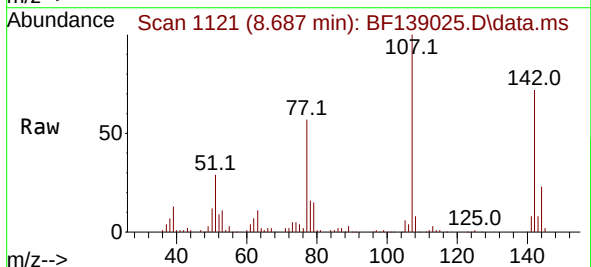
Tgt Ion:113 Resp: 3230
Ion Ratio Lower Upper
113 100
55 221.2 186.7 226.7
56 172.2 138.9 178.9

Manual Integrations
APPROVED

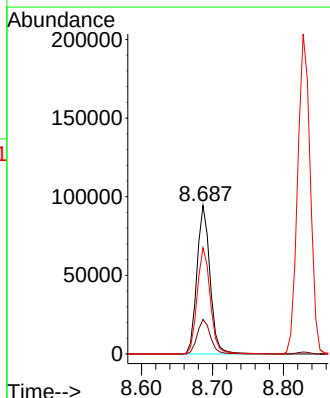
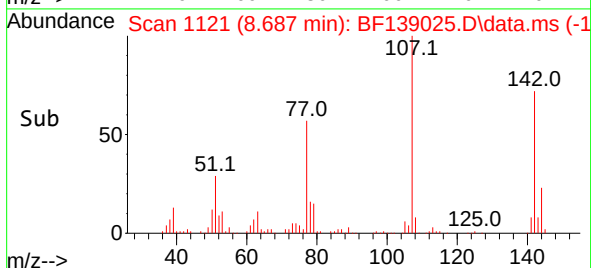
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

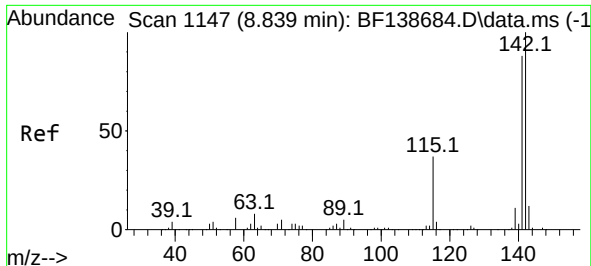


#36
4-Chloro-3-methylphenol
Concen: 41.678 ng
RT: 8.687 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:107 Resp: 121466
Ion Ratio Lower Upper
107 100
144 23.3 18.2 27.2
142 71.6 57.4 86.2





#37

2-Methylnaphthalene

Concen: 40.370 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 24858

Ion Ratio Lower Upper

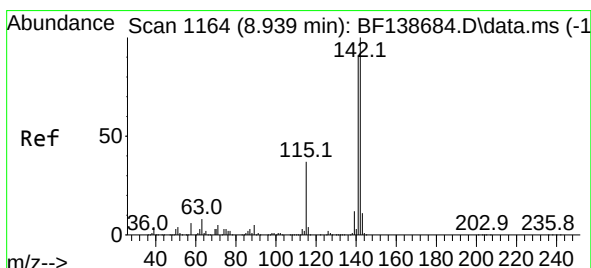
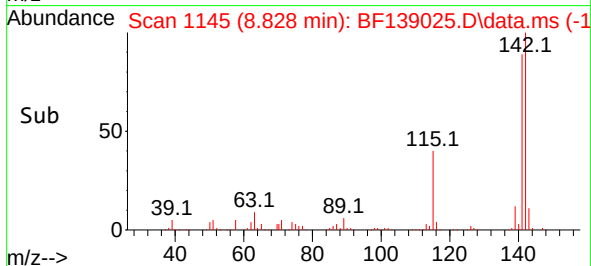
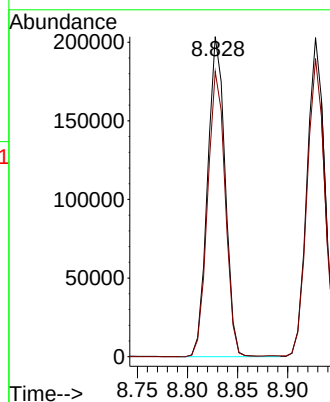
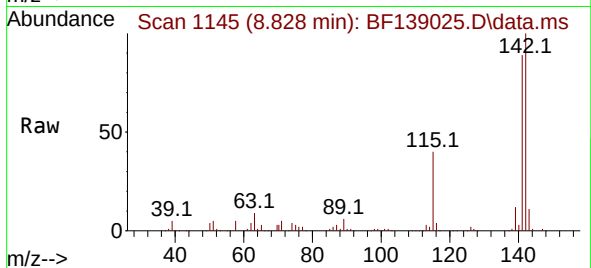
142 100

141 89.1 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: 40.692 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139025.D

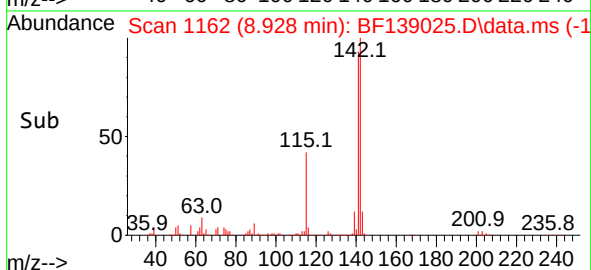
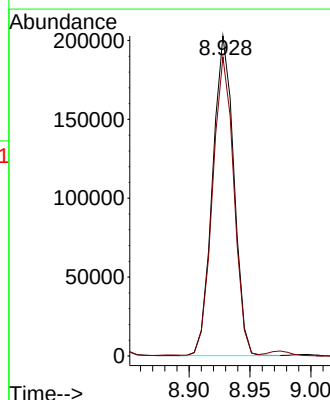
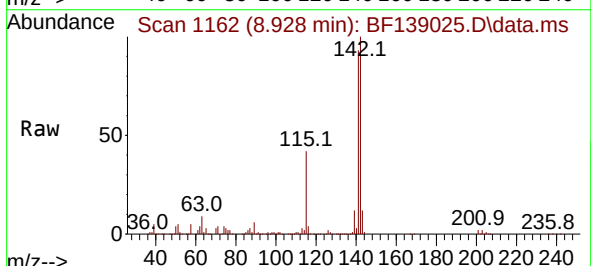
Acq: 15 Aug 2024 16:31

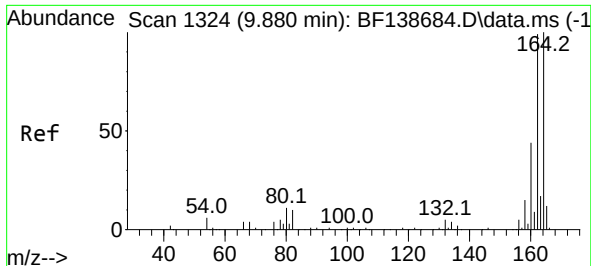
Tgt Ion:142 Resp: 245538

Ion Ratio Lower Upper

142 100

141 93.5 73.1 109.7





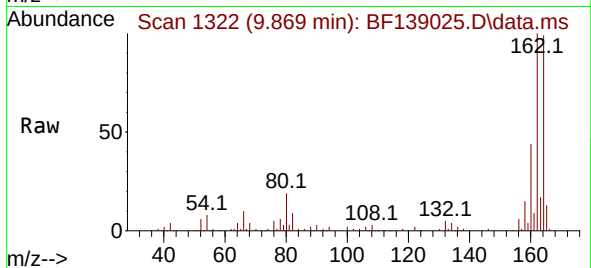
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

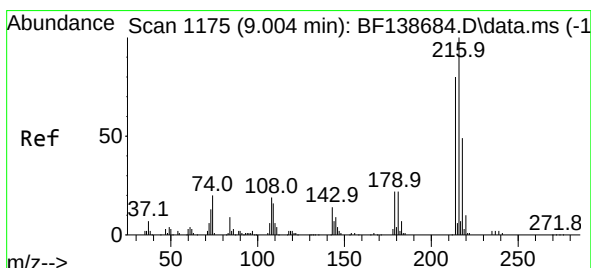
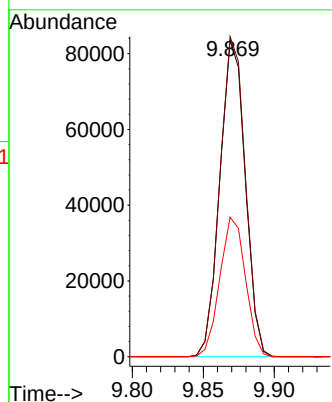
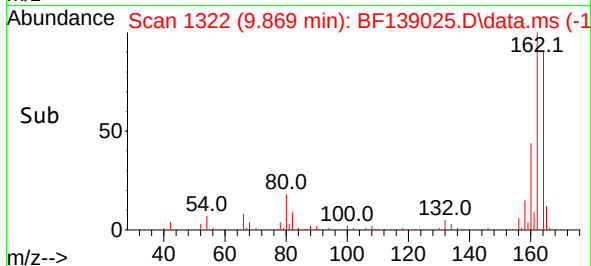


Tgt Ion:164 Resp: 103494
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.1 35.1 52.7

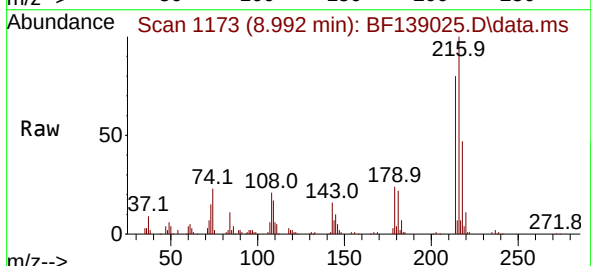
Manual Integrations

APPROVED

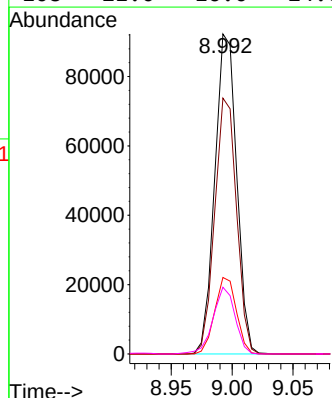
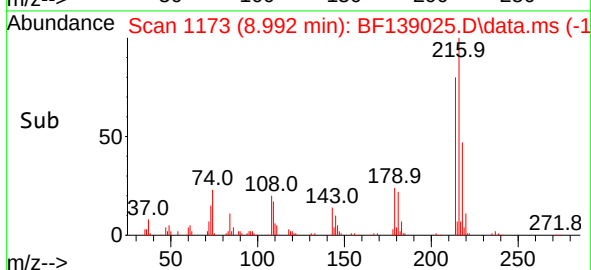
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

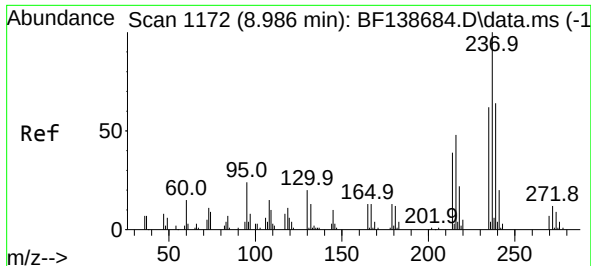


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.099 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:216 Resp: 115282
Ion Ratio Lower Upper
216 100
214 79.6 63.9 95.9
179 23.6 17.8 26.6
108 21.0 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 35.677 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

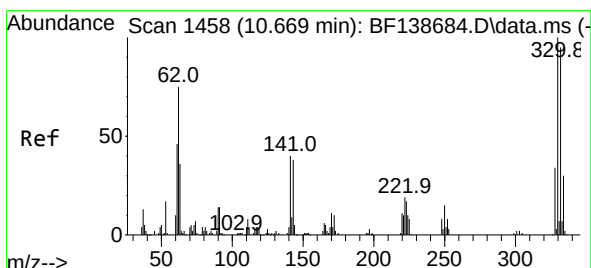
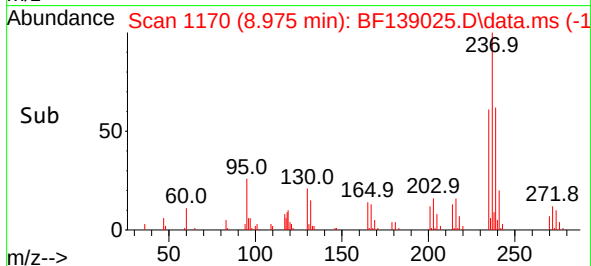
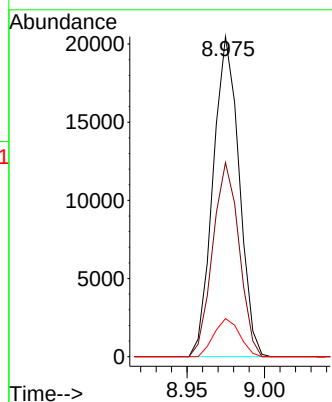
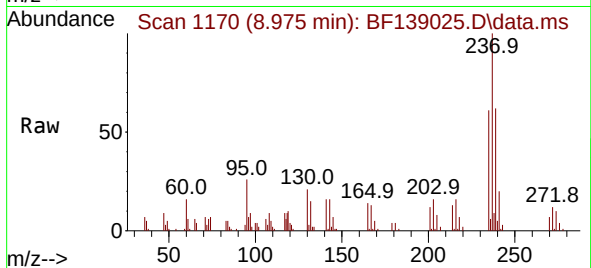
SSTDCCC040

Tgt Ion:237 Resp: 23932
Ion Ratio Lower Upper
237 100
235 60.7 41.8 81.8
272 11.9 0.0 32.2

Manual Integrations

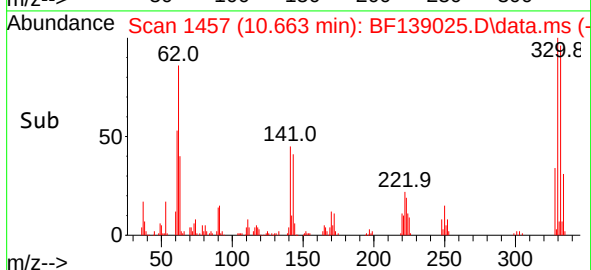
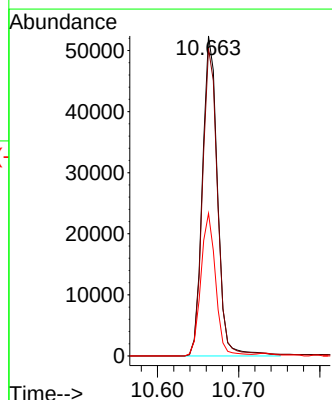
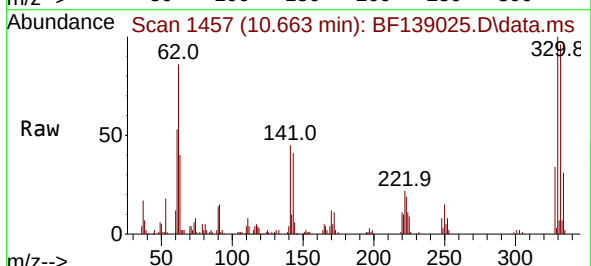
APPROVED

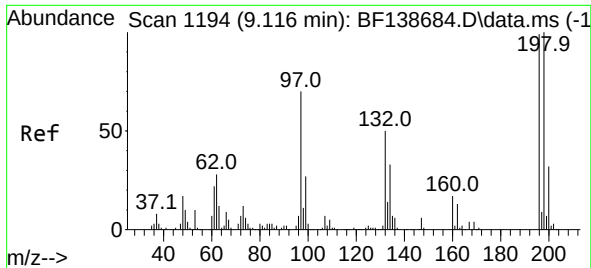
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#42
2,4,6-Tribromophenol
Concen: 79.912 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:330 Resp: 67746
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 43.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 38.342 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

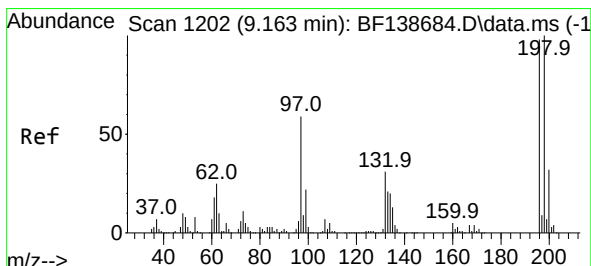
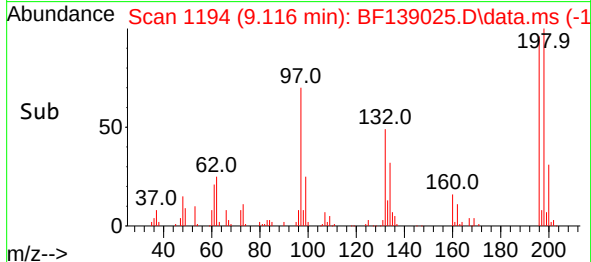
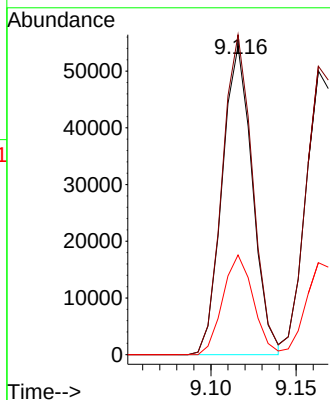
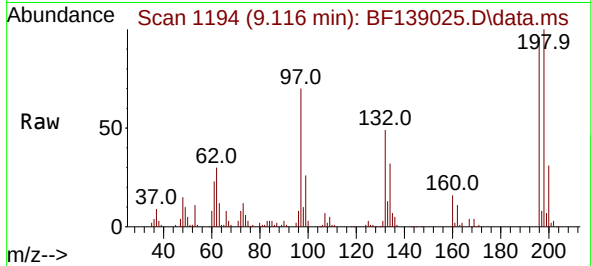
SSTDCCC040

Tgt Ion:196 Resp: 67209
Ion Ratio Lower Upper
196 100
198 103.7 80.5 120.7
200 32.3 25.9 38.9

Manual Integrations

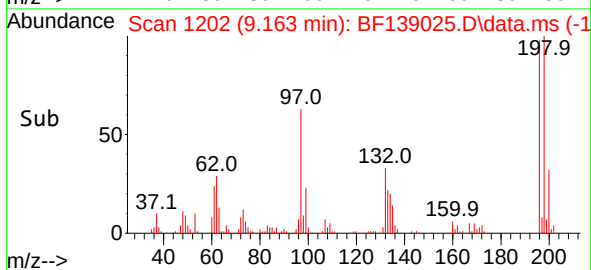
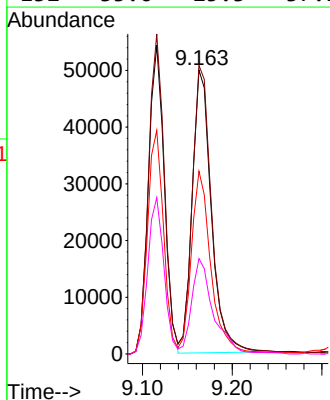
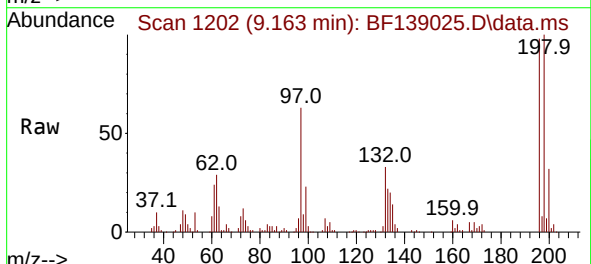
APPROVED

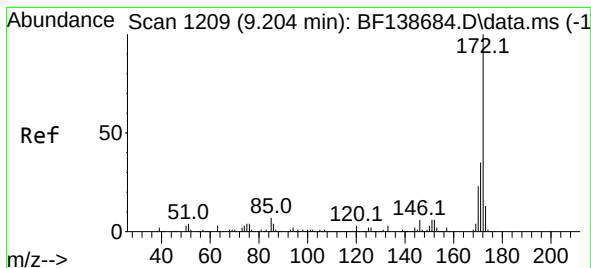
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#44
2,4,5-Trichlorophenol
Concen: 38.511 ng
RT: 9.163 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:196 Resp: 73797
Ion Ratio Lower Upper
196 100
198 101.6 81.2 121.8
97 64.4 47.8 71.6
132 33.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 83.230 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 573298

Ion Ratio Lower Upper

172 100

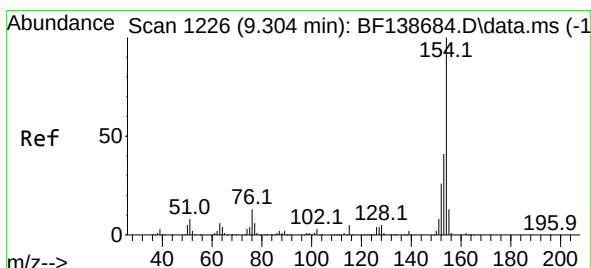
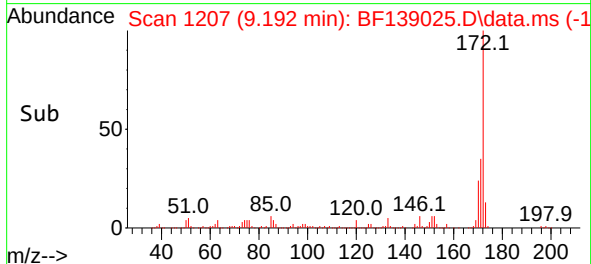
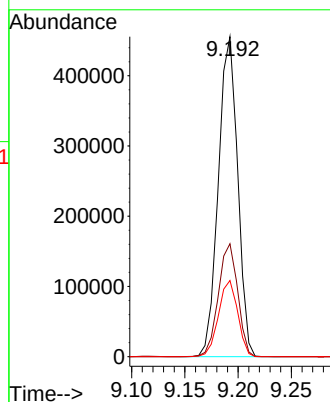
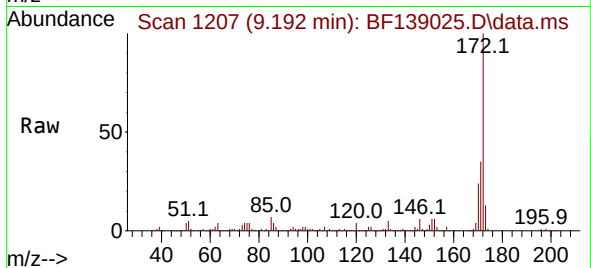
171 35.3 28.3 42.5

170 23.8 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: 39.976 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

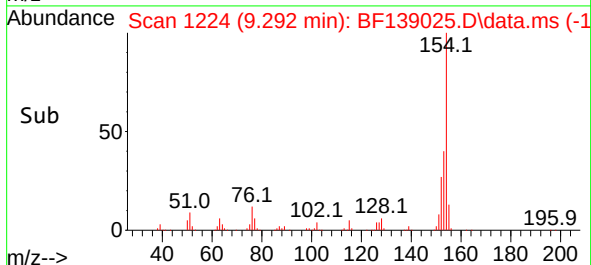
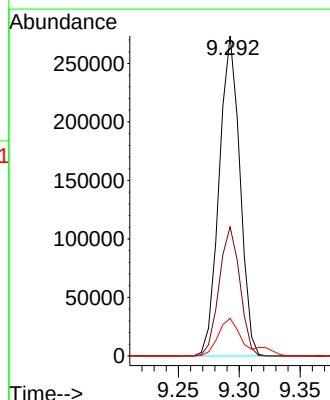
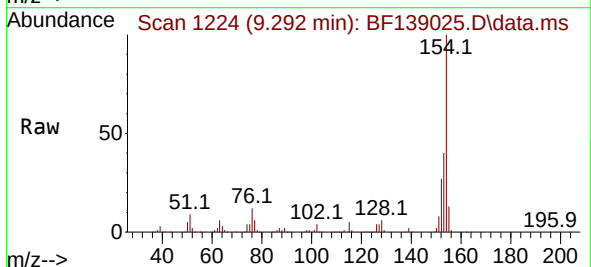
Tgt Ion:154 Resp: 324022

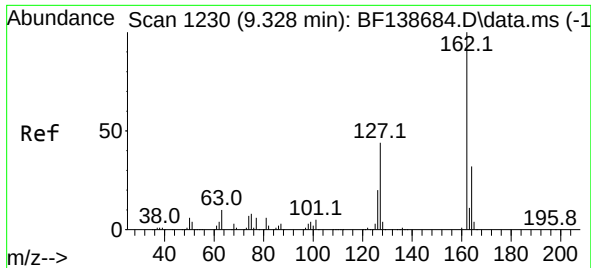
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.211 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

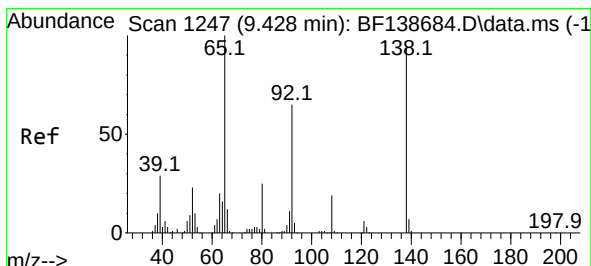
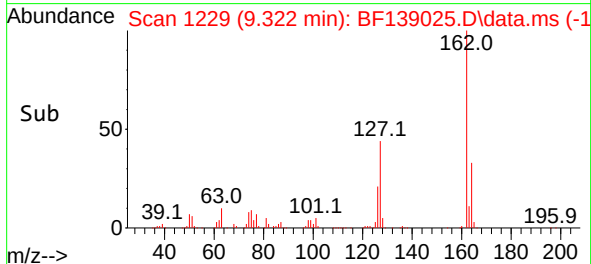
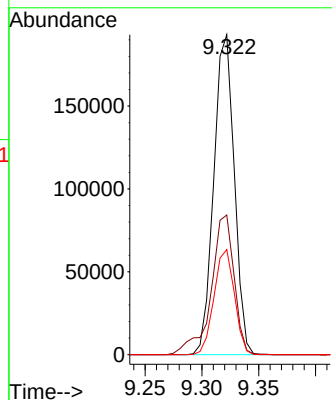
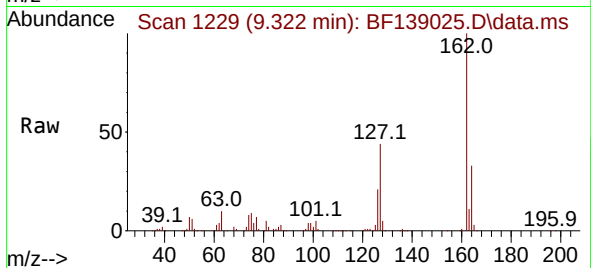
SSTDCCC040

Tgt Ion:162 Resp: 24240
Ion Ratio Lower Upper
162 100
127 43.6 35.4 53.2
164 32.8 25.6 38.4

Manual Integrations

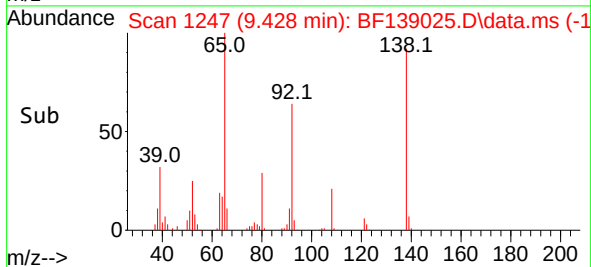
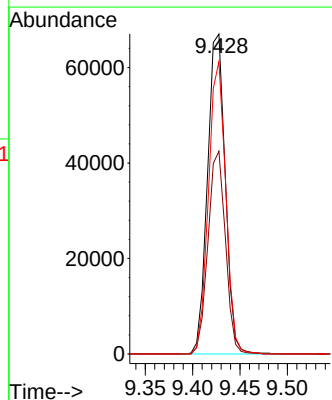
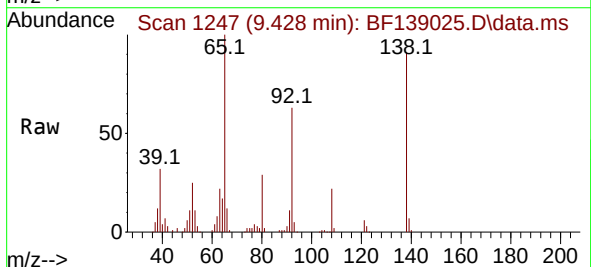
APPROVED

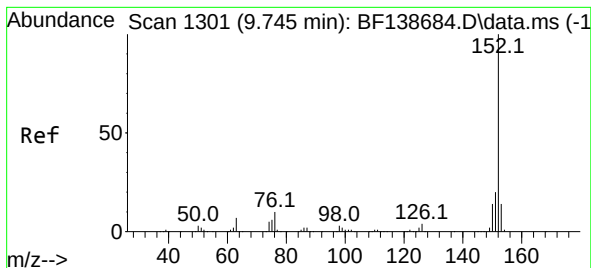
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#48
2-Nitroaniline
Concen: 42.668 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion: 65 Resp: 87200
Ion Ratio Lower Upper
65 100
92 63.3 52.0 78.0
138 91.4 76.2 114.4





#49

Acenaphthylene

Concen: 39.913 ng

RT: 9.734 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

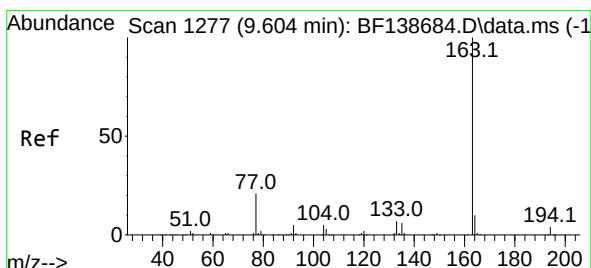
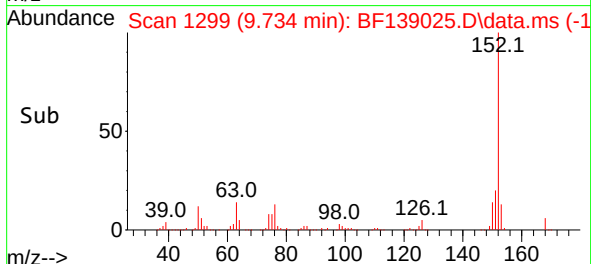
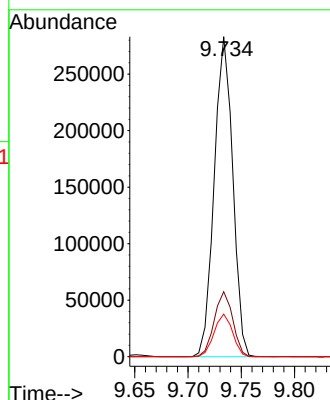
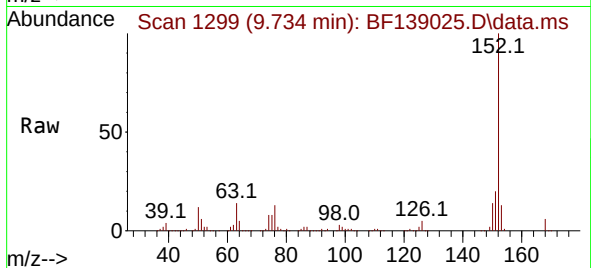
Tgt Ion:152 Resp: 34125

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.3	11.0	16.4

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 41.819 ng

RT: 9.592 min Scan# 1275

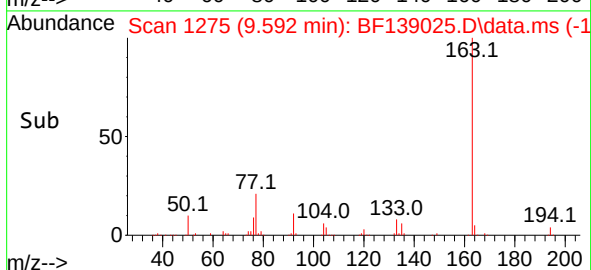
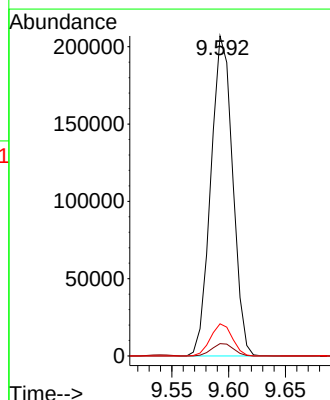
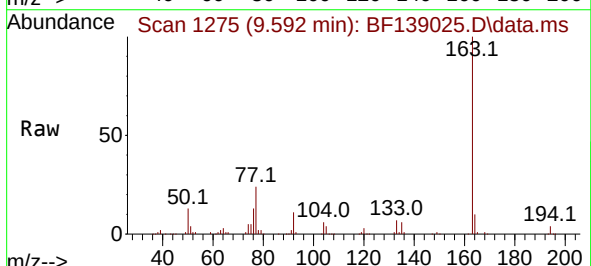
Delta R.T. -0.012 min

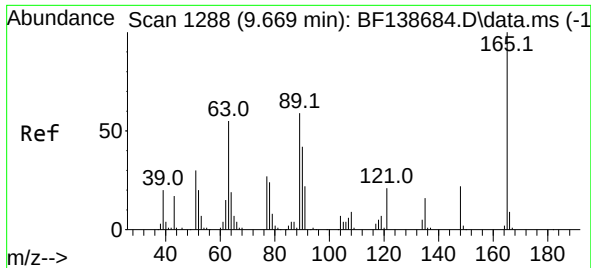
Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:163 Resp: 276736

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.1	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 43.887 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

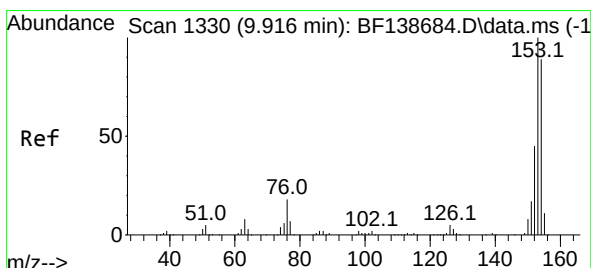
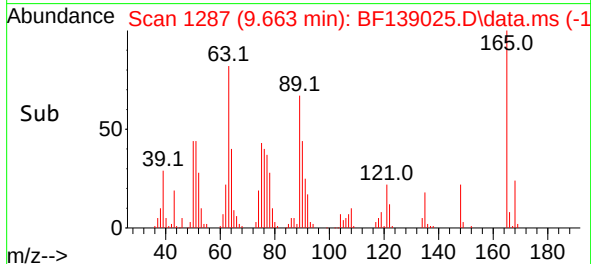
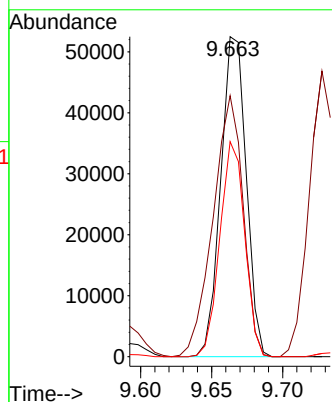
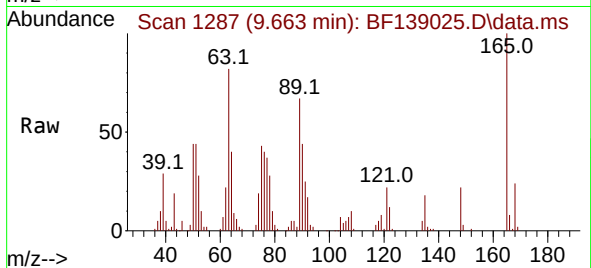
SSTDCCC040

Tgt Ion:165 Resp: 6554
Ion Ratio Lower Upper
165 100
63 81.6 52.0 78.0
89 67.2 47.0 70.6

Manual Integrations

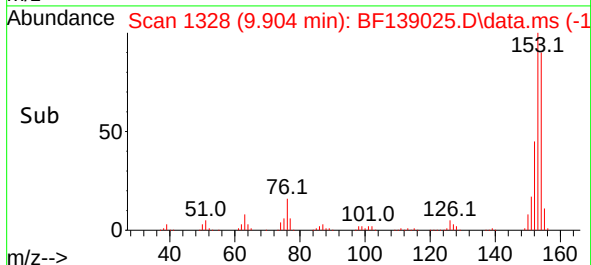
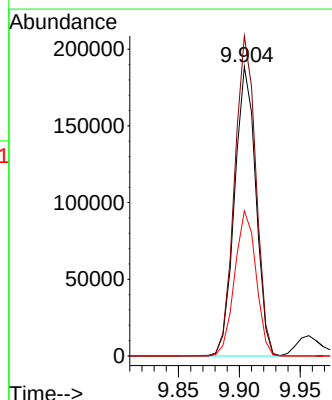
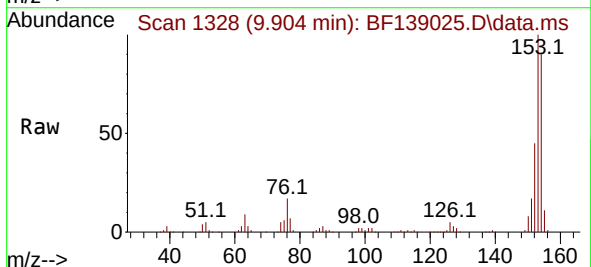
APPROVED

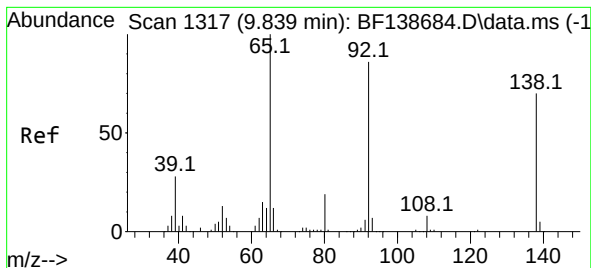
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#52
Acenaphthene
Concen: 39.888 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:154 Resp: 229254
Ion Ratio Lower Upper
154 100
153 110.6 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 40.183 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

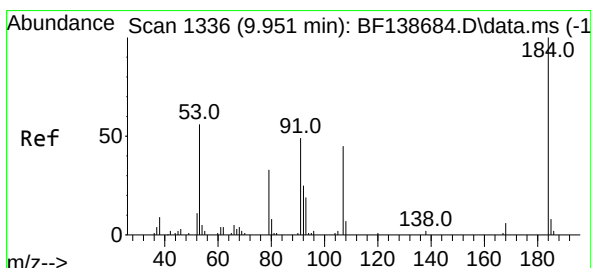
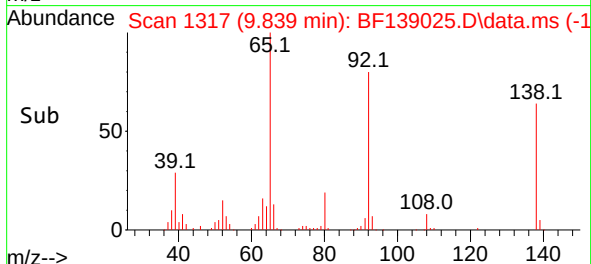
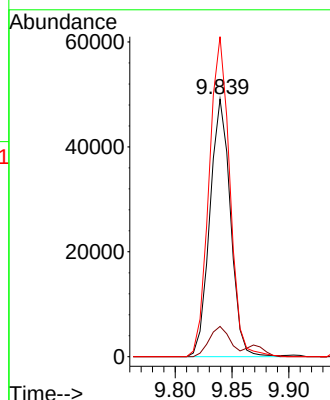
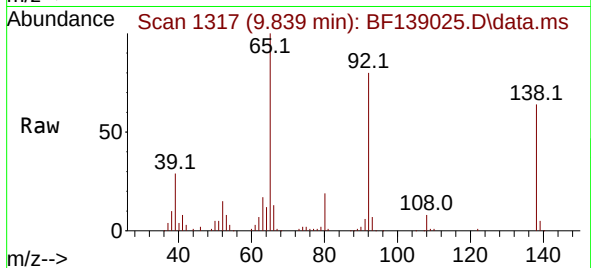
Tgt Ion:138 Resp: 62039

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	124.2	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: 43.390 ng

RT: 9.957 min Scan# 1337

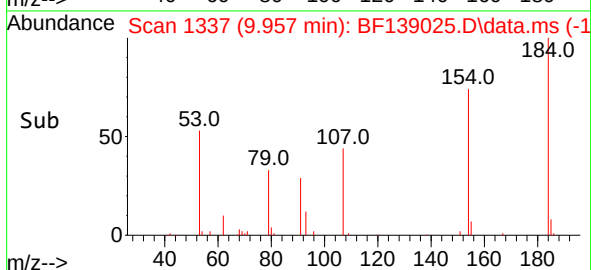
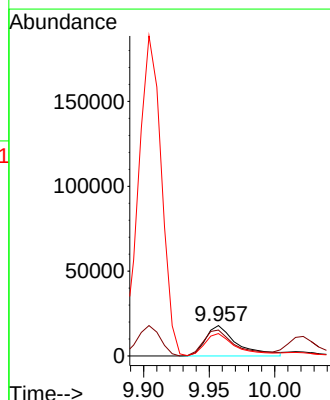
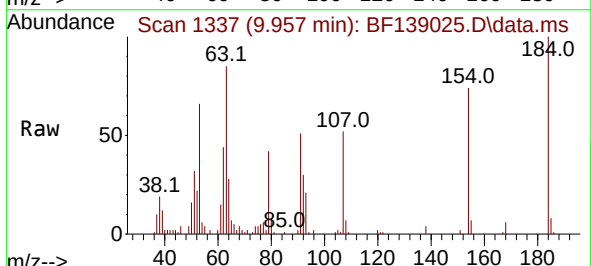
Delta R.T. 0.006 min

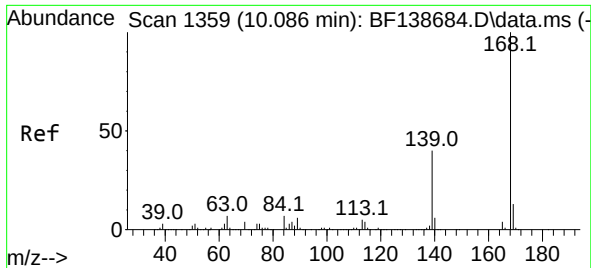
Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:184 Resp: 29830

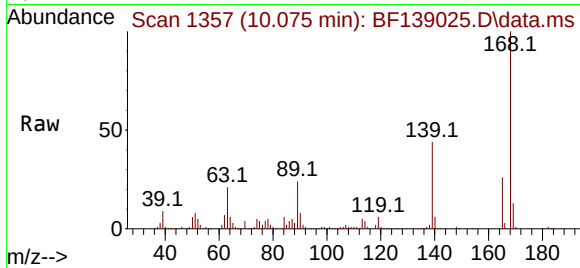
Ion	Ratio	Lower	Upper
184	100		
63	85.4	57.5	86.3
154	73.9	51.7	77.5





#55
Dibenzofuran
Concen: 40.893 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

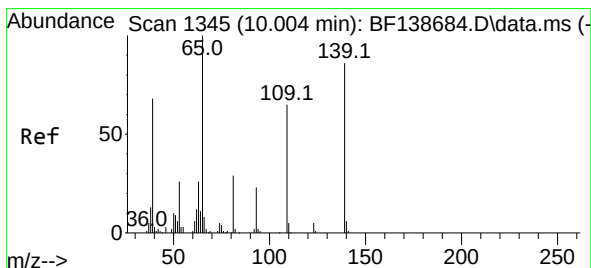
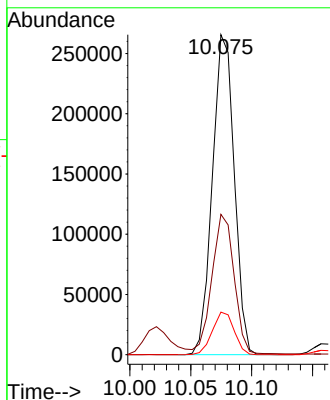
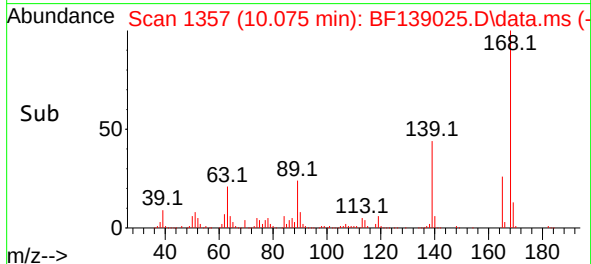
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 33176
Ion Ratio Lower Upper
168 100
139 43.9 32.6 49.0
169 13.3 10.7 16.1

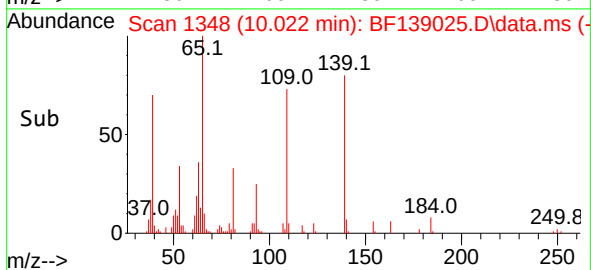
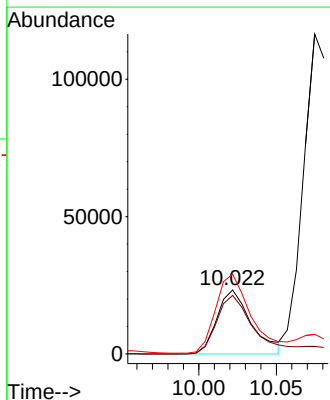
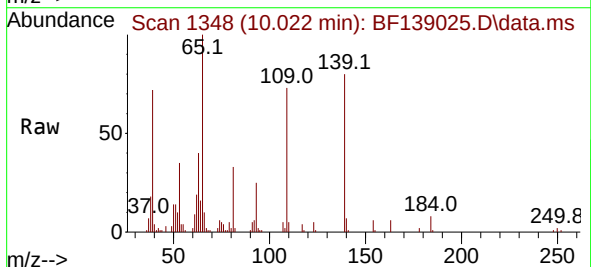
Manual Integrations
APPROVED

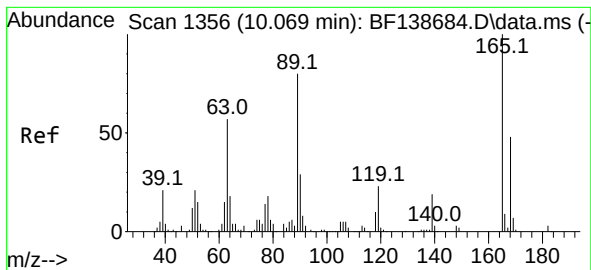
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#56
4-Nitrophenol
Concen: 38.596 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:139 Resp: 35833
Ion Ratio Lower Upper
139 100
109 91.7 55.5 95.5
65 124.8 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 43.734 ng
RT: 10.075 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

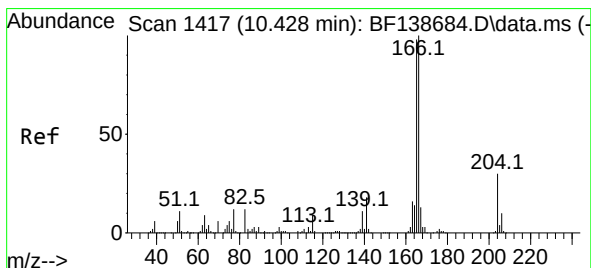
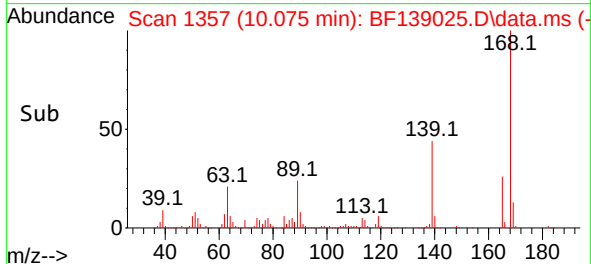
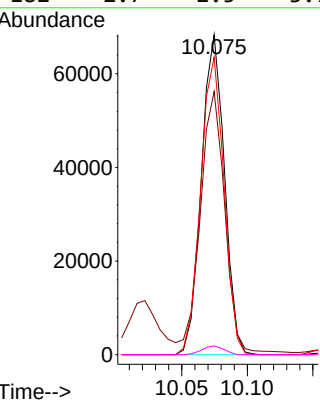
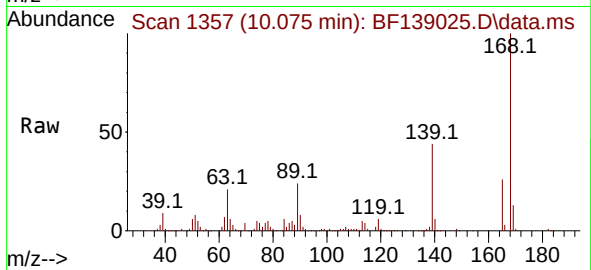
SSTDCCC040

Tgt Ion:165 Resp: 83332
Ion Ratio Lower Upper
165 100
63 82.2 46.3 69.5
89 92.9 64.2 96.4
182 2.7 2.5 3.7

Manual Integrations

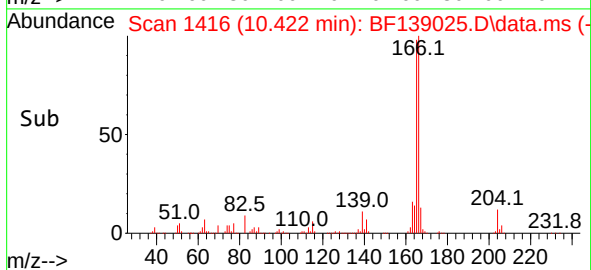
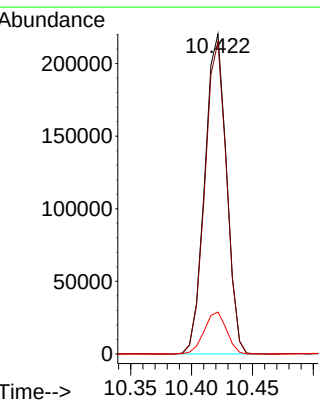
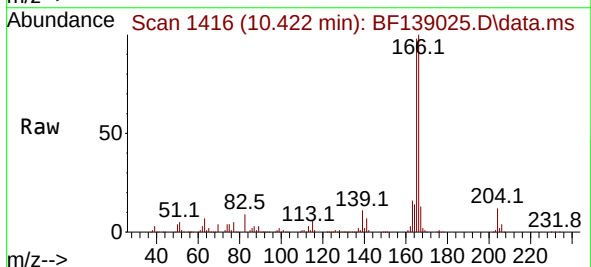
APPROVED

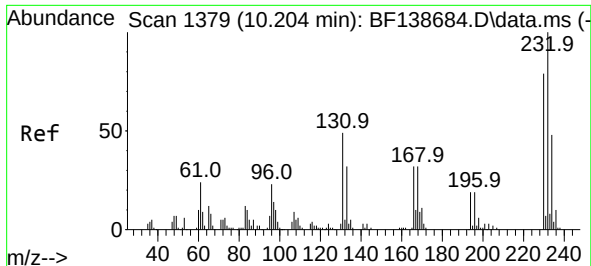
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#58
Fluorene
Concen: 42.452 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:166 Resp: 274269
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.119 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

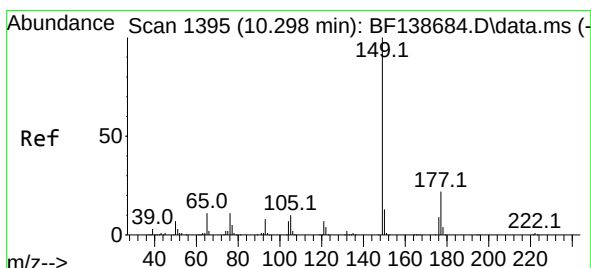
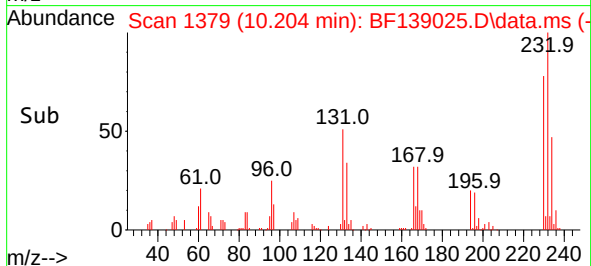
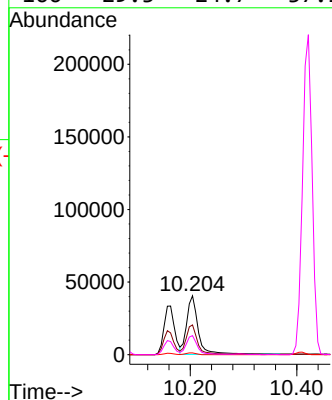
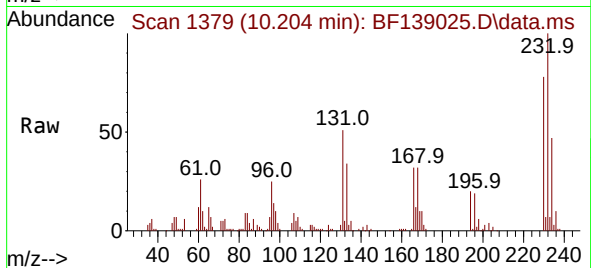
SSTDCCC040

Tgt Ion:232 Resp: 6024
Ion Ratio Lower Upper
232 100
131 47.2 37.0 55.4
130 2.6 2.0 3.0
166 29.3 24.7 37.1

Manual Integrations

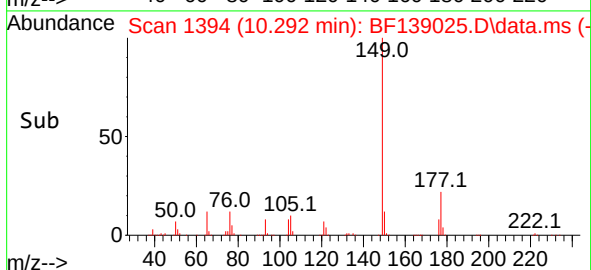
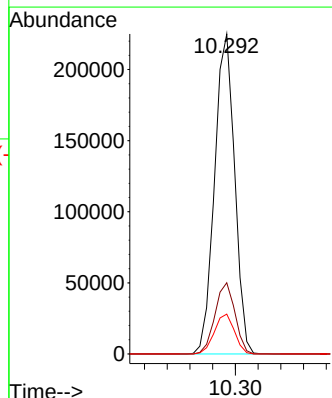
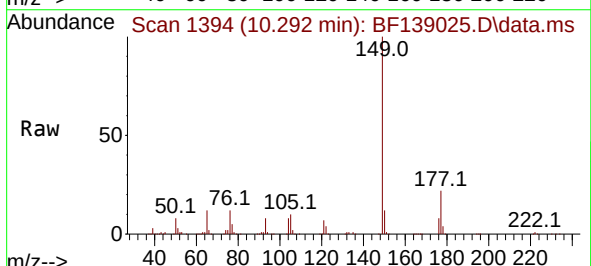
APPROVED

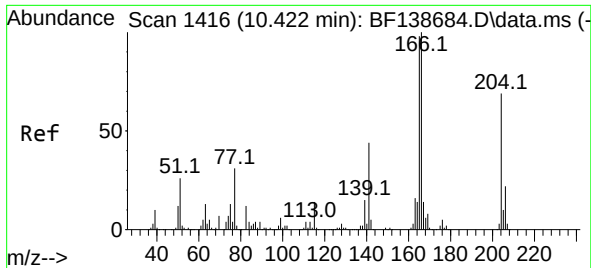
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#60
Diethylphthalate
Concen: 43.986 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

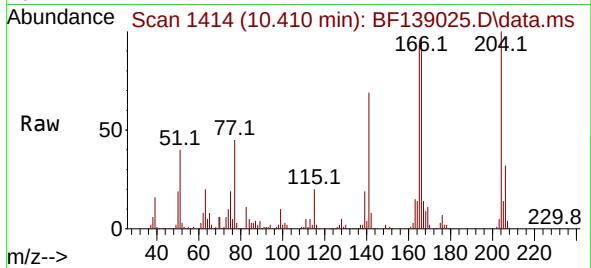
Tgt Ion:149 Resp: 275996
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.035 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

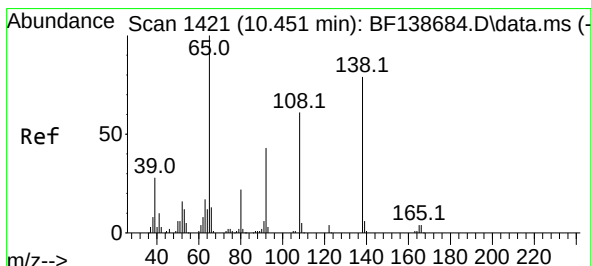
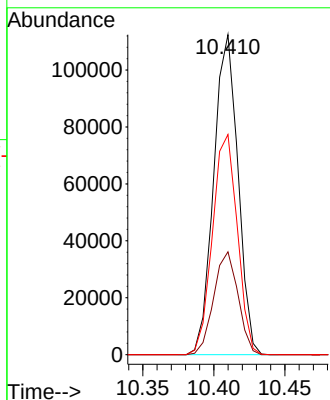
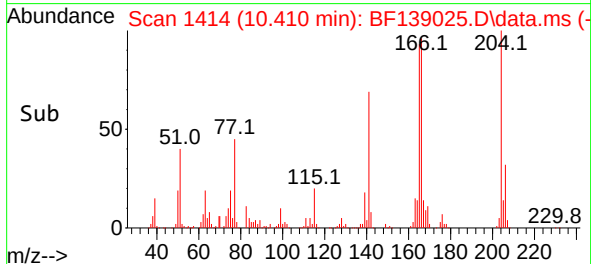
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



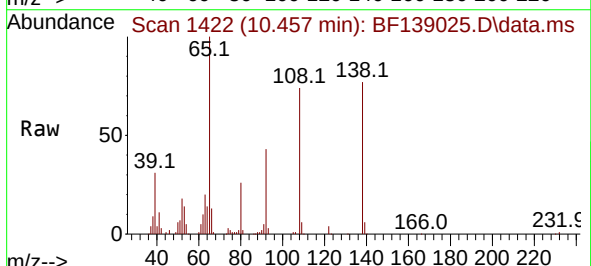
Tgt Ion:204 Resp: 13356
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 68.8 51.4 77.0

Manual Integrations
APPROVED

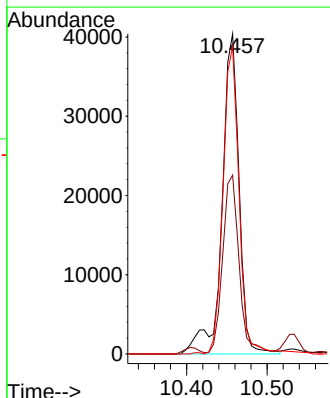
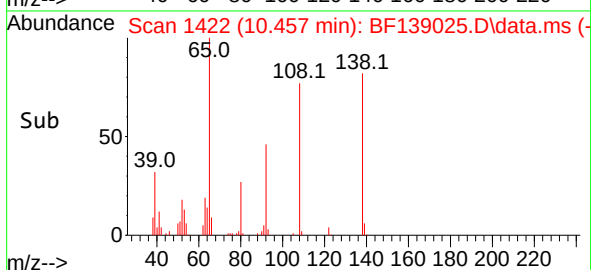
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

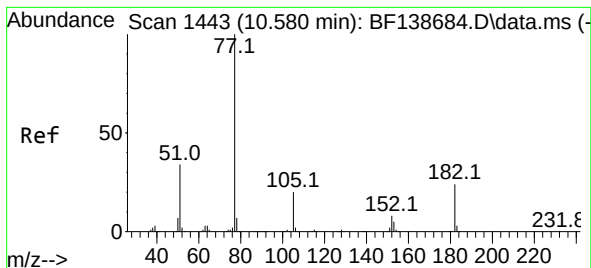


#62
4-Nitroaniline
Concen: 40.574 ng m
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:138 Resp: 59530
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 96.1 56.2 96.2





#63
Azobenzene
Concen: 41.401 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

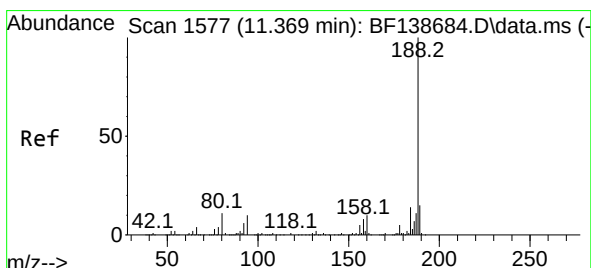
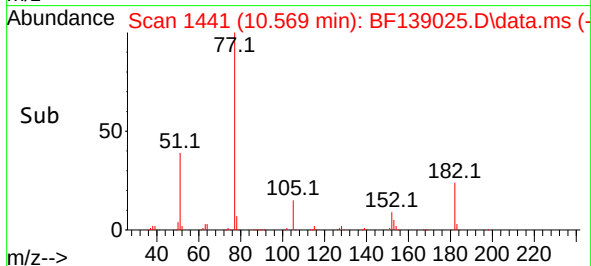
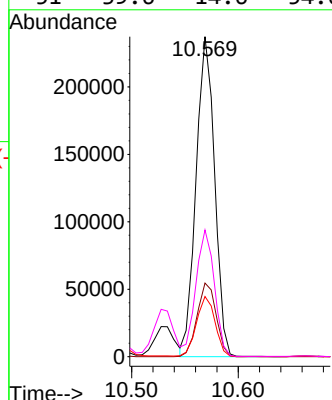
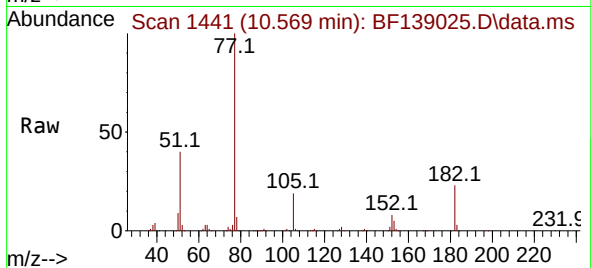
SSTDCCC040

Tgt Ion: 77 Resp: 28811
Ion Ratio Lower Upper
77 100
182 23.0 3.4 43.4
105 18.8 0.2 40.2
51 39.6 14.6 54.6

Manual Integrations

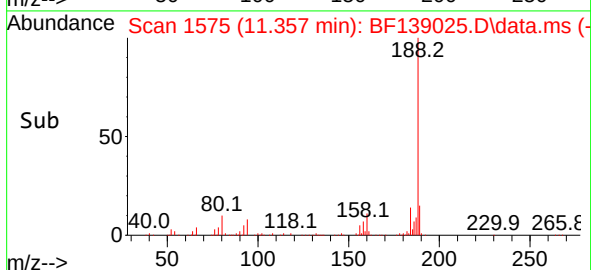
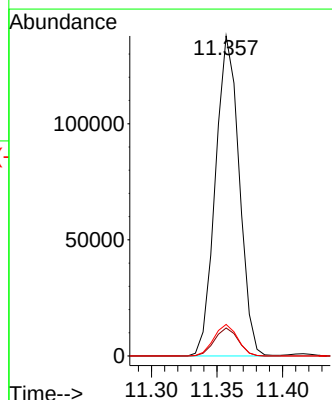
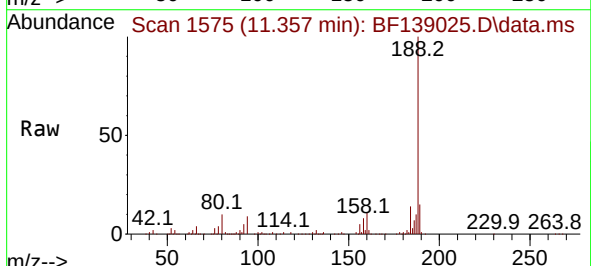
APPROVED

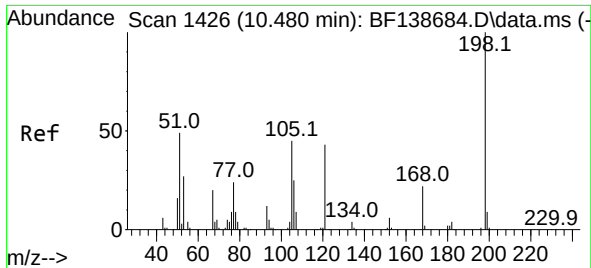
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:188 Resp: 173892
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.9 8.6 12.8





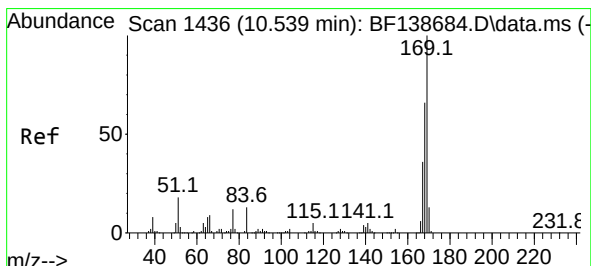
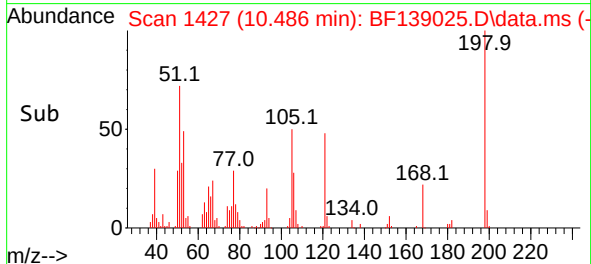
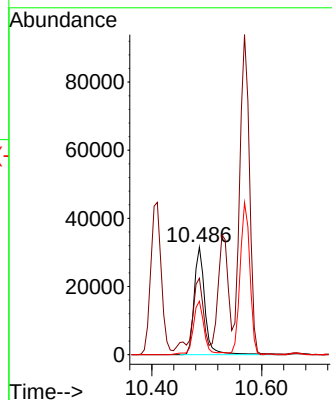
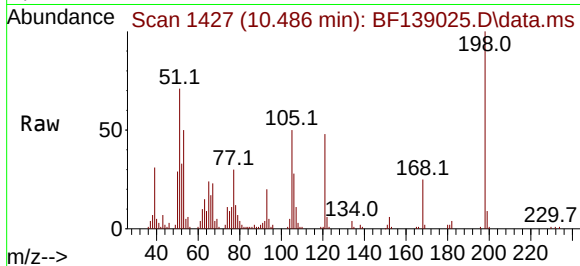
#65
4,6-Dinitro-2-methylphenol
Concen: 40.109 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 4255
Ion Ratio Lower Upper
198 100
51 71.0 39.9 79.9
105 49.6 26.1 66.1

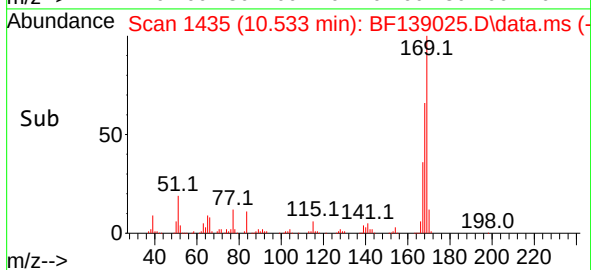
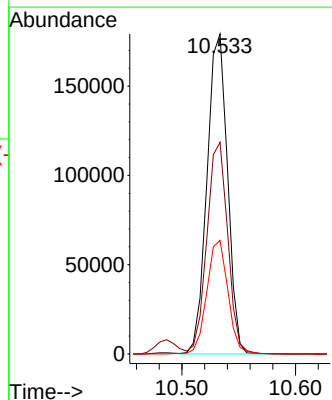
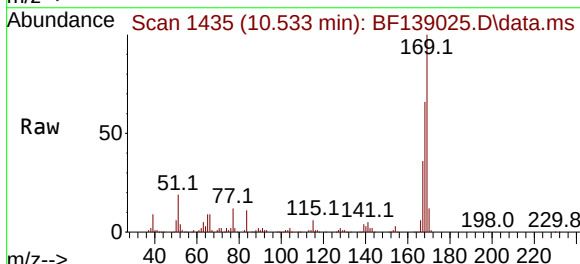
Manual Integrations
APPROVED

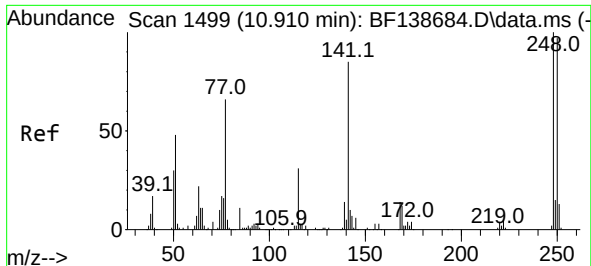
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#66
n-Nitrosodiphenylamine
Concen: 41.293 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

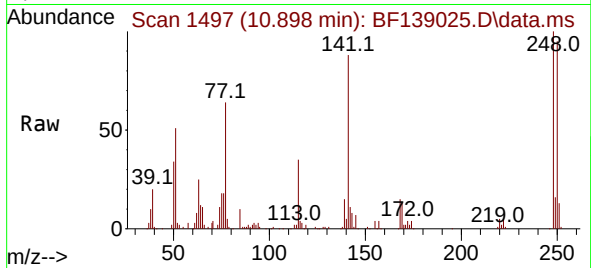
Tgt Ion:169 Resp: 224448
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 35.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

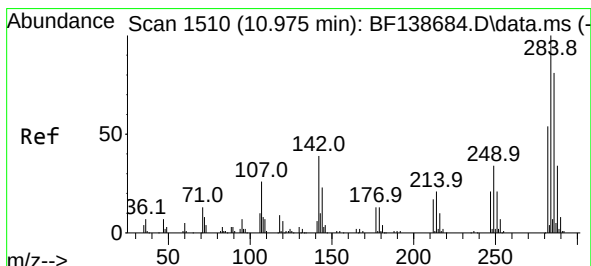
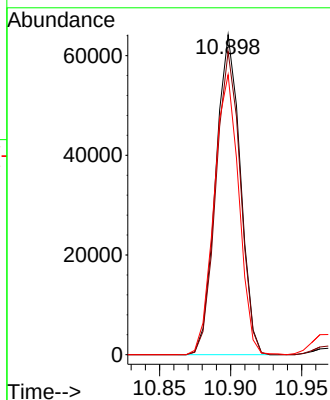
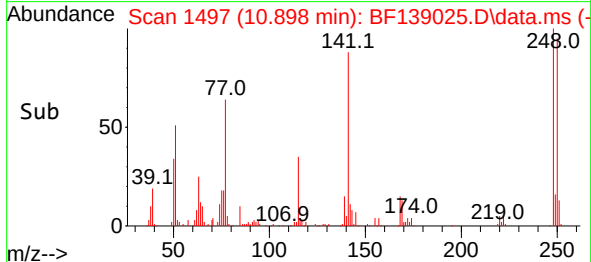
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



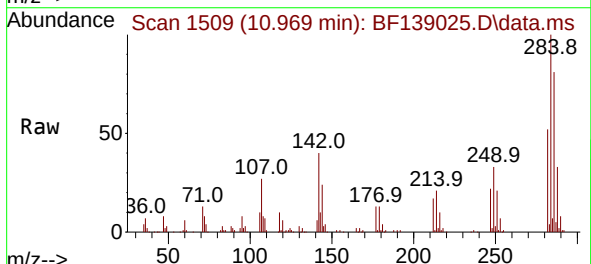
Tgt Ion:248 Resp: 77154
Ion Ratio Lower Upper
248 100
250 94.7 77.7 116.5
141 87.5 68.0 102.0

Manual Integrations
APPROVED

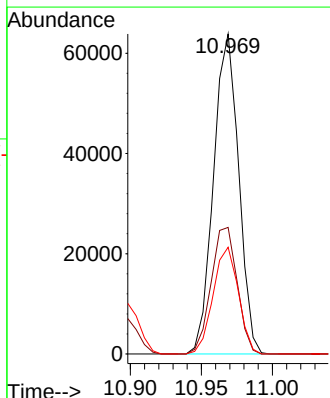
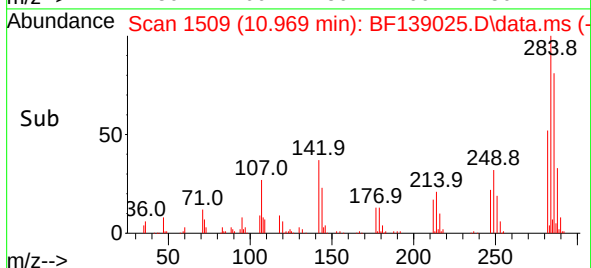
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

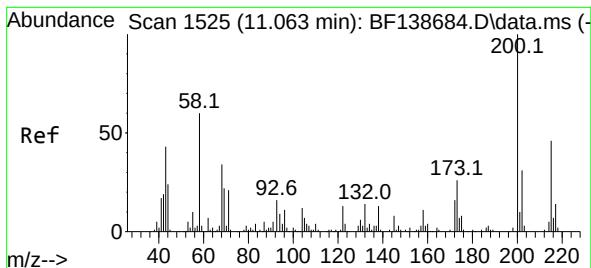


#68
Hexachlorobenzene
Concen: 40.368 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:284 Resp: 78472
Ion Ratio Lower Upper
284 100
142 39.5 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 37.965 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

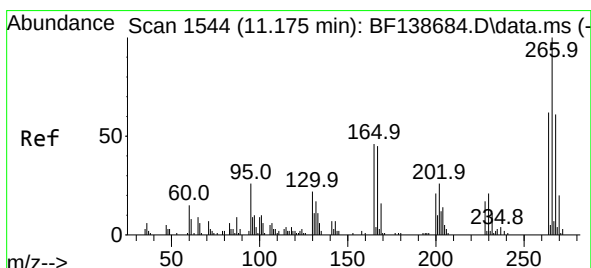
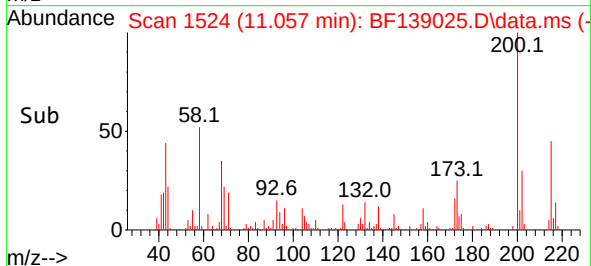
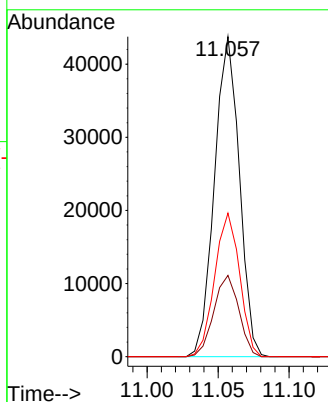
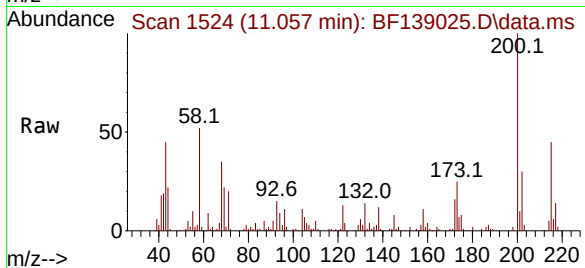
SSTDCCC040

Tgt Ion:200 Resp: 5324
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.0 46.0
 215 44.9 26.1 66.1

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 36.280 ng

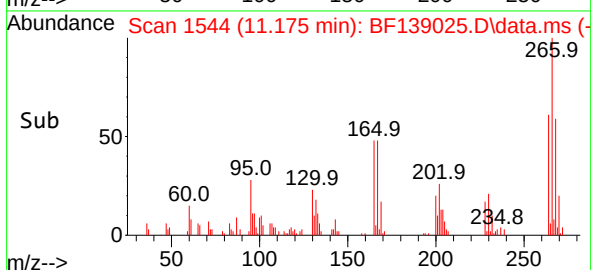
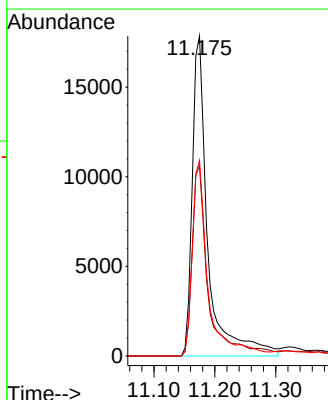
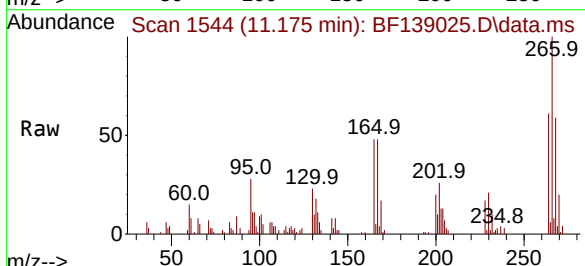
RT: 11.175 min Scan# 1544

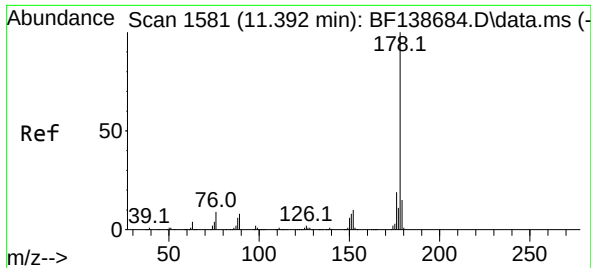
Delta R.T. -0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:266 Resp: 31789
 Ion Ratio Lower Upper
 266 100
 268 59.5 49.2 73.8
 264 61.1 49.8 74.6





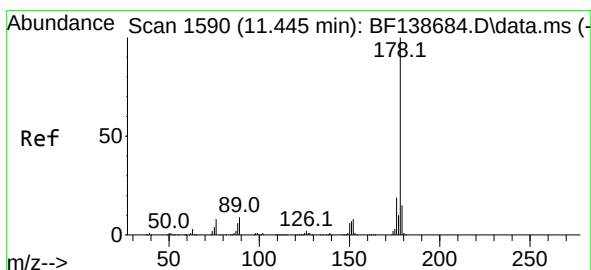
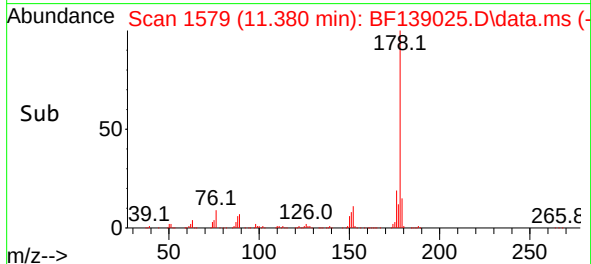
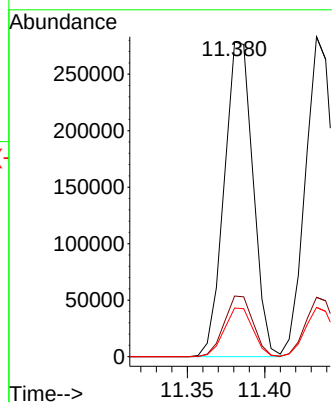
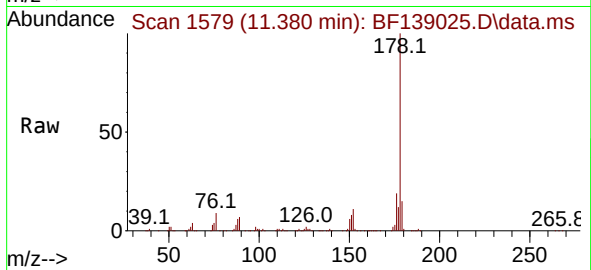
#71
Phenanthrene
Concen: 40.236 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 36027
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.2 18.2

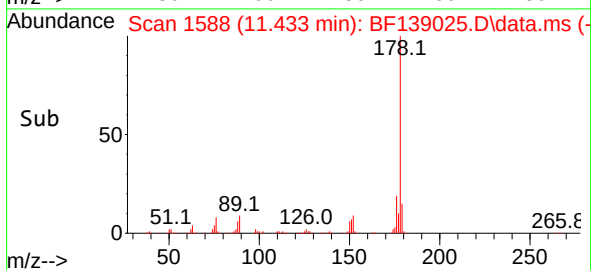
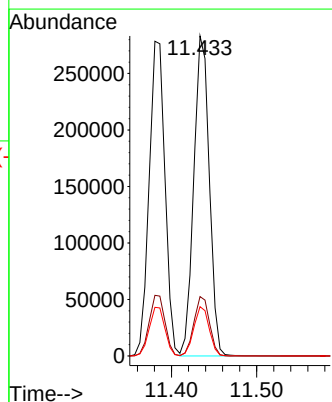
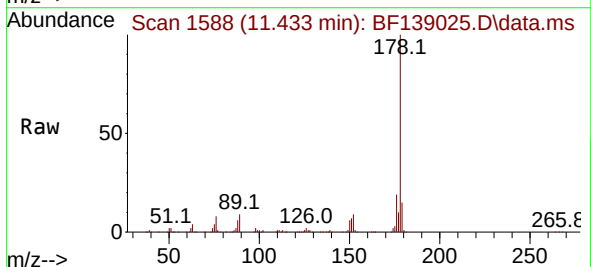
Manual Integrations
APPROVED

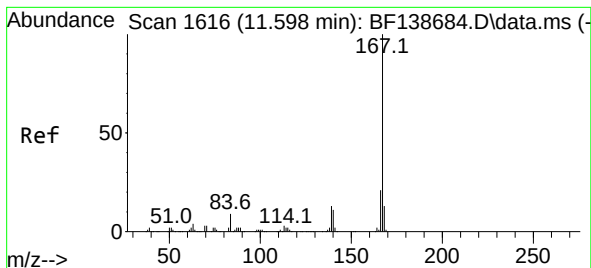
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#72
Anthracene
Concen: 40.615 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:178 Resp: 358261
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 39.675 ng

RT: 11.592 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

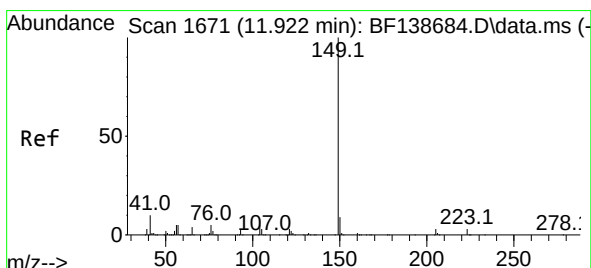
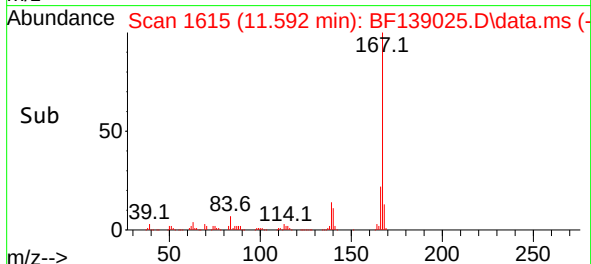
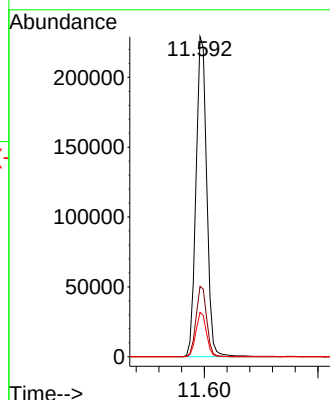
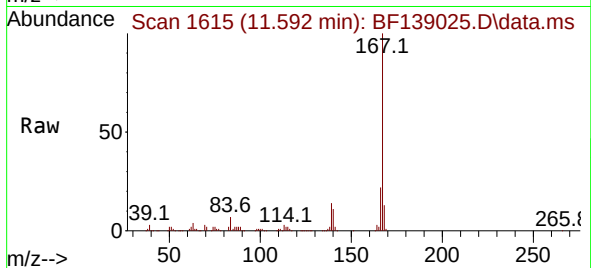
SSTDCCC040

Tgt Ion:	167	Resp:	30194
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.2	25.8
139	13.8	10.6	16.0

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 44.460 ng

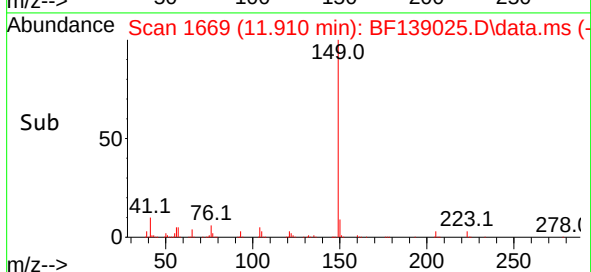
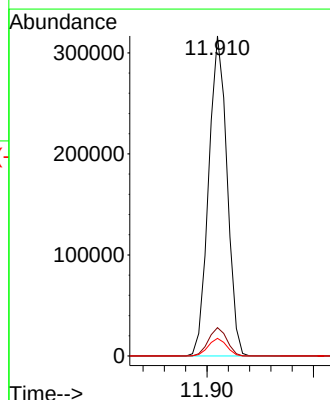
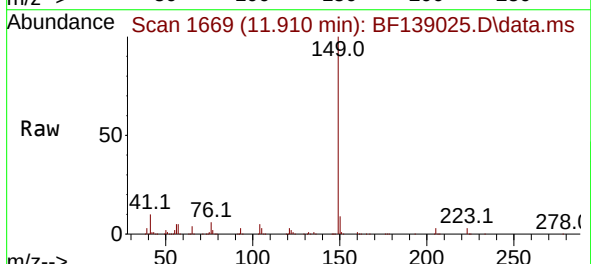
RT: 11.910 min Scan# 1669

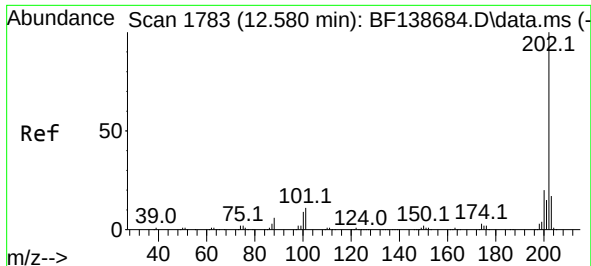
Delta R.T. -0.012 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:	149	Resp:	380361
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	5.5	4.1	6.1





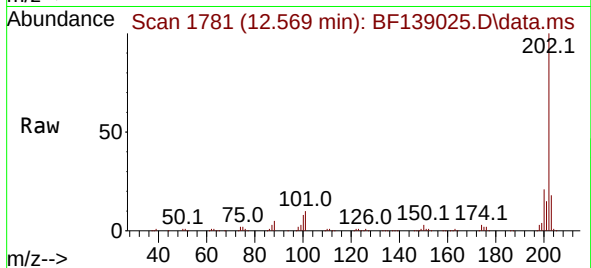
#75
Fluoranthene
Concen: 38.519 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

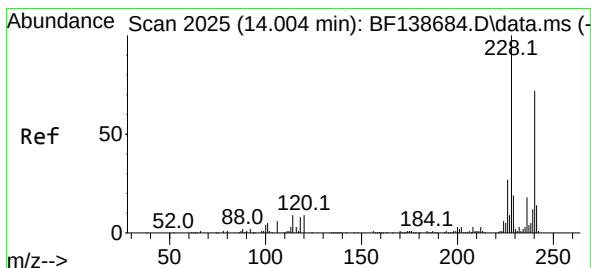
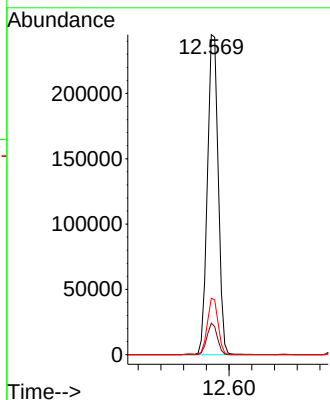
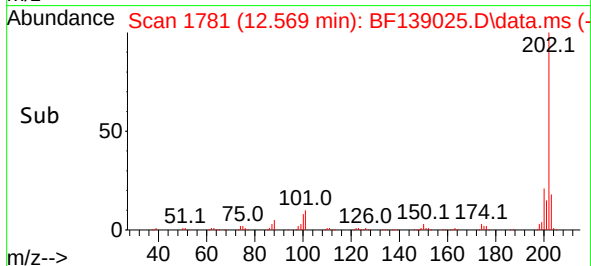


Tgt Ion:202 Resp: 321989
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.6 0.0 37.3

Manual Integrations

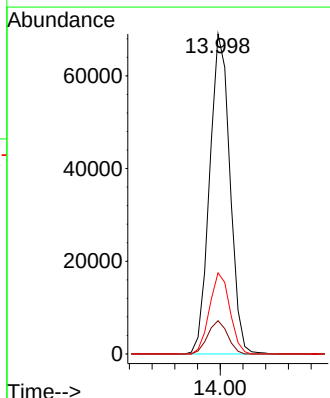
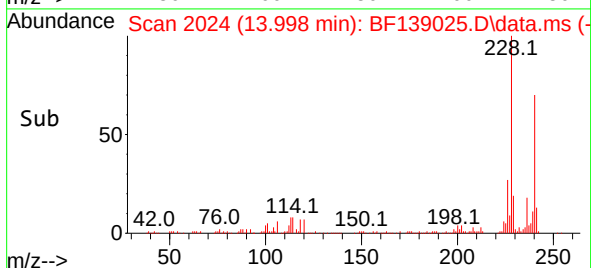
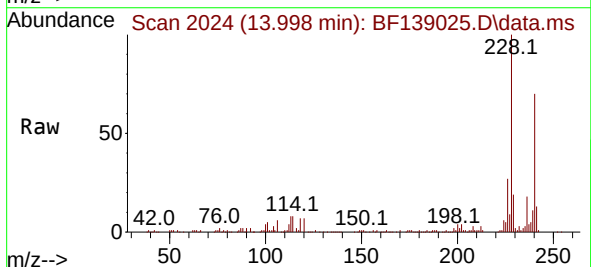
APPROVED

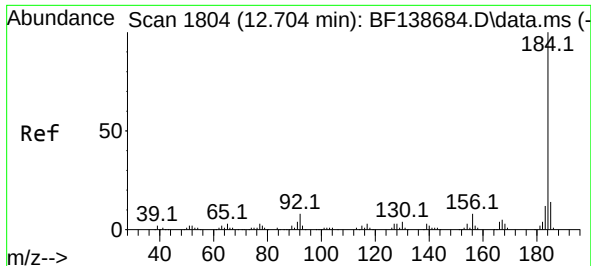
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

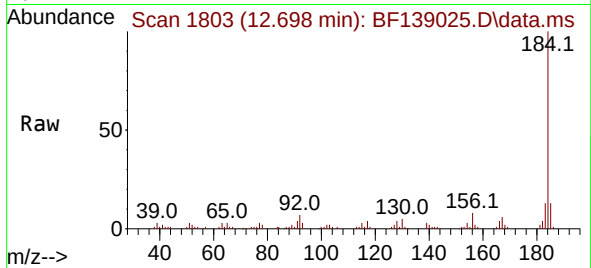
Tgt Ion:240 Resp: 85690
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.4 19.8 29.8





#77
Benzidine
Concen: 28.350 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

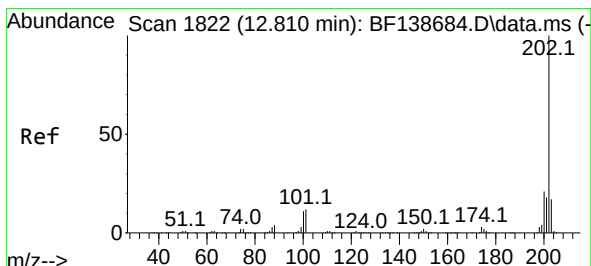
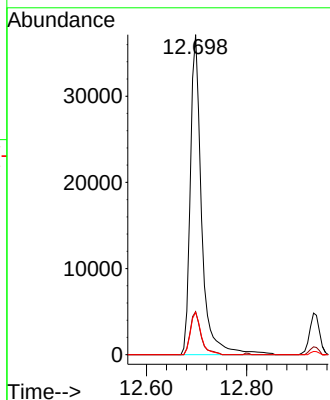
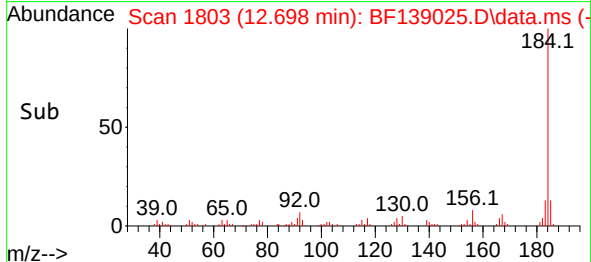
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



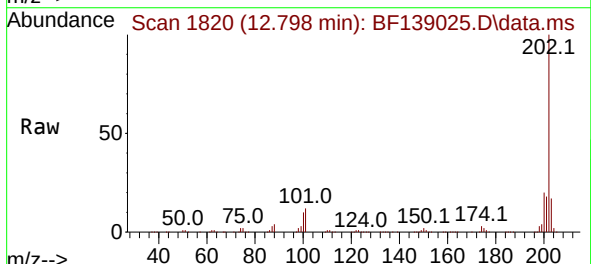
Tgt Ion:184 Resp: 58104
Ion Ratio Lower Upper
184 100
185 13.5 11.1 16.7
183 13.3 9.6 14.4

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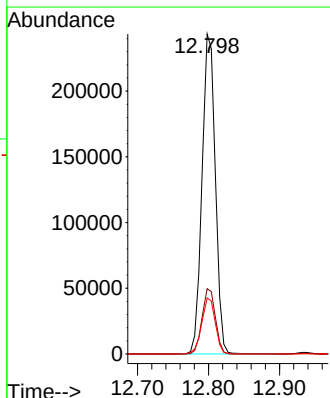
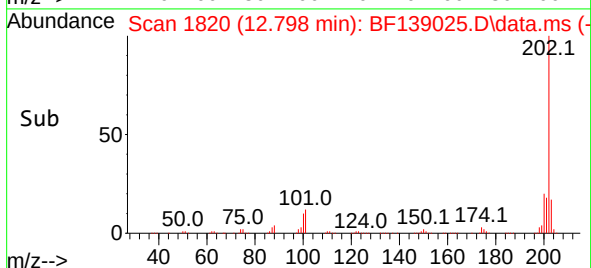
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

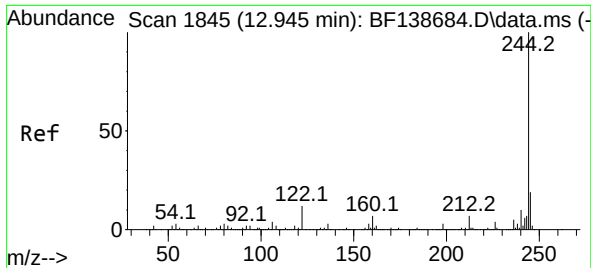


#78
Pyrene
Concen: 39.402 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:202 Resp: 317893
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 17.5 13.8 20.6





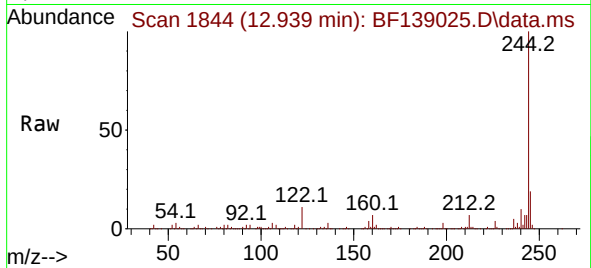
#79
Terphenyl-d14
Concen: 80.418 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

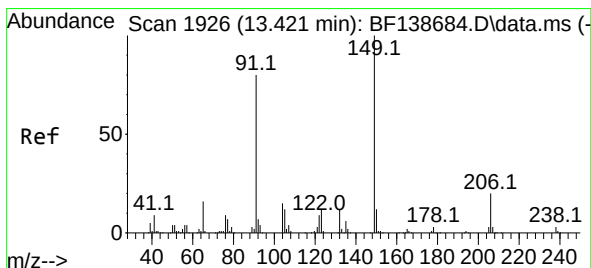
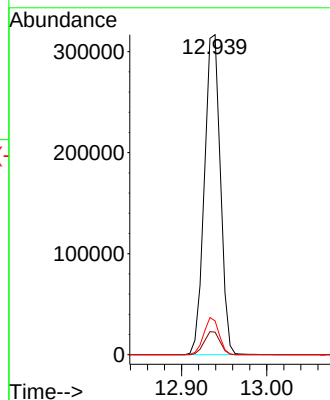
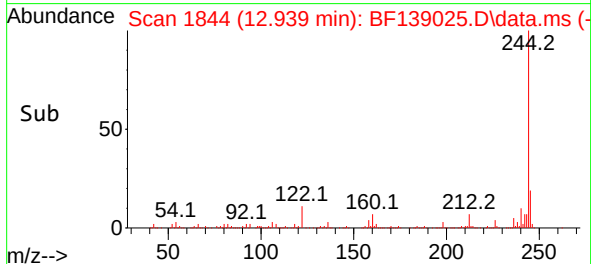


Tgt Ion:244 Resp: 411582
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.6 9.6 14.4

Manual Integrations

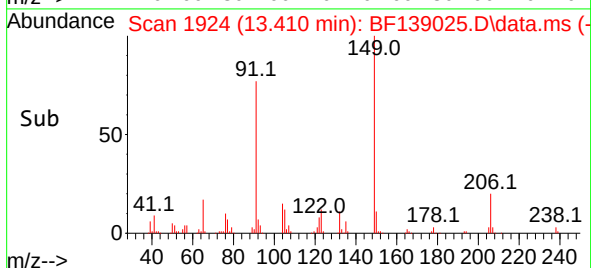
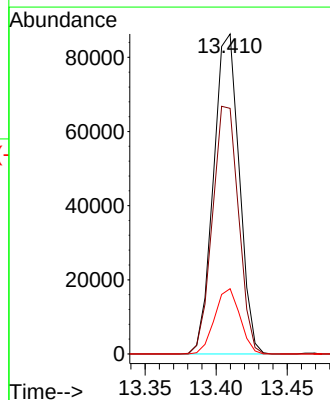
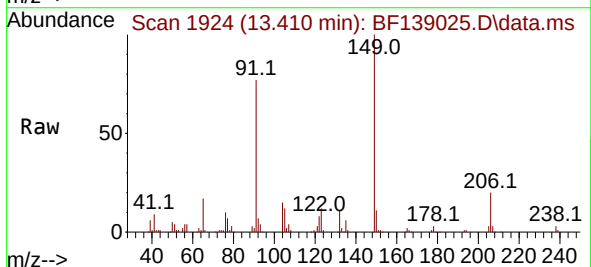
APPROVED

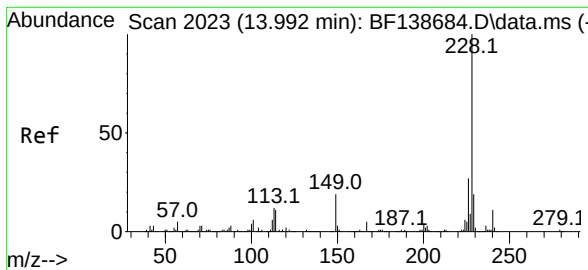
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#80
Butylbenzylphthalate
Concen: 42.091 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Tgt Ion:149 Resp: 108747
Ion Ratio Lower Upper
149 100
91 76.8 63.7 95.5
206 20.4 16.2 24.2





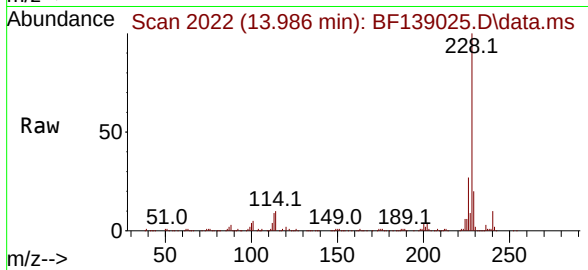
#81
Benzo(a)anthracene
Concen: 40.083 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

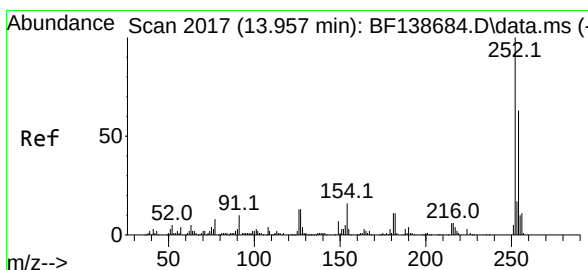
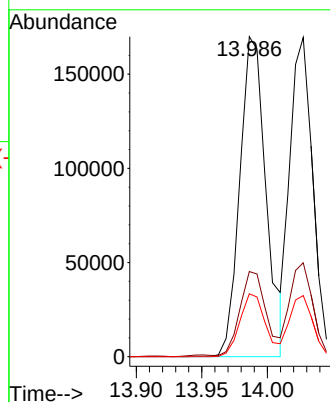
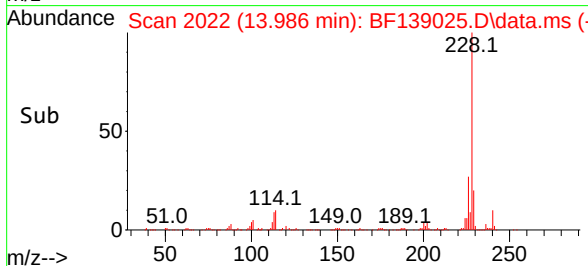


Tgt Ion:228 Resp: 236524
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.7 15.4 23.0

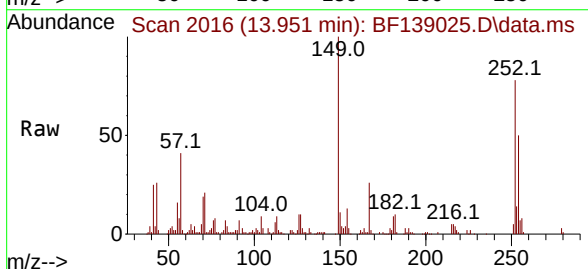
Manual Integrations

APPROVED

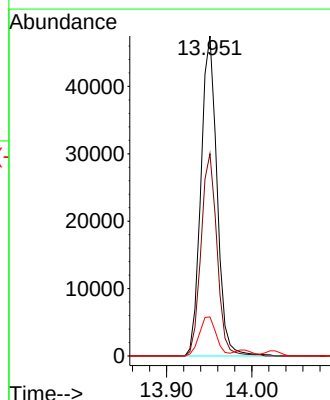
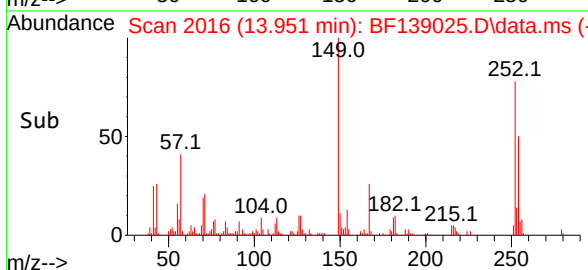
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

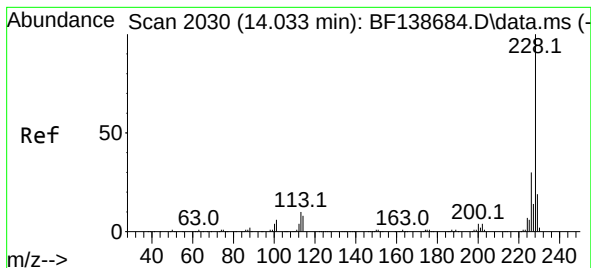


#82
3,3'-Dichlorobenzidine
Concen: 41.290 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:252 Resp: 62349
Ion Ratio Lower Upper
252 100
254 63.2 50.8 76.2
126 12.2 10.2 15.2





#83

Chrysene

Concen: 38.538 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

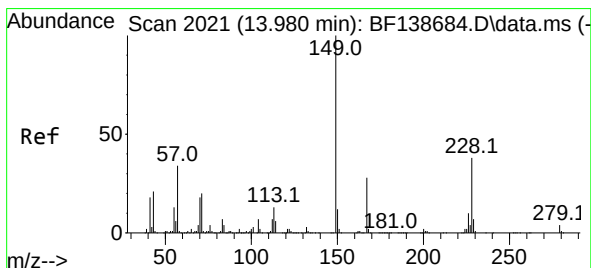
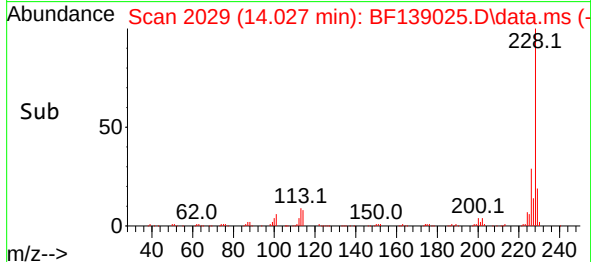
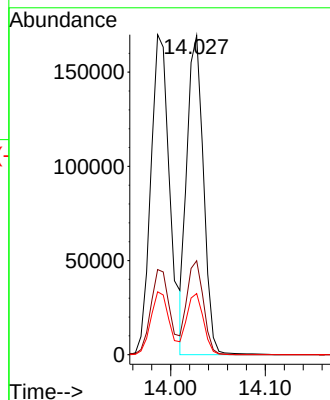
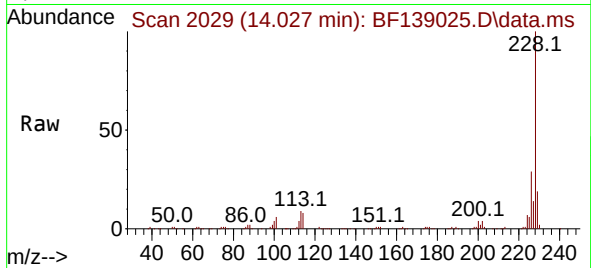
SSTDCCC040

Tgt Ion:228 Resp: 205164
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.7 35.5
 229 19.2 15.0 22.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.771 ng

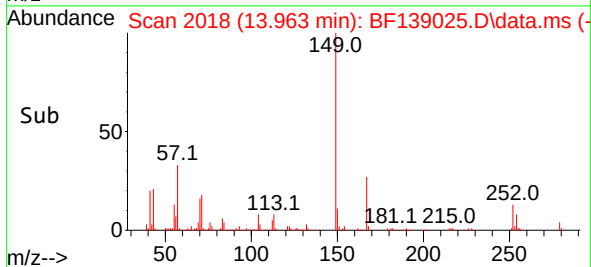
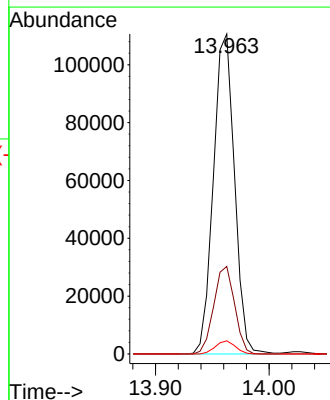
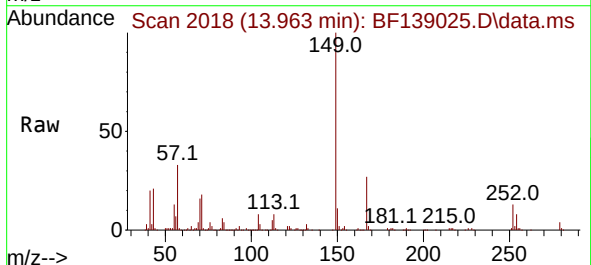
RT: 13.963 min Scan# 2018

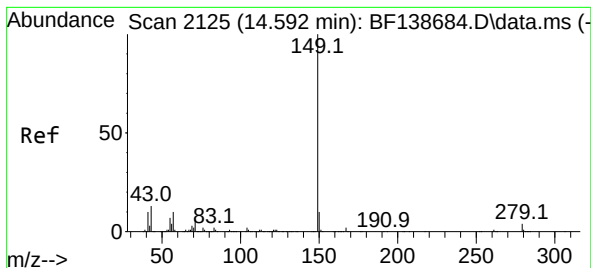
Delta R.T. -0.018 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Tgt Ion:149 Resp: 142898
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 4.1 3.4 5.0





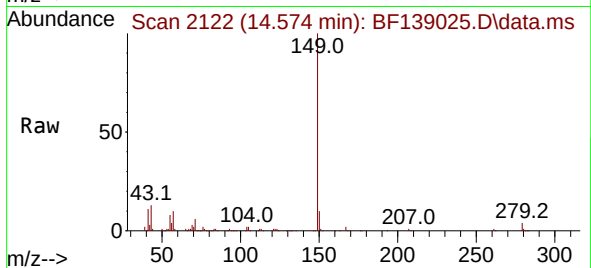
#85
Di-n-octyl phthalate
Concen: 35.673 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

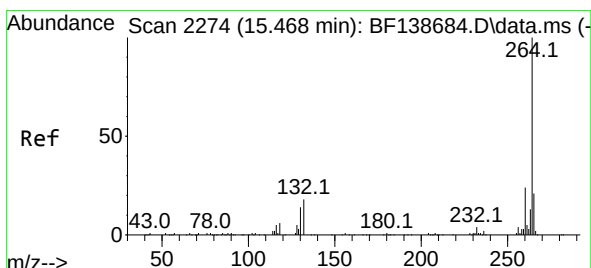
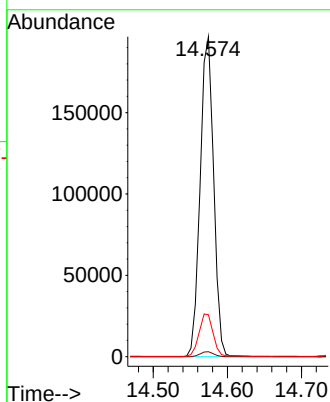
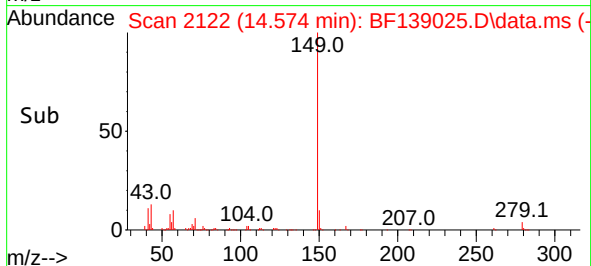


Tgt Ion:149 Resp: 24969
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.9 10.4 15.6

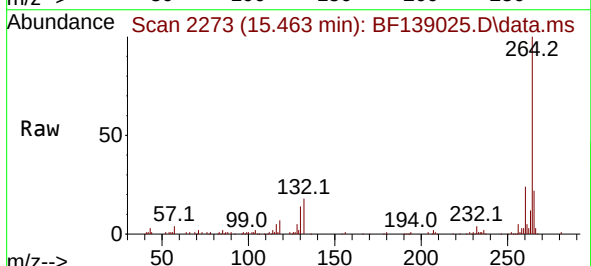
Manual Integrations

APPROVED

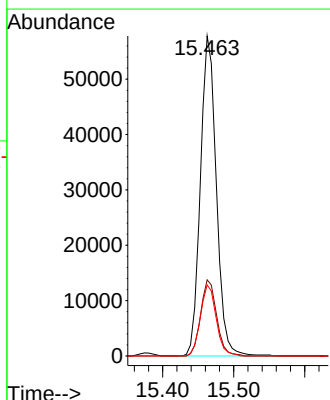
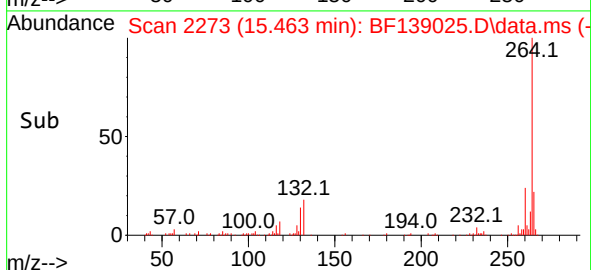
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

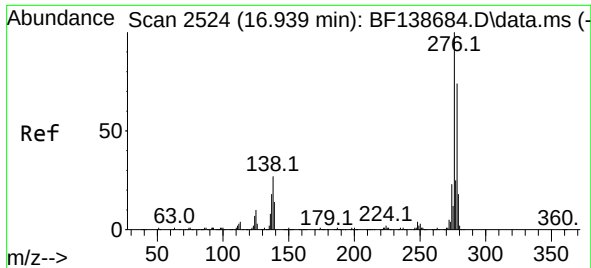


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF139025.D
Acq: 15 Aug 2024 16:31



Tgt Ion:264 Resp: 90423
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.2 17.0 25.6





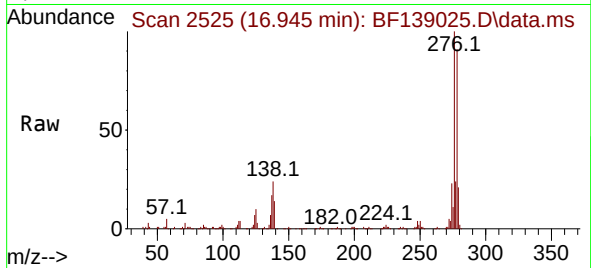
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.370 ng
 RT: 16.945 min Scan# 2524
 Delta R.T. 0.006 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

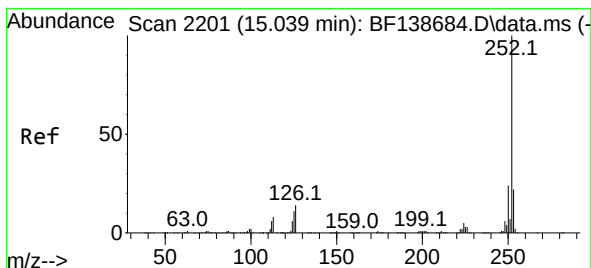
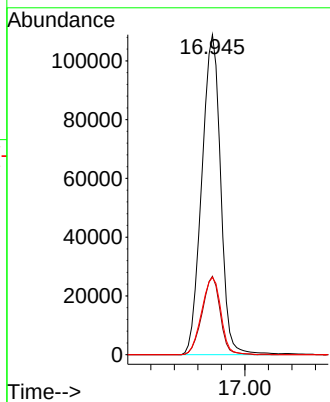
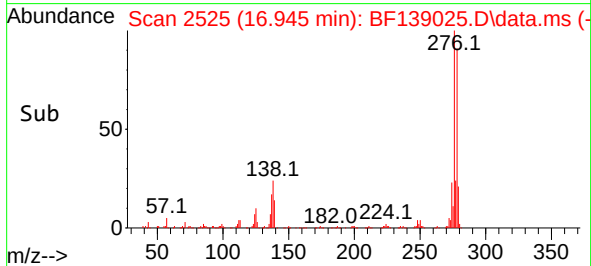


Tgt Ion: 276 Resp: 242158
 Ion Ratio Lower Upper
 276 100
 138 23.3 21.8 32.8
 277 24.7 20.6 30.8

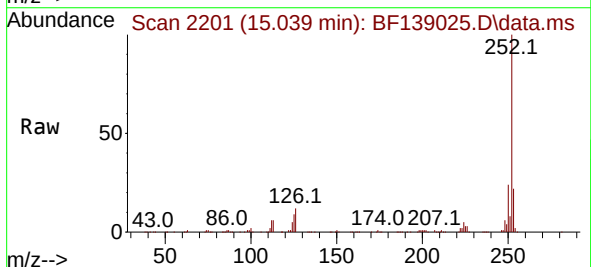
Manual Integrations

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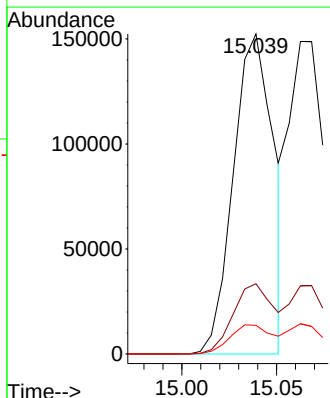
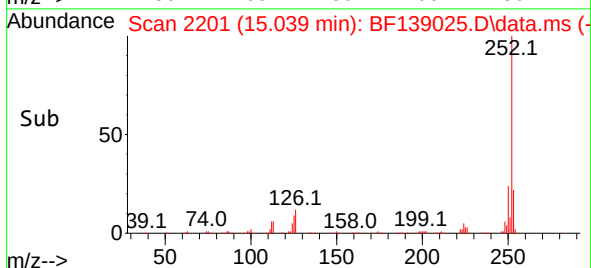
Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

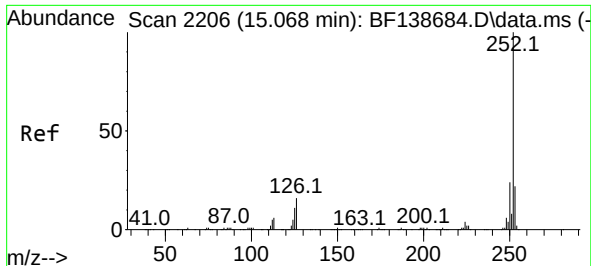


#88
 Benzo(b)fluoranthene
 Concen: 40.015 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31



Tgt Ion: 252 Resp: 224297
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 8.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.081 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 204228

Ion Ratio Lower Upper

252 100

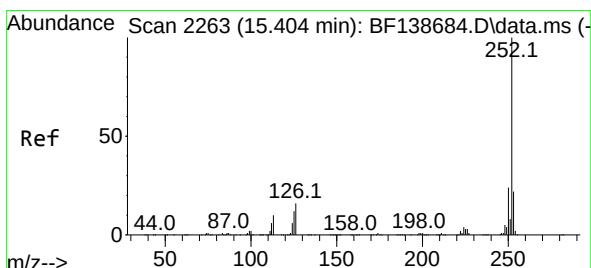
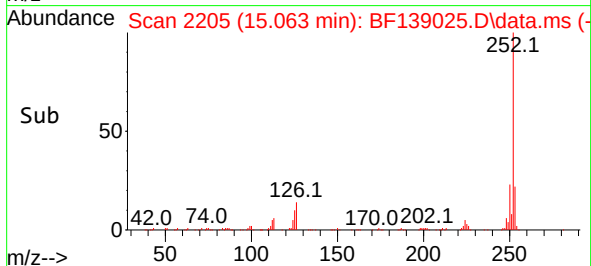
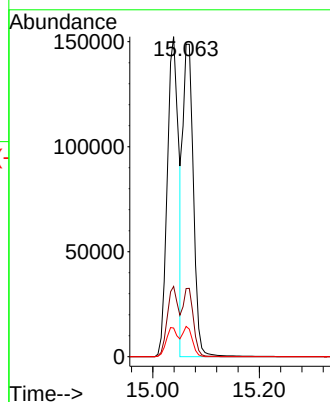
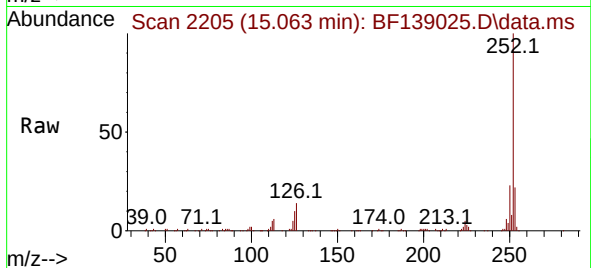
253 21.8 17.4 26.0

125 9.7 8.6 13.0

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 41.192 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139025.D

Acq: 15 Aug 2024 16:31

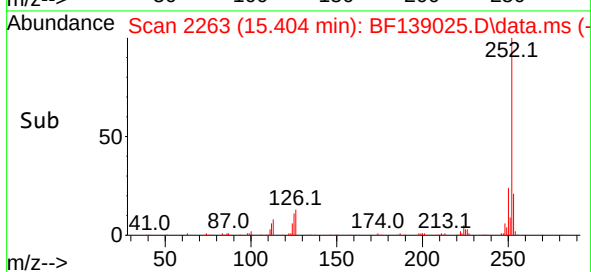
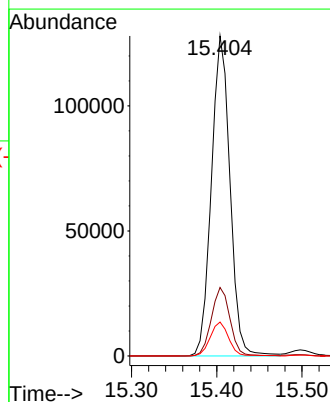
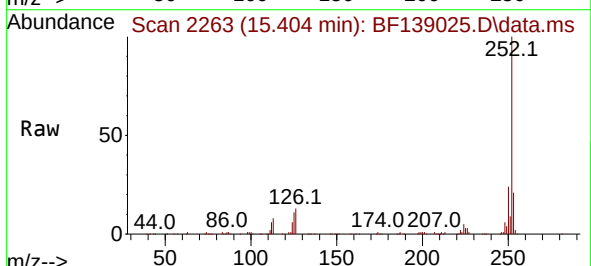
Tgt Ion:252 Resp: 194217

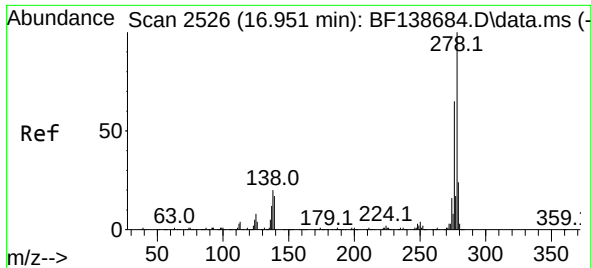
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.6 9.5 14.3





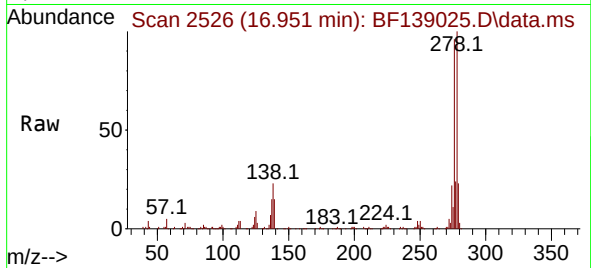
#91
 Dibenzo(a,h)anthracene
 Concen: 37.290 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

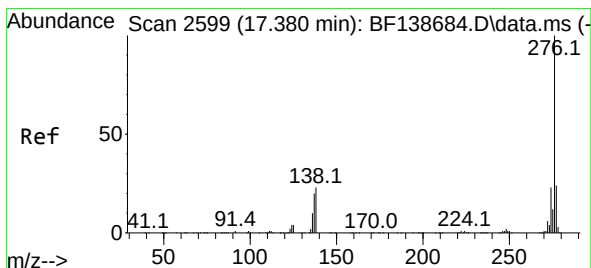
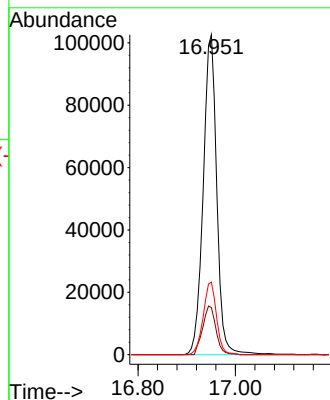
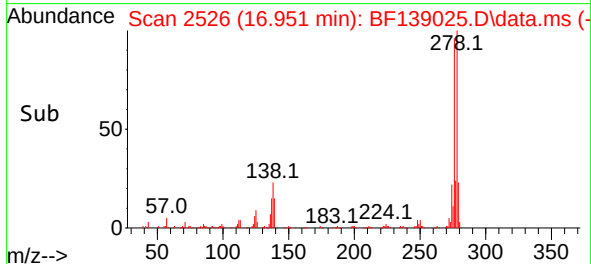


Tgt Ion:278 Resp: 19835
 Ion Ratio Lower Upper
 278 100
 139 14.7 14.0 21.0
 279 22.7 19.0 28.4

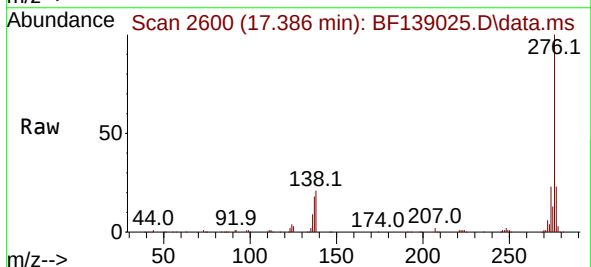
Manual Integrations

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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: 35.585 ng
 RT: 17.386 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BF139025.D
 Acq: 15 Aug 2024 16:31



Tgt Ion:276 Resp: 196424
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.4
 138 21.1 18.5 27.7

