

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139352.D
 Acq On : 13 Sep 2024 19:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:45:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66119	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	232989	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126997	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	229453	20.000	ng	0.00
76) Chrysene-d12	14.039	240	124546	20.000	ng	0.00
86) Perylene-d12	15.504	264	139312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	633503	156.303	ng	0.00
7) Phenol-d6	6.522	99	822389	154.588	ng	0.02
23) Nitrobenzene-d5	7.457	82	798383	161.094	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	213033	157.565	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	1406634	155.345	ng	0.00
79) Terphenyl-d14	12.986	244	1145648	150.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	121659	74.817	ng	98
3) Pyridine	3.416	79	267063	74.491	ng	100
4) n-Nitrosodimethylamine	3.404	42	243418	78.334	ng	98
8) 2-Chlorophenol	6.675	128	325178	77.941	ng	99
10) Phenol	6.539	94	411917	76.024	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	451406m	109.614	ng	
12) 1,3-Dichlorobenzene	6.822	146	362380	76.374	ng	99
13) 1,4-Dichlorobenzene	6.898	146	370525	77.276	ng	99
14) 1,2-Dichlorobenzene	7.057	146	348175	76.848	ng	100
15) Benzyl Alcohol	7.028	79	326000	76.809	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	474109	74.703	ng	90
17) 2-Methylphenol	7.139	107	259635	78.327	ng	98
18) Hexachloroethane	7.392	117	141097	77.259	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	248365	78.784	ng	99
20) 3+4-Methylphenols	7.298	107	351953	77.825	ng	93
22) Acetophenone	7.298	105	479979	78.801	ng	# 98
24) Nitrobenzene	7.475	77	401035	78.622	ng	99
25) Isophorone	7.710	82	617892	78.833	ng	100
26) 2-Nitrophenol	7.781	139	168044	84.561	ng	100
27) 2,4-Dimethylphenol	7.822	122	206020	78.593	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	355128	79.499	ng	98
29) 2,4-Dichlorophenol	8.028	162	264087	79.303	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	303204	78.143	ng	99
31) Naphthalene	8.186	128	963320	79.198	ng	99
32) Benzoic acid	7.981	122	215219m	87.390	ng	
33) 4-Chloroaniline	8.257	127	272843	73.324	ng	100
34) Hexachlorobutadiene	8.298	225	202793	76.928	ng	100
35) Caprolactam	8.639	113	81832	79.884	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	305192	80.190	ng	99
37) 2-Methylnaphthalene	8.880	142	606883	78.607	ng	100
38) 1-Methylnaphthalene	8.975	142	599493	79.092	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	298724	79.368	ng	99
41) Hexachlorocyclopentadiene	9.027	237	95184	72.430	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	195054	79.656	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	208100	80.566	ng	98
46) 1,1'-Biphenyl	9.345	154	766437	78.446	ng	99

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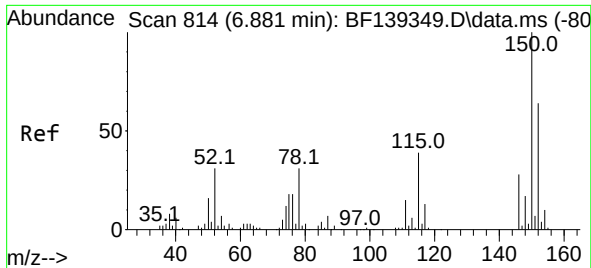
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.369	162	582318	79.713	ng	99
48) 2-Nitroaniline	9.463	65	223259	82.167	ng	97
49) Acenaphthylene	9.780	152	868138	78.947	ng	100
50) Dimethylphthalate	9.651	163	652879	78.326	ng	100
51) 2,6-Dinitrotoluene	9.710	165	150724	81.625	ng	99
52) Acenaphthene	9.957	154	617018	80.396	ng	100
53) 3-Nitroaniline	9.880	138	135147	73.235	ng	95
54) 2,4-Dinitrophenol	9.980	184	92861	95.931	ng	94
55) Dibenzofuran	10.127	168	830718	77.658	ng	98
56) 4-Nitrophenol	10.033	139	120683	79.034	ng	92
57) 2,4-Dinitrotoluene	10.110	165	202984	81.422	ng	94
58) Fluorene	10.469	166	683097	78.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	167088	78.199	ng	99
60) Diethylphthalate	10.345	149	676646	78.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	337209	79.499	ng	98
62) 4-Nitroaniline	10.498	138	146728	72.852	ng	99
63) Azobenzene	10.622	77	664983	78.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	109579	90.485	ng	96
66) n-Nitrosodiphenylamine	10.580	169	551600	82.225	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	189144	83.184	ng	99
68) Hexachlorobenzene	11.010	284	217457	81.487	ng	98
69) Atrazine	11.104	200	105161	65.847	ng	97
70) Pentachlorophenol	11.204	266	132585	82.799	ng	99
71) Phenanthrene	11.427	178	865088	78.146	ng	99
72) Anthracene	11.480	178	846379	78.198	ng	100
73) Carbazole	11.633	167	762939	73.649	ng	99
74) Di-n-butylphthalate	11.963	149	890092	77.132	ng	100
75) Fluoranthene	12.610	202	809435	68.469	ng	98
77) Benzidine	12.733	184	166381	93.243	ng	99
78) Pyrene	12.839	202	820624	76.737	ng	99
80) Butylbenzylphthalate	13.457	149	287851	79.080	ng	98
81) Benzo(a)anthracene	14.027	228	656134	79.532	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197966	81.940	ng	99
83) Chrysene	14.062	228	600714	79.146	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	367918	79.454	ng	100
85) Di-n-octyl phthalate	14.627	149	612797	89.860	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	691200	83.439	ng	99
88) Benzo(b)fluoranthene	15.080	252	670084	77.990	ng	100
89) Benzo(k)fluoranthene	15.109	252	601230	75.894	ng	99
90) Benzo(a)pyrene	15.445	252	567157	79.594	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	578214	84.470	ng	100
92) Benzo(g,h,i)perylene	17.439	276	547299	80.751	ng	99

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



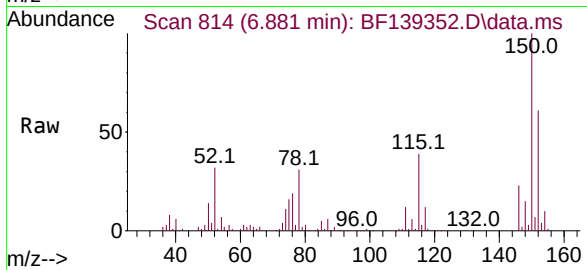
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

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SSTDICC080

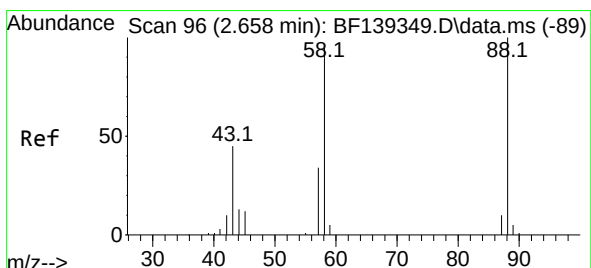
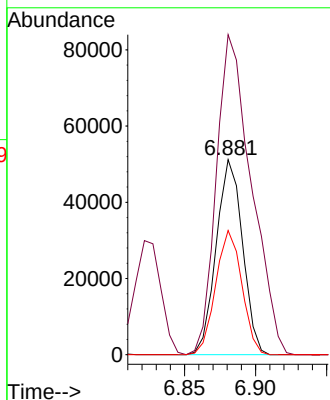
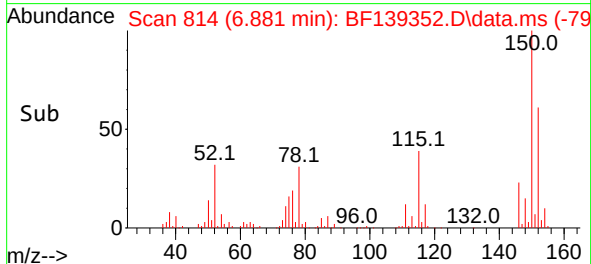


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Ion Ratio Lower Upper
152 100
150 164.1 124.1 186.1
115 63.7 48.1 72.1

Manual Integrations

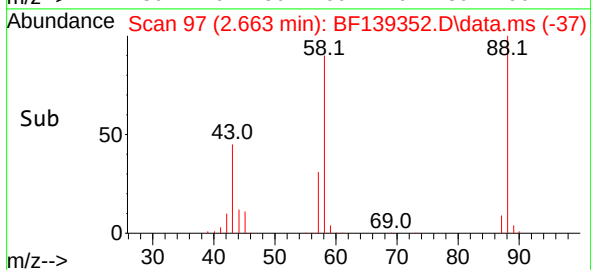
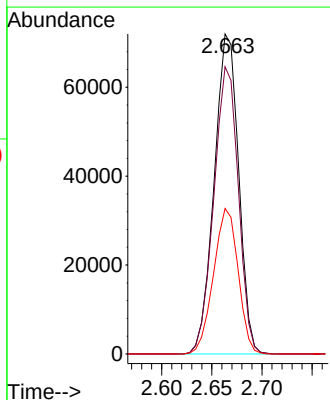
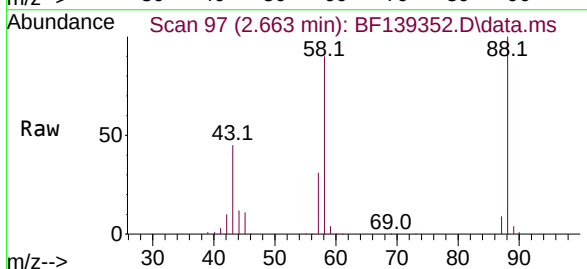
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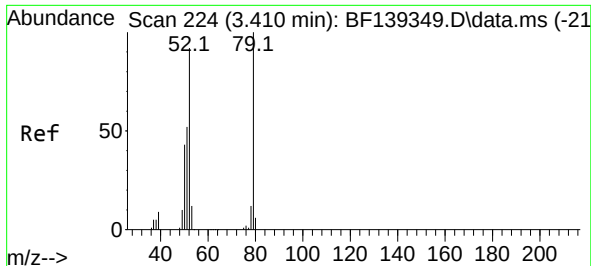
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 74.817 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 88 Resp: 121659
Ion Ratio Lower Upper
88 100
58 90.2 74.8 112.2
43 45.8 36.4 54.6





#3

Pyridine

Concen: 74.491 ng

RT: 3.416 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 26706

Ion Ratio Lower Upper

79 100

52 92.2 73.8 110.8

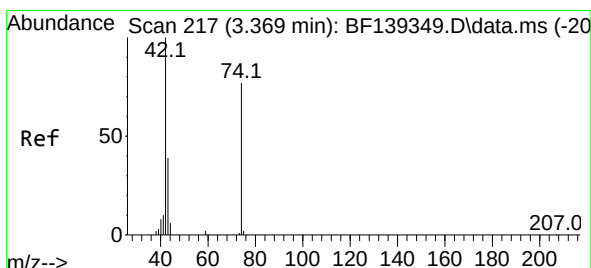
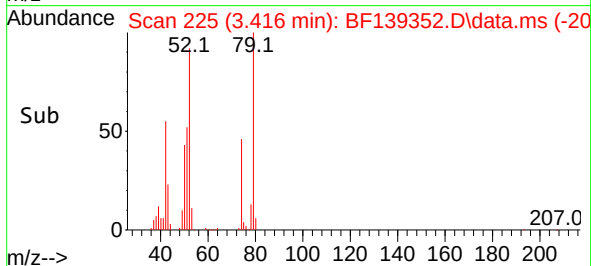
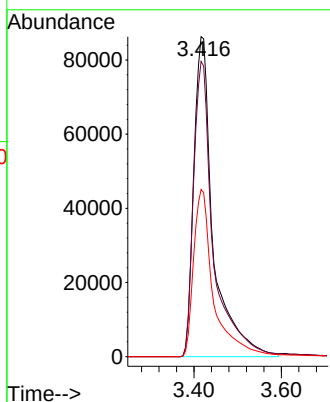
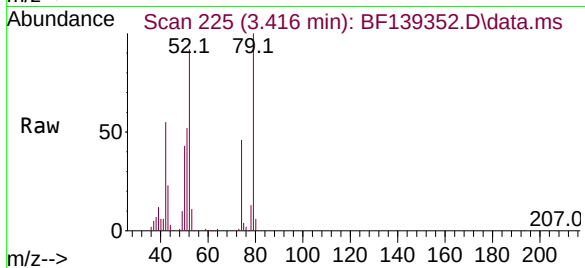
51 52.3 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 78.334 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.035 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

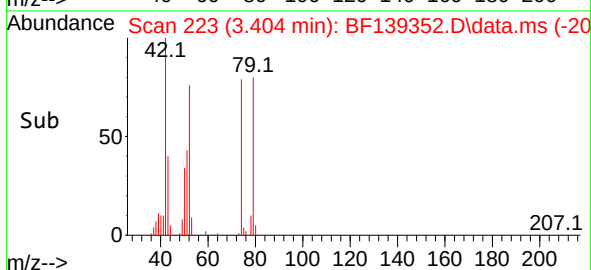
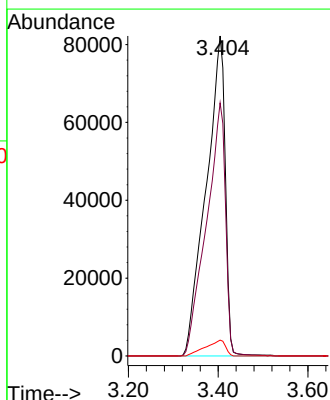
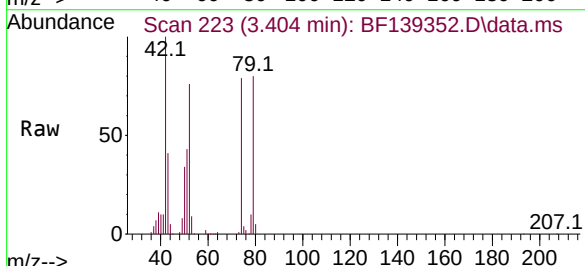
Tgt Ion: 42 Resp: 243418

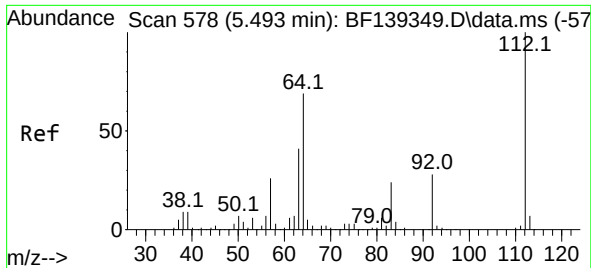
Ion Ratio Lower Upper

42 100

74 79.1 61.8 92.8

44 5.0 4.8 7.2





#5
2-Fluorophenol
Concen: 156.303 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

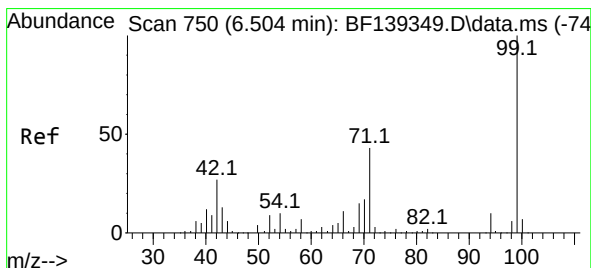
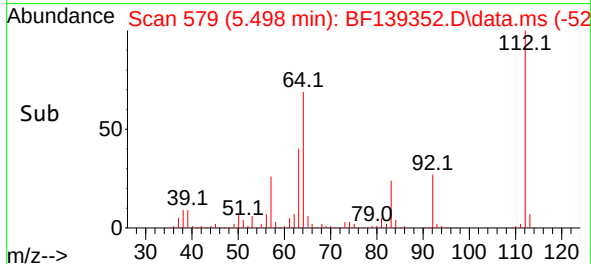
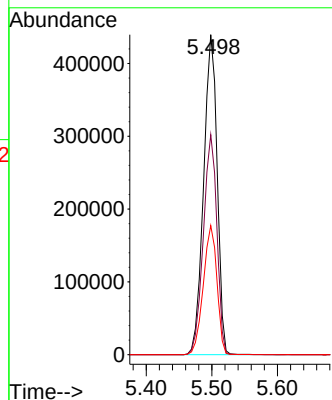
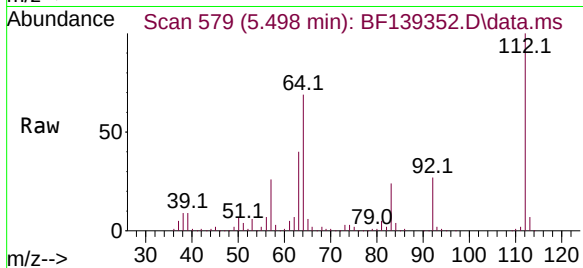
SSTDICC080

Tgt Ion:112 Resp: 63350
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 40.4 33.0 49.4

Manual Integrations

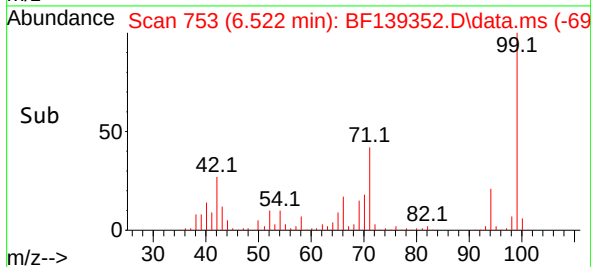
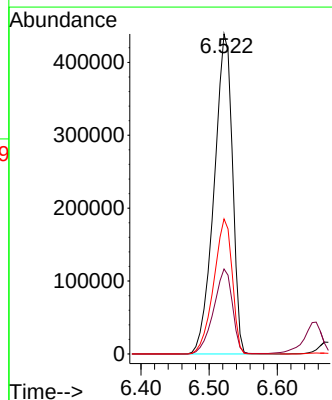
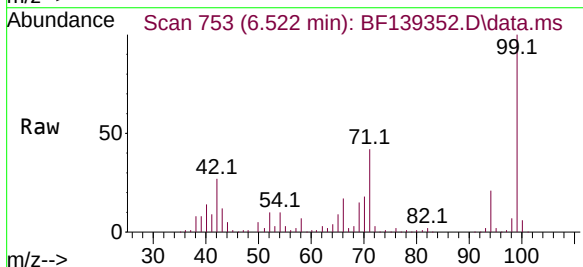
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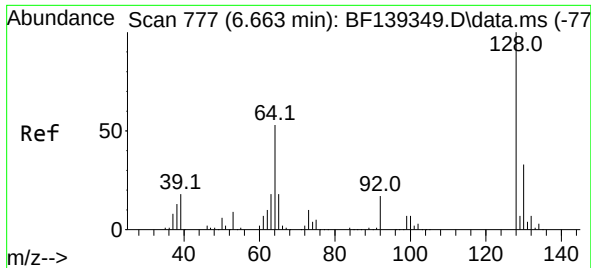
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#7
Phenol-d6
Concen: 154.588 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 99 Resp: 822389
Ion Ratio Lower Upper
99 100
42 26.6 21.9 32.9
71 42.2 34.6 52.0





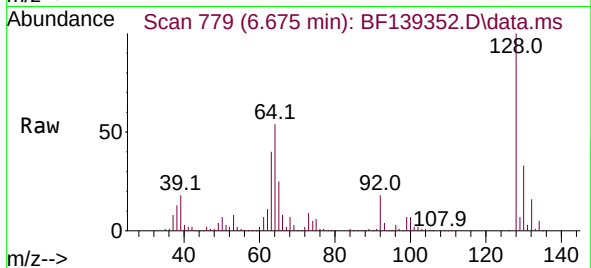
#8
2-Chlorophenol
Concen: 77.941 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

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SSTDICC080



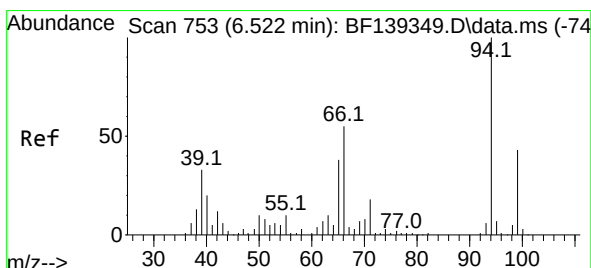
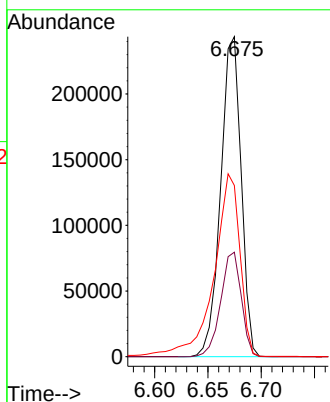
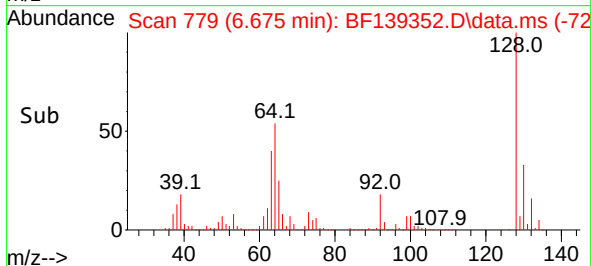
Tgt Ion:128 Resp: 325178
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.5 35.1 75.1

Manual Integrations

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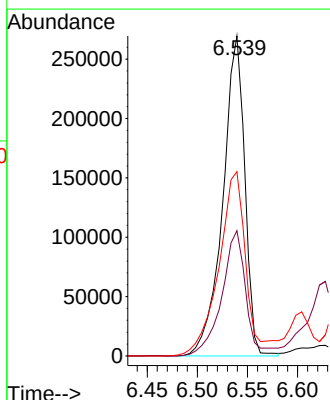
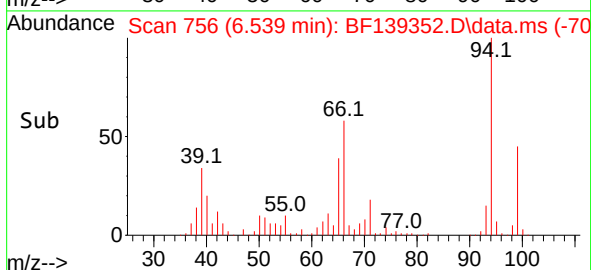
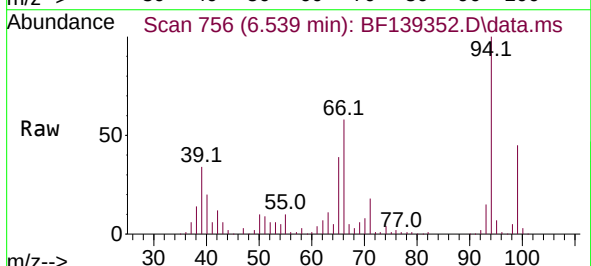
Reviewed By :Yogesh Patel 09/16/2024

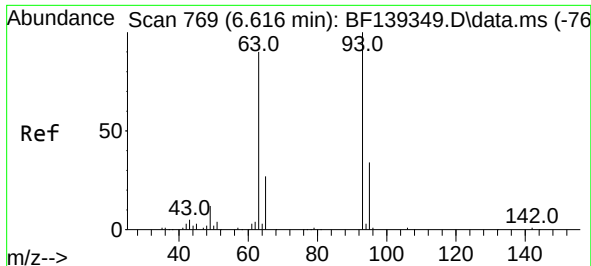
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 76.024 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 94 Resp: 411917
Ion Ratio Lower Upper
94 100
65 39.1 17.6 57.6
66 57.6 35.2 75.2





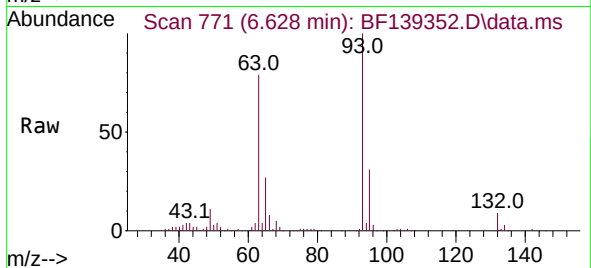
#11
bis(2-Chloroethyl)ether
Concen: 109.614 ng m
RT: 6.628 min Scan# 771
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

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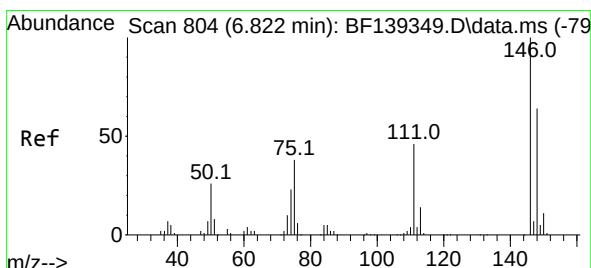
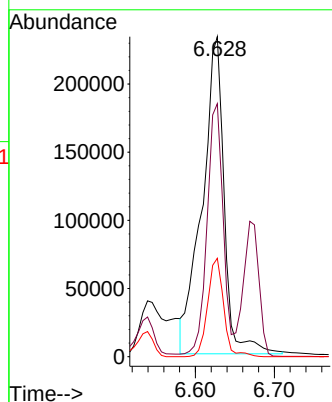
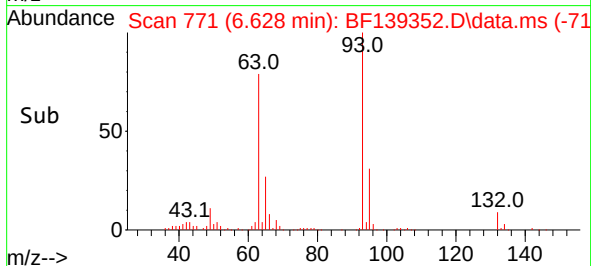


Tgt Ion: 93 Resp: 451400
Ion Ratio Lower Upper
93 100
63 79.1 65.3 105.3
95 30.8 12.4 52.4

Manual Integrations

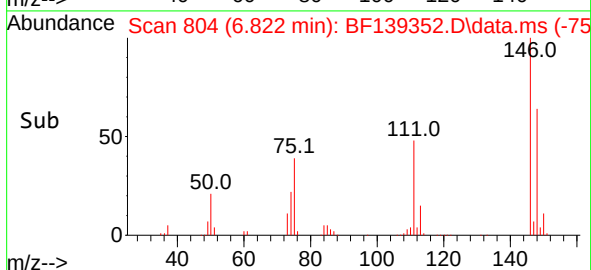
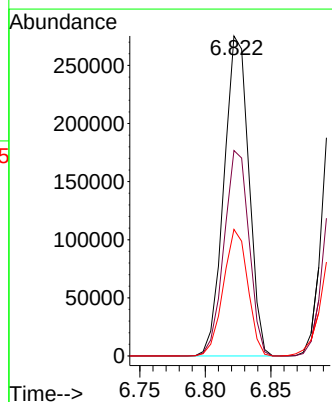
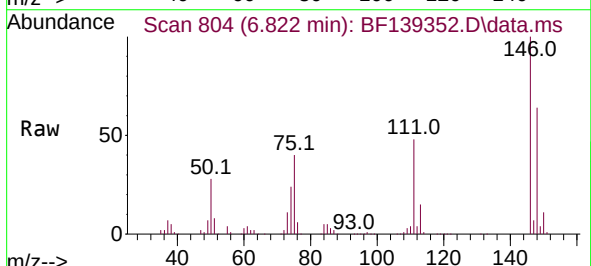
APPROVED

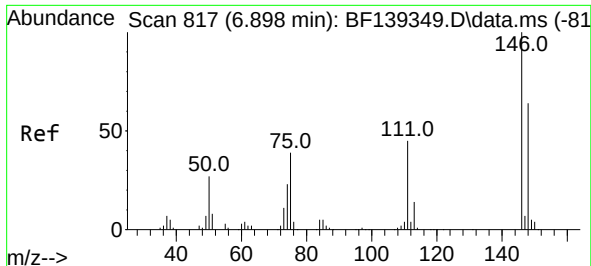
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 76.374 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:146 Resp: 362380
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 39.6 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 77.276 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

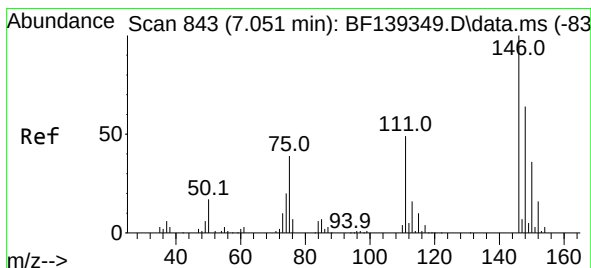
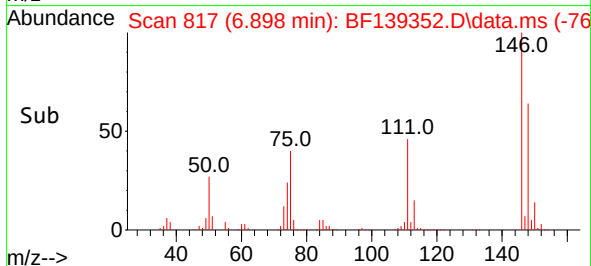
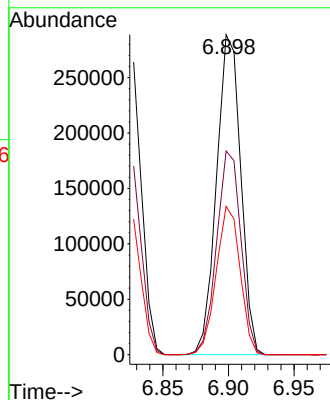
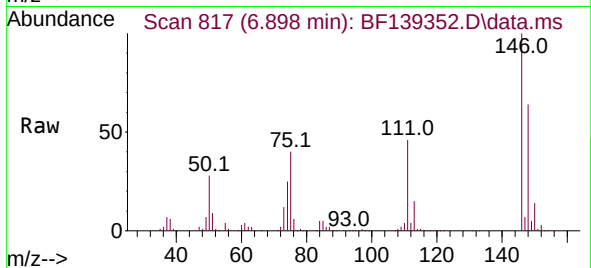
SSTDICC080

Tgt Ion:146 Resp: 37052
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 46.4 36.3 54.5

Manual Integrations

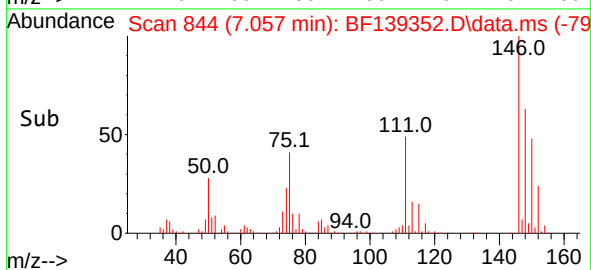
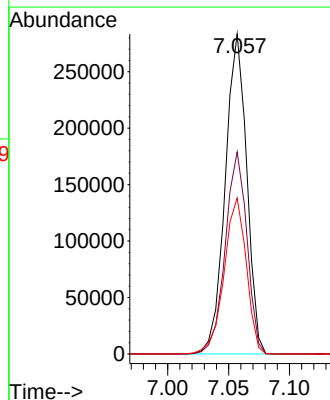
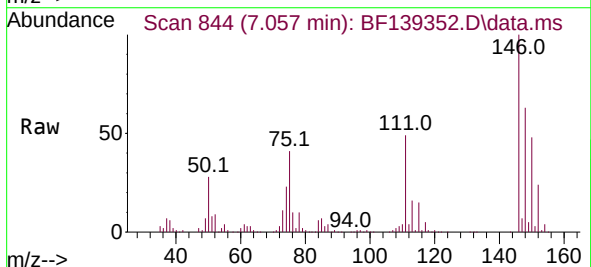
APPROVED

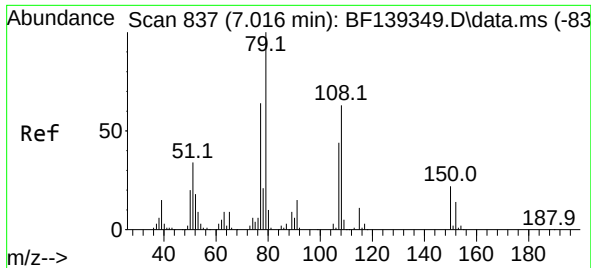
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#14
1,2-Dichlorobenzene
Concen: 76.848 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

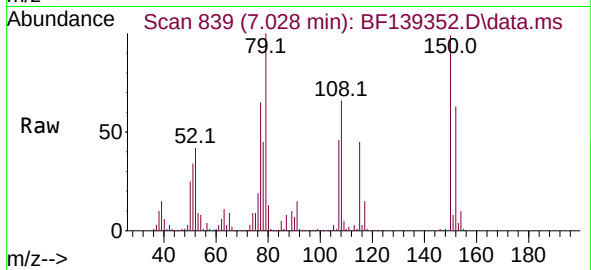
Tgt Ion:146 Resp: 348175
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
111 48.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 76.809 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

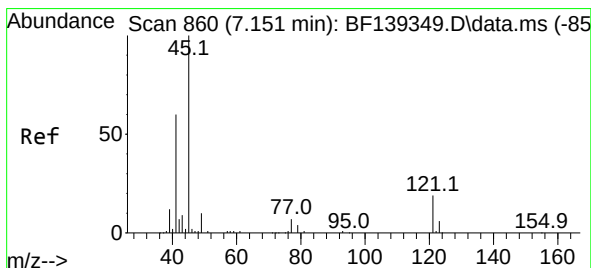
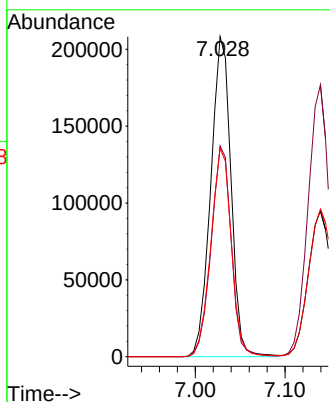
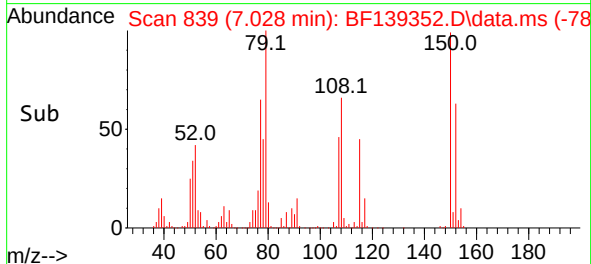
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 326000
Ion Ratio Lower Upper
79 100
108 65.8 50.4 75.6
77 65.1 51.4 77.2

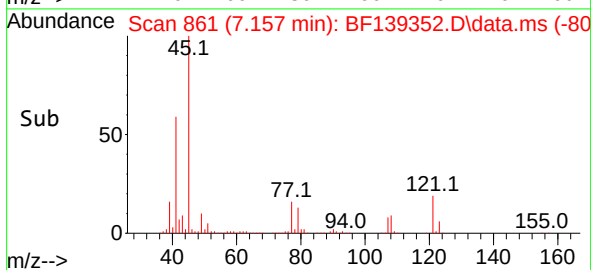
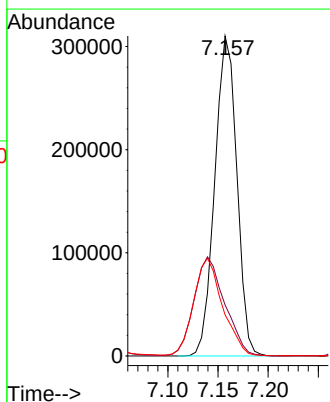
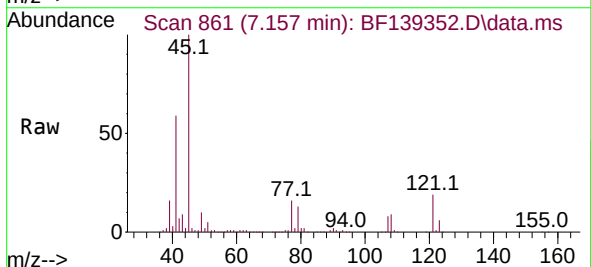
Manual Integrations
APPROVED

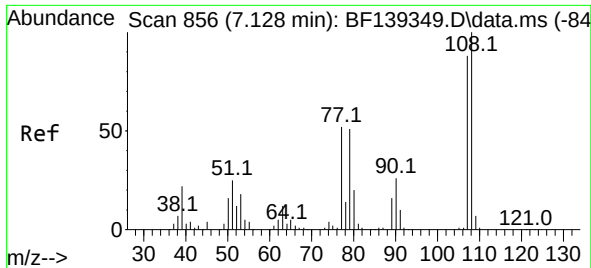
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.703 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion: 45 Resp: 474109
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.0
79 12.9 0.0 29.1





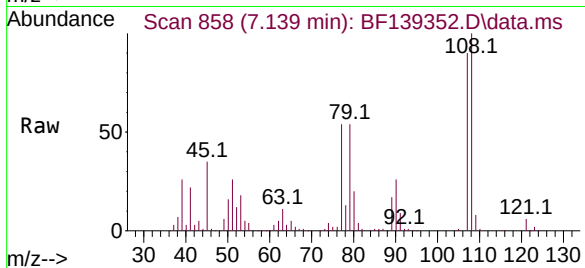
#17
2-Methylphenol
Concen: 78.327 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



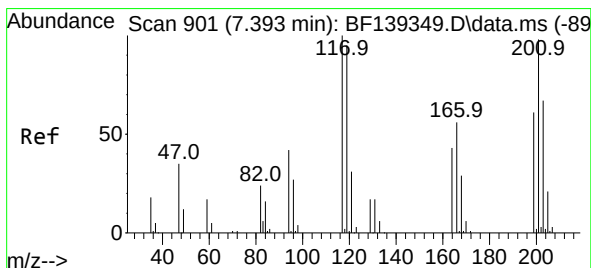
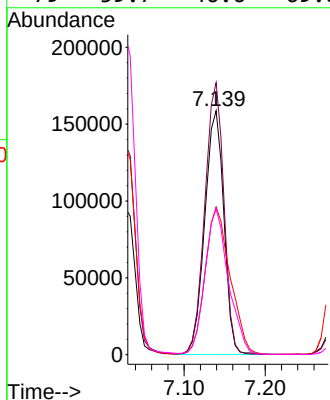
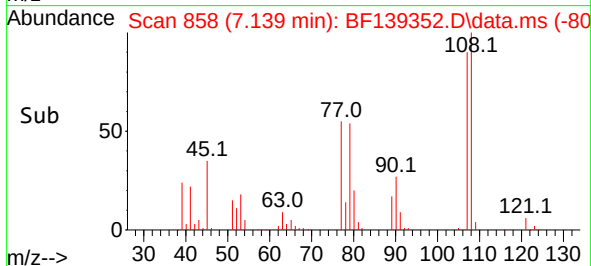
Tgt Ion:107 Resp: 25963
Ion Ratio Lower Upper
107 100
108 111.5 90.5 135.7
77 60.6 47.1 70.7
79 59.7 46.6 69.8

Manual Integrations

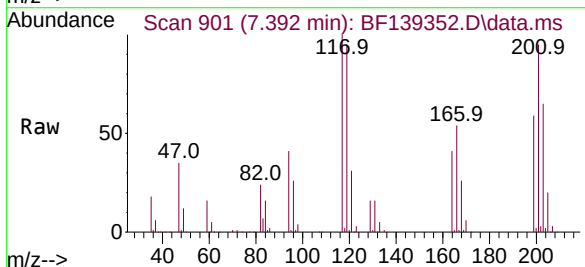
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

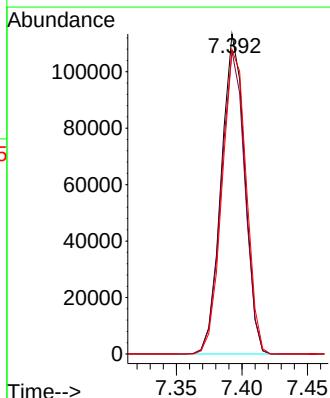
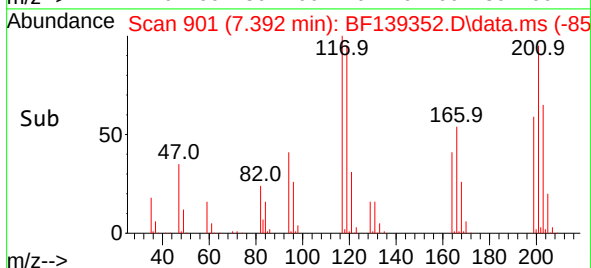
Supervised By :mohammad ahmed 09/16/2024

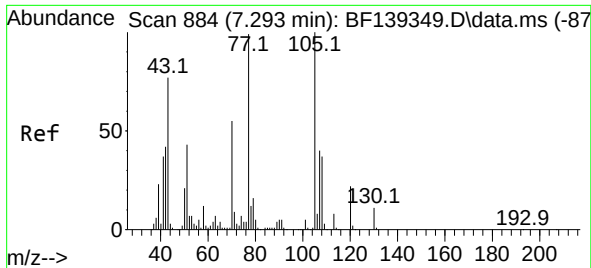


#18
Hexachloroethane
Concen: 77.259 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:117 Resp: 141097
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 95.1 78.6 118.0





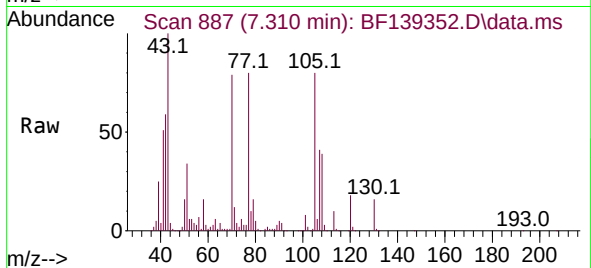
#19
n-Nitroso-di-n-propylamine
Concen: 78.784 ng
RT: 7.310 min Scan# 884
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



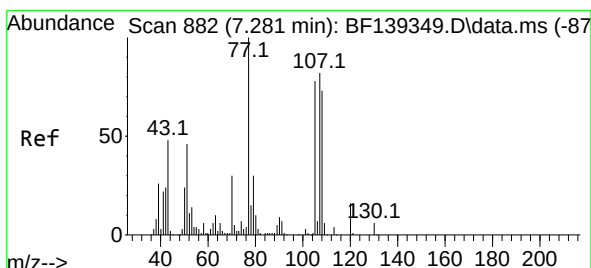
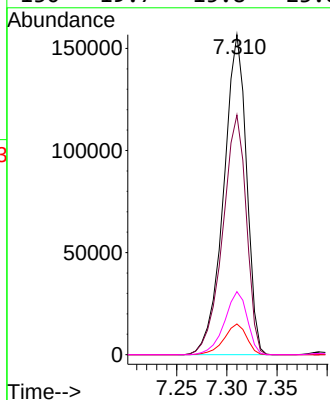
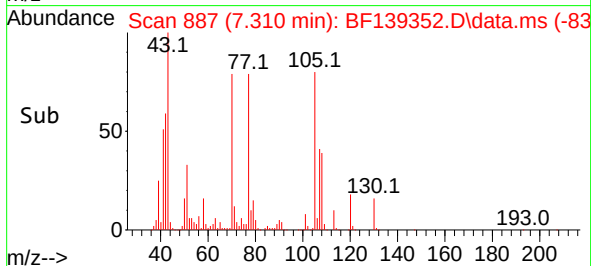
Tgt Ion: 70 Resp: 24836
Ion Ratio Lower Upper
70 100
42 74.9 61.2 91.8
101 9.6 7.5 11.3
130 19.7 15.8 23.8

Manual Integrations

APPROVED

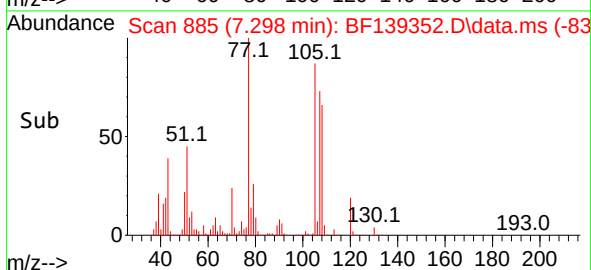
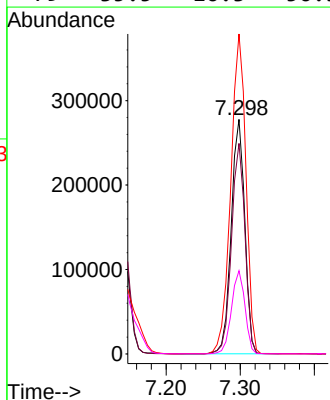
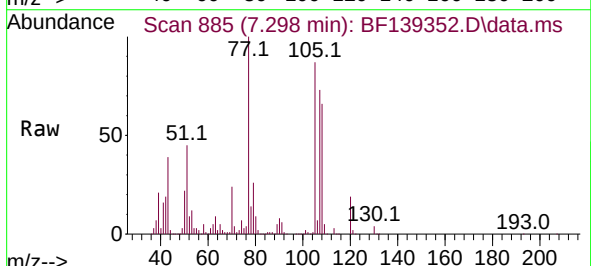
Reviewed By :Yogesh Patel 09/16/2024

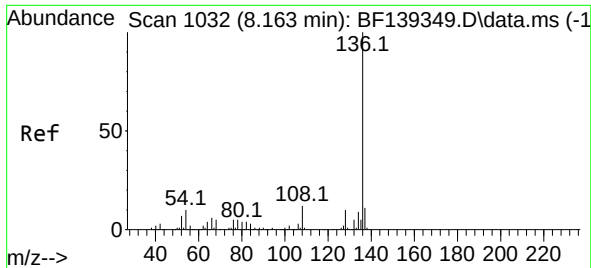
Supervised By :mohammad ahmed 09/16/2024



#20
3+4-Methylphenols
Concen: 77.825 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:107 Resp: 351953
Ion Ratio Lower Upper
107 100
108 89.8 68.6 108.6
77 136.5 101.6 141.6
79 35.5 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

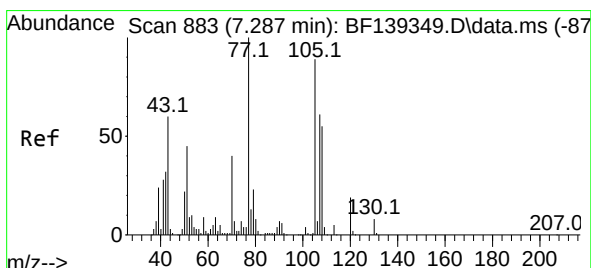
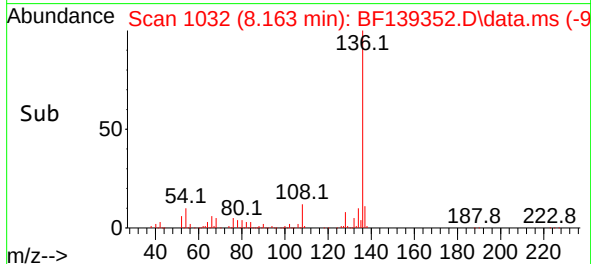
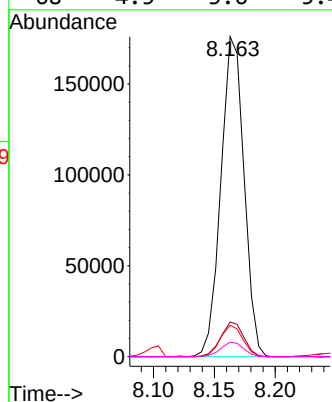
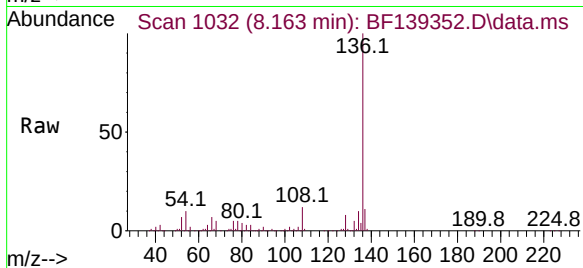
SSTDICC080

Tgt Ion:136 Resp: 232989
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 7.8 11.8
68 4.5 3.6 5.4

Manual Integrations

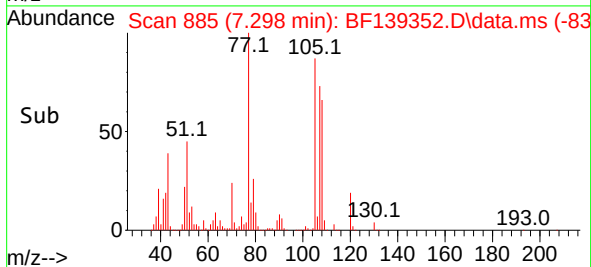
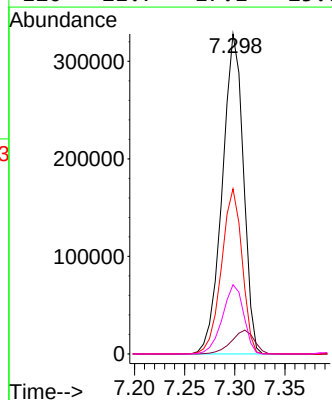
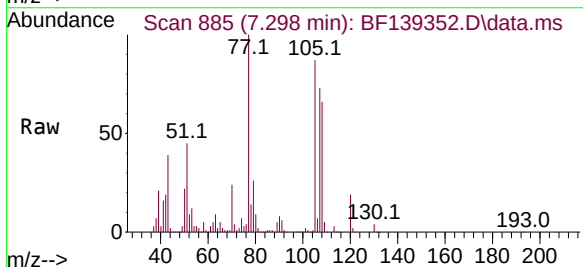
APPROVED

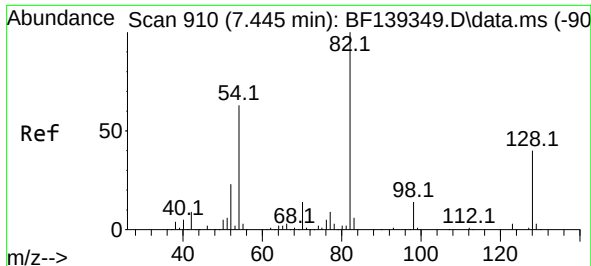
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 78.801 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:105 Resp: 479979
Ion Ratio Lower Upper
105 100
71 4.4 5.9 8.9#
51 51.6 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 161.094 ng

RT: 7.457 min Scan# 910

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

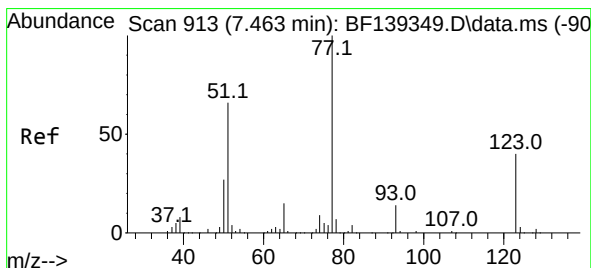
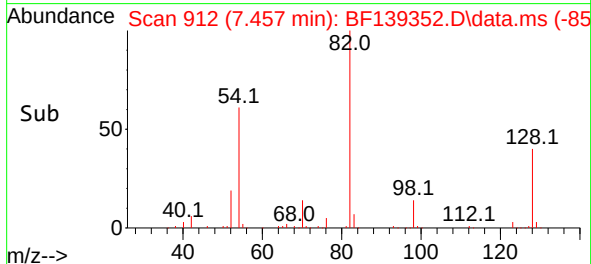
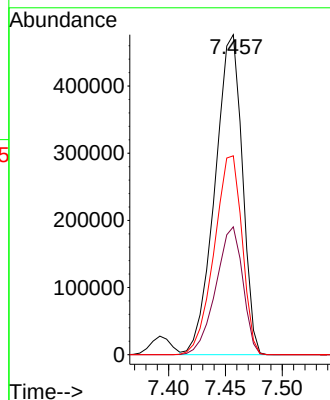
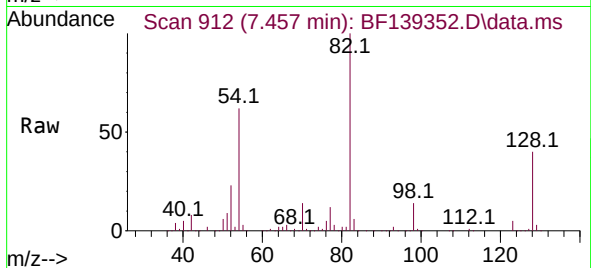
SSTDICC080

Tgt Ion: 82 Resp: 79838
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.6
 54 62.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 78.622 ng

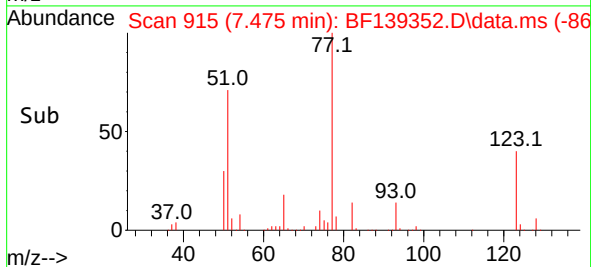
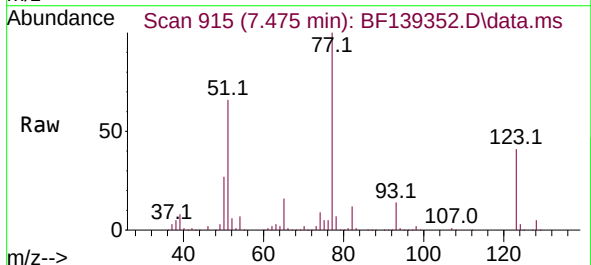
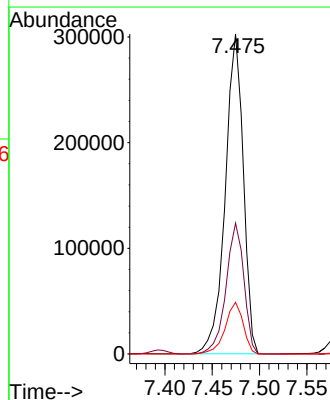
RT: 7.475 min Scan# 915

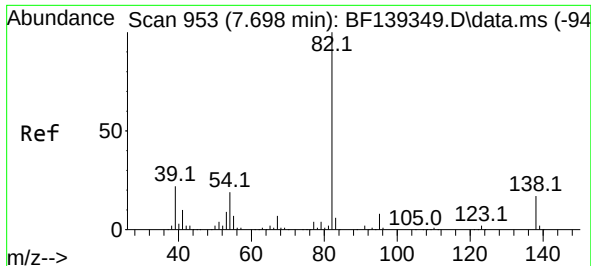
Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion: 77 Resp: 401035
 Ion Ratio Lower Upper
 77 100
 123 40.9 32.2 48.4
 65 16.1 12.2 18.4





#25
Isophorone
Concen: 78.833 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

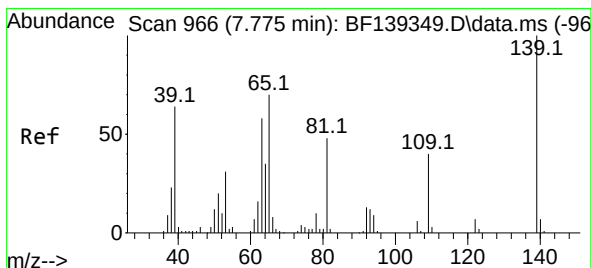
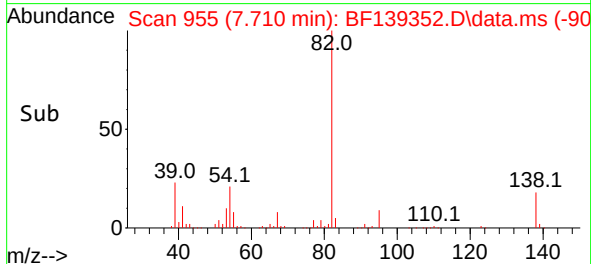
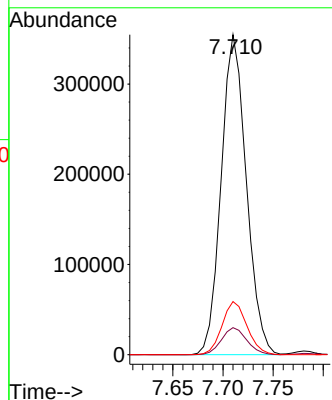
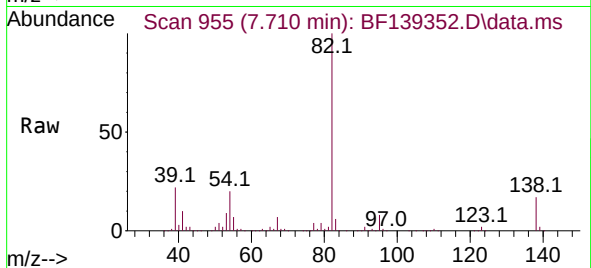
SSTDICC080

Tgt Ion: 82 Resp: 61789
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.6 13.3 19.9

Manual Integrations

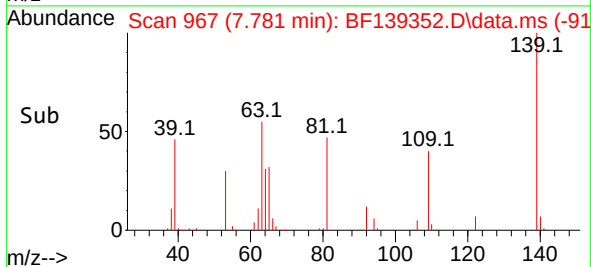
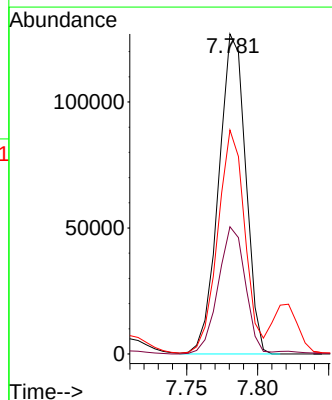
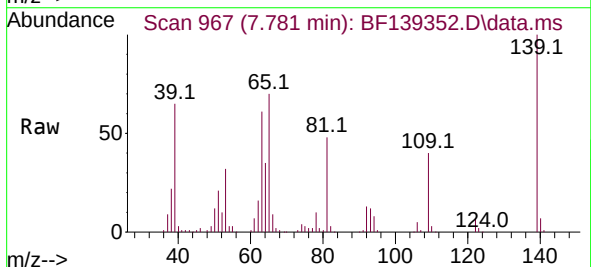
APPROVED

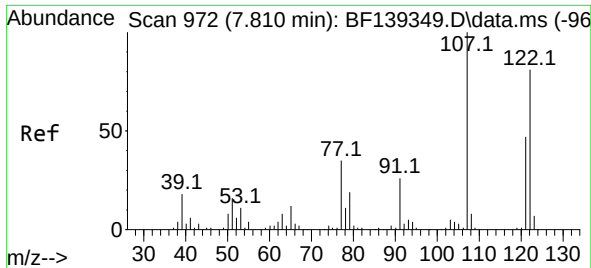
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 84.561 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:139 Resp: 168044
Ion Ratio Lower Upper
139 100
109 39.8 32.2 48.2
65 70.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 78.593 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 206020

Ion Ratio Lower Upper

122 100

107 127.2 99.1 148.7

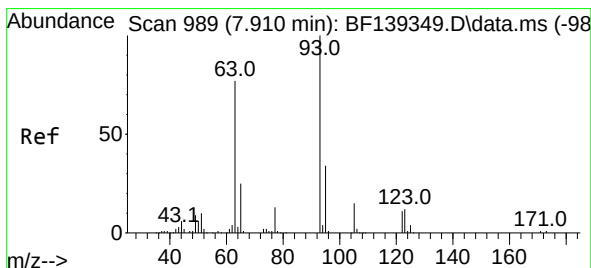
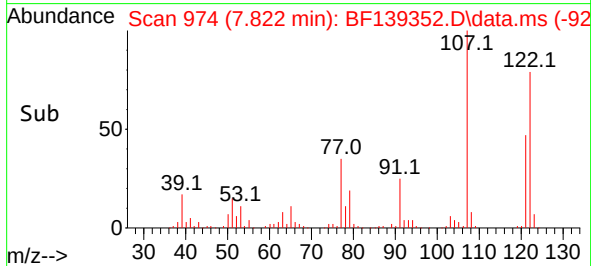
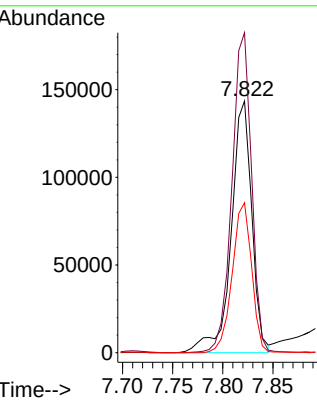
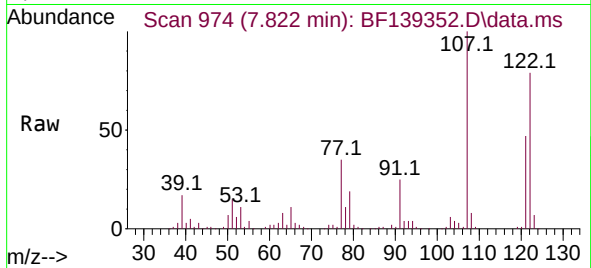
121 59.6 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 79.499 ng

RT: 7.916 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

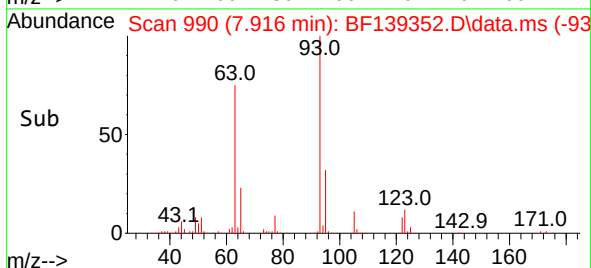
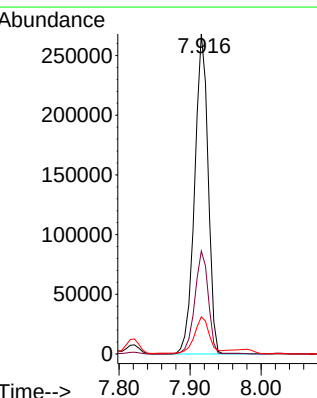
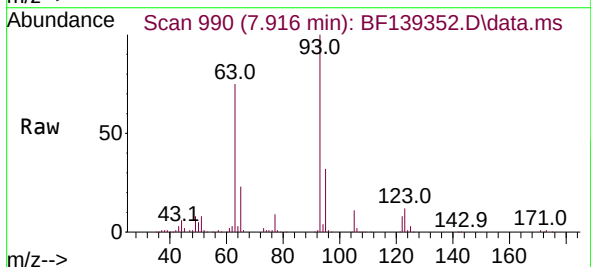
Tgt Ion: 93 Resp: 355128

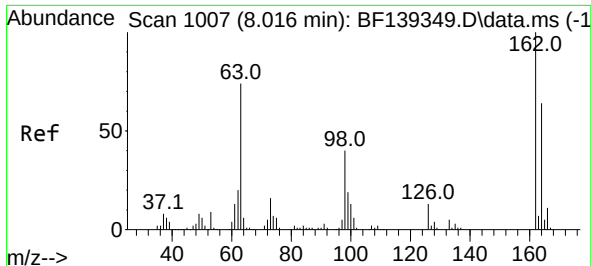
Ion Ratio Lower Upper

93 100

95 32.1 26.9 40.3

123 11.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 79.303 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

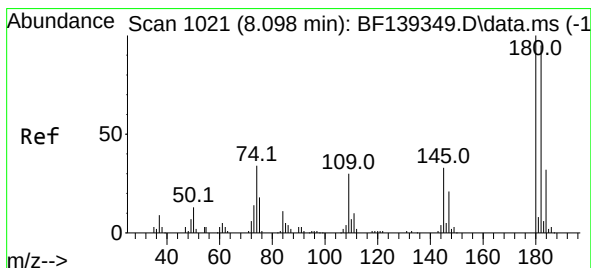
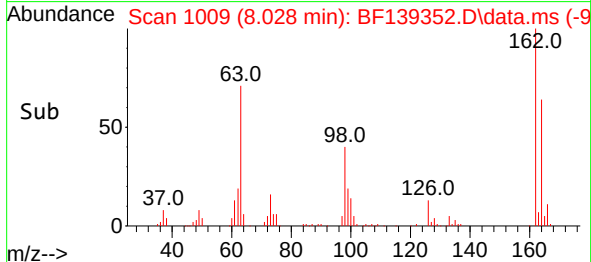
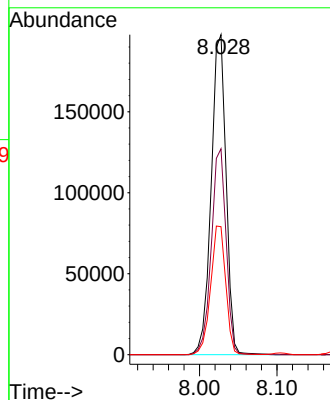
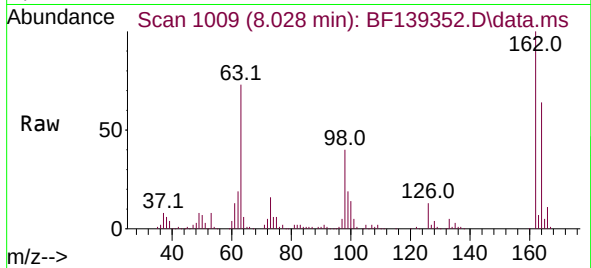
Tgt Ion:162	Resp: 26408
Ion Ratio	Lower Upper
162 100	
164 64.4	43.6 83.6
98 40.0	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 78.143 ng

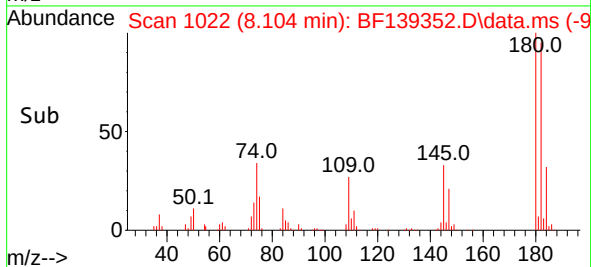
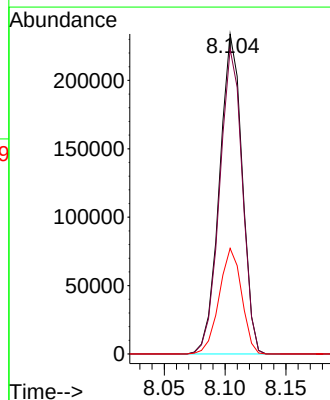
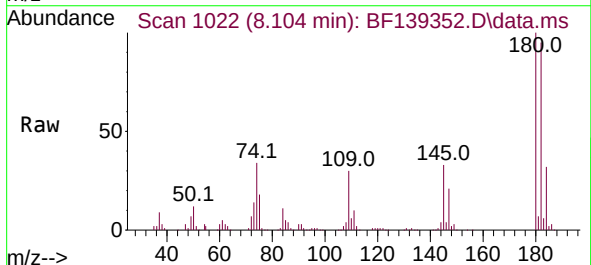
RT: 8.104 min Scan# 1022

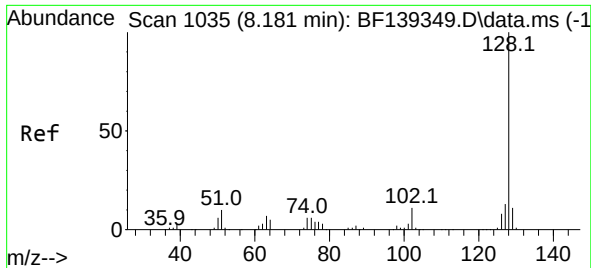
Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:180	Resp: 303204
Ion Ratio	Lower Upper
180 100	
182 95.3	75.7 113.5
145 33.0	26.5 39.7





#31
Naphthalene
Concen: 79.198 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

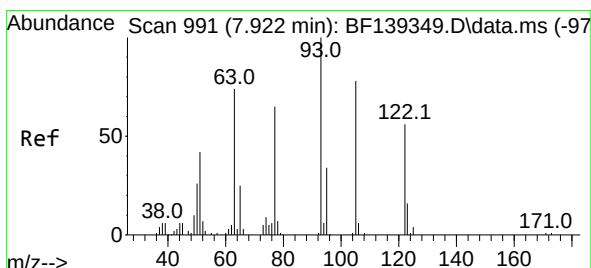
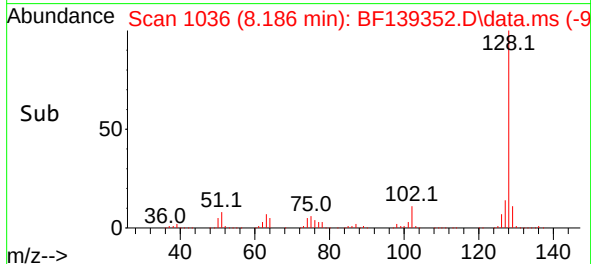
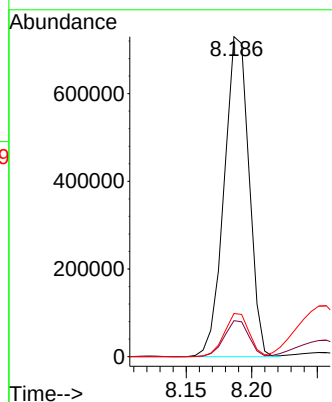
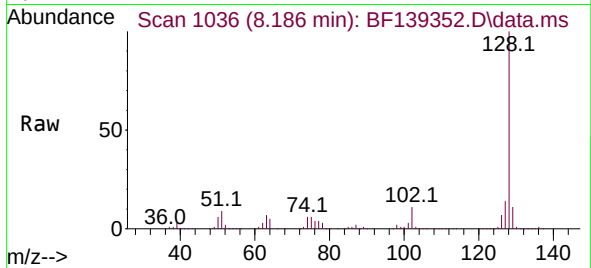
SSTDICC080

Tgt Ion:128 Resp: 963320
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.6 16.0

Manual Integrations

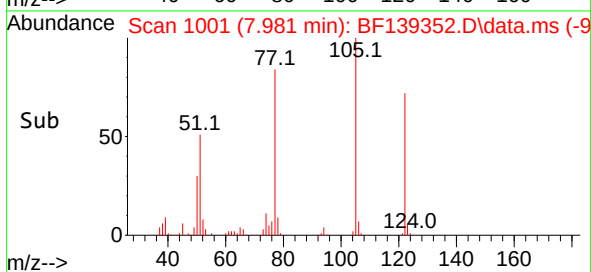
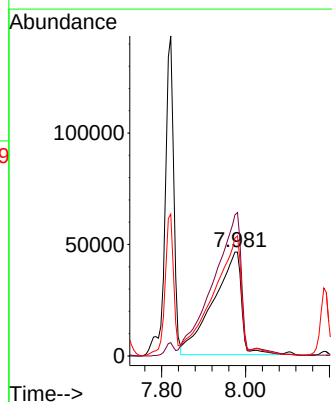
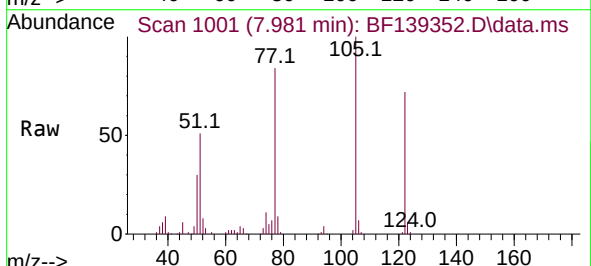
APPROVED

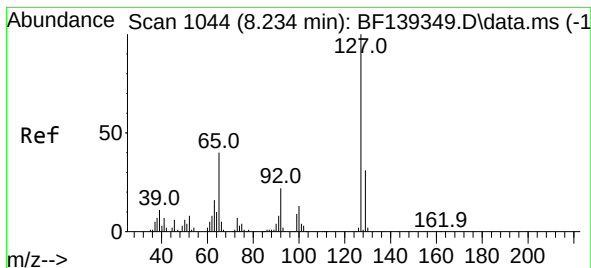
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 87.390 ng m
RT: 7.981 min Scan# 1001
Delta R.T. 0.059 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:122 Resp: 215219
Ion Ratio Lower Upper
122 100
105 138.0 117.1 157.1
77 115.5 95.4 135.4





#33
4-Chloroaniline
Concen: 73.324 ng
RT: 8.257 min Scan# 1048
Delta R.T. 0.023 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

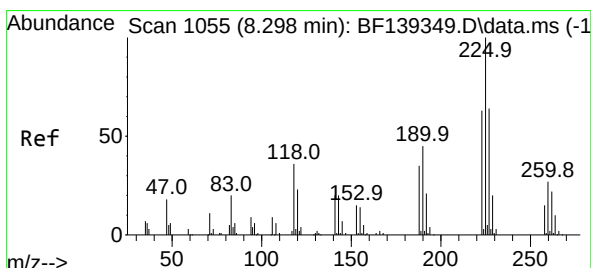
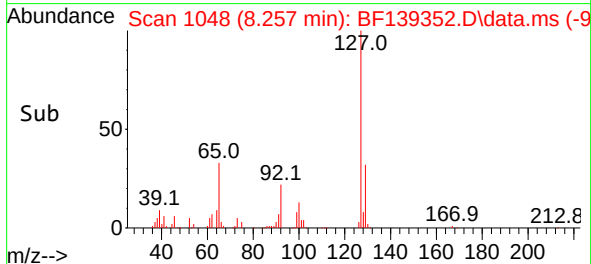
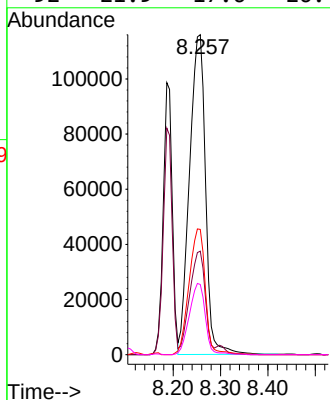
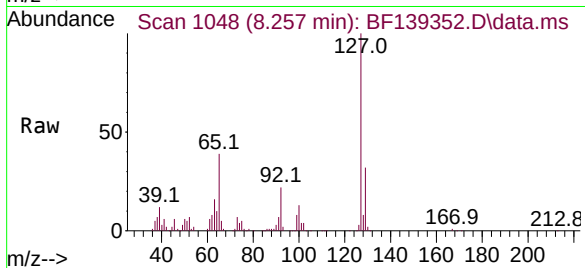
SSTDICC080

Tgt Ion:127 Resp: 27284
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 39.2 31.5 47.3
92 21.9 17.6 26.4

Manual Integrations

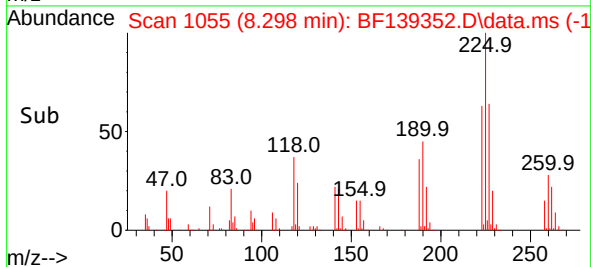
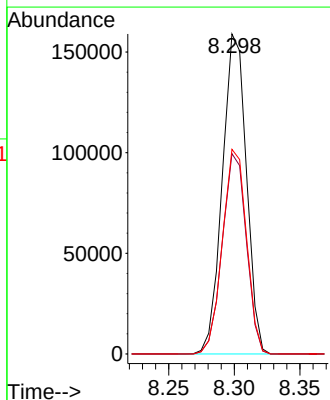
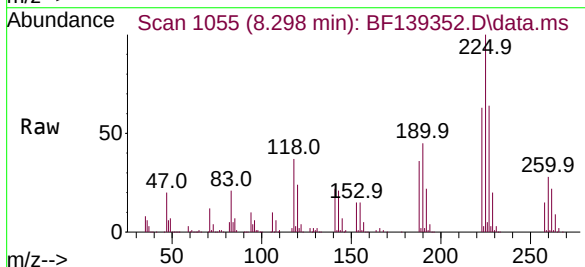
APPROVED

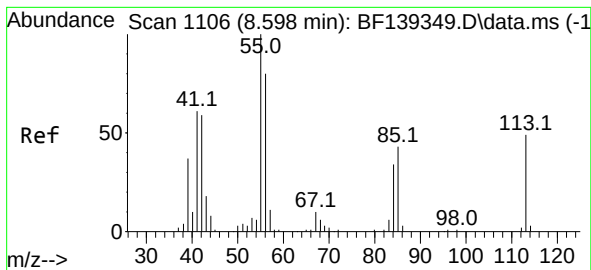
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 76.928 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:225 Resp: 202793
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 63.9 51.0 76.6





#35

Caprolactam

Concen: 79.884 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.041 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:113 Resp: 8183

Ion Ratio Lower Upper

113 100

55 201.1 186.1 226.1

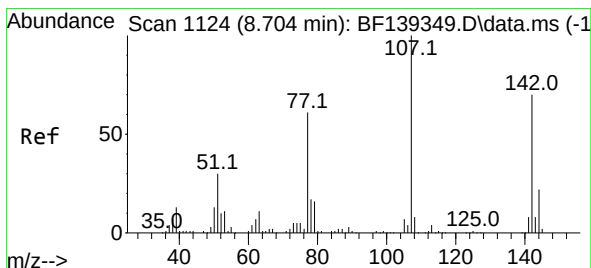
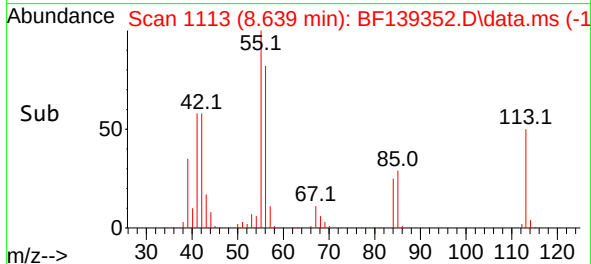
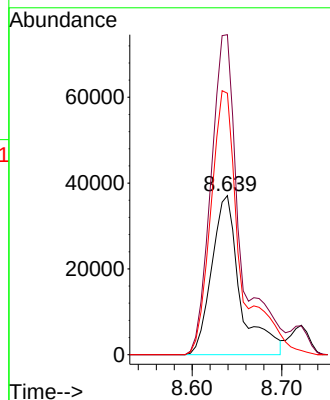
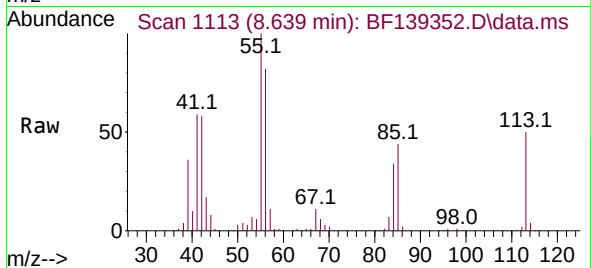
56 164.3 144.9 184.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#36

4-Chloro-3-methylphenol

Concen: 80.190 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.017 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

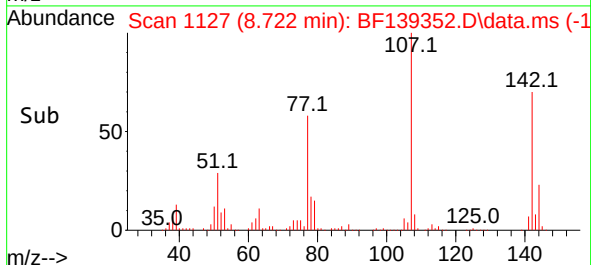
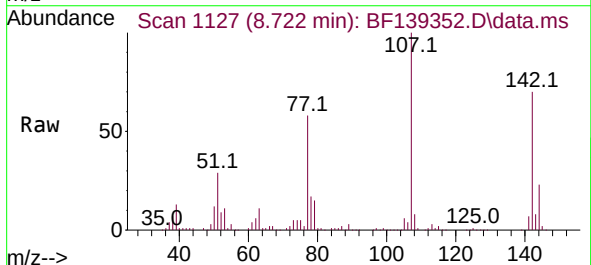
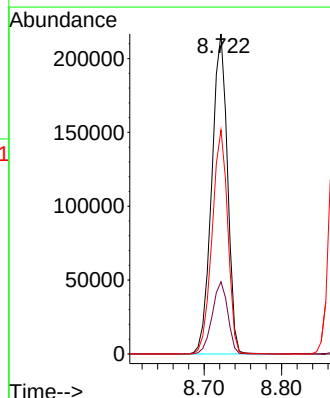
Tgt Ion:107 Resp: 305192

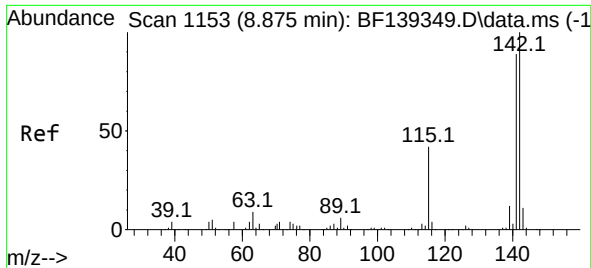
Ion Ratio Lower Upper

107 100

144 22.6 17.5 26.3

142 70.0 55.8 83.8





#37
2-Methylnaphthalene
Concen: 78.607 ng
RT: 8.880 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

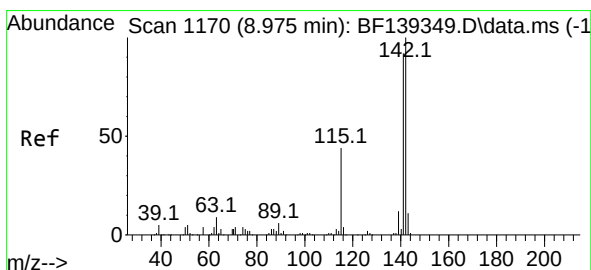
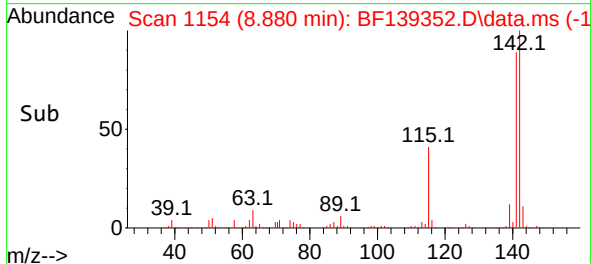
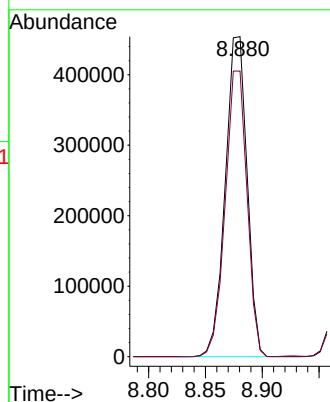
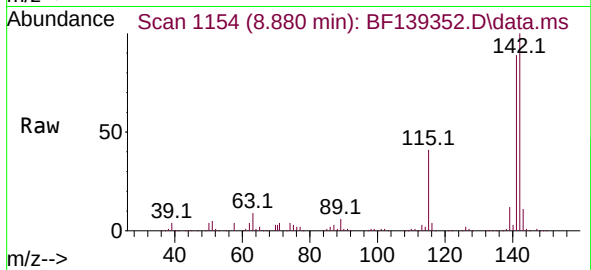
SSTDICC080

Tgt Ion:142 Resp: 60688
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4

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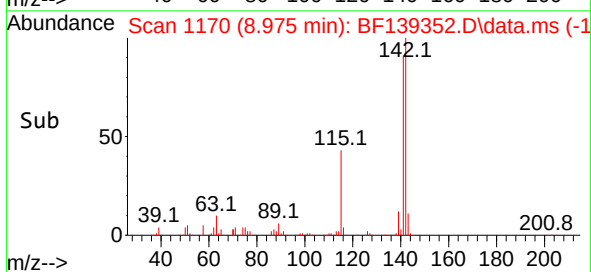
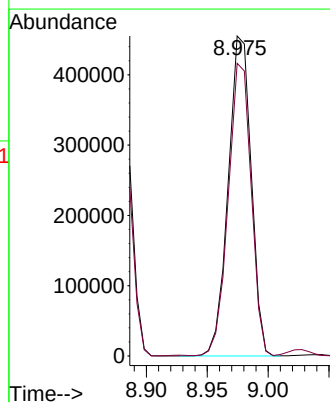
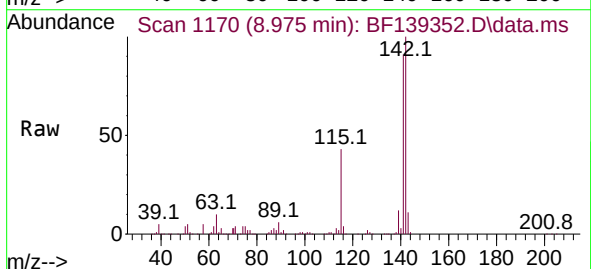
APPROVED

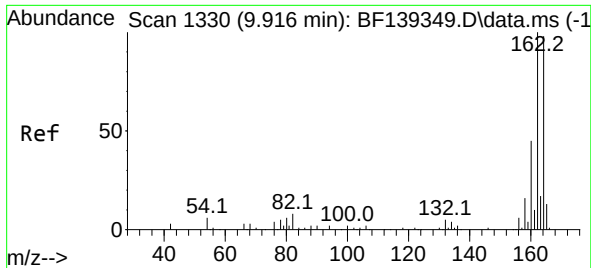
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#38
1-Methylnaphthalene
Concen: 79.092 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:142 Resp: 599493
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8





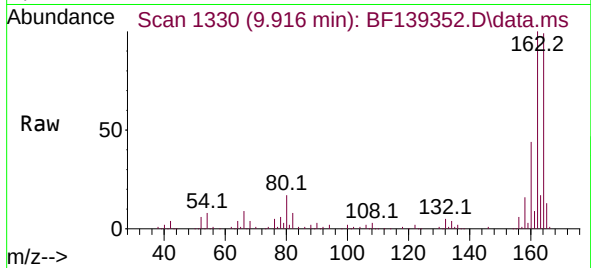
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



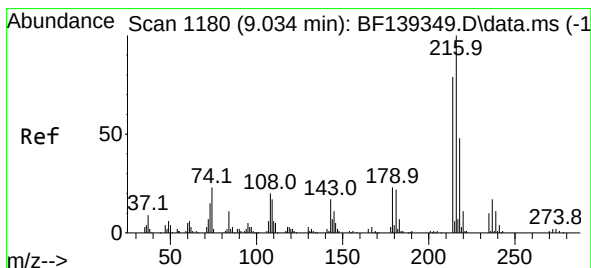
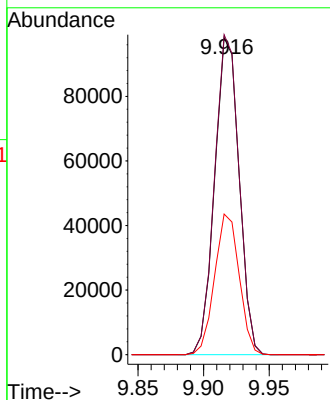
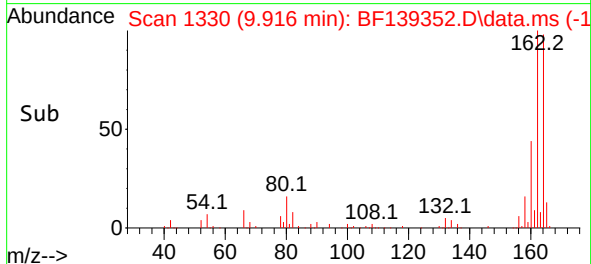
Tgt Ion:164 Resp: 126997
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.4 36.4 54.6

Manual Integrations

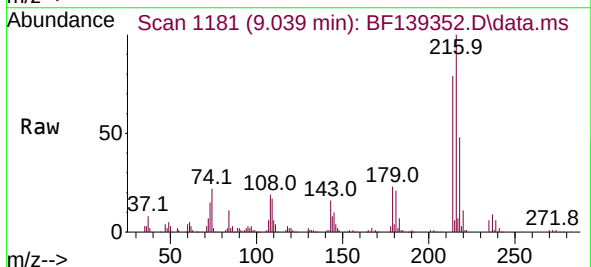
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

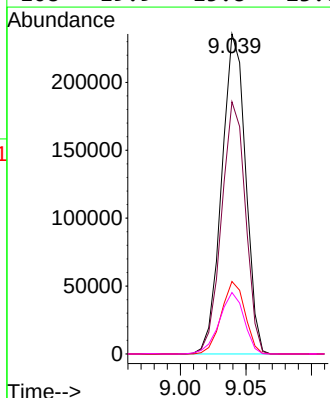
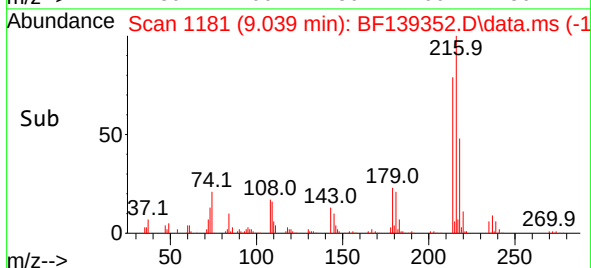
Supervised By :mohammad ahmed 09/16/2024

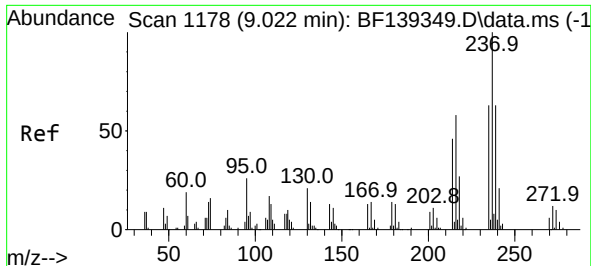


#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.368 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:216 Resp: 298724
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 22.4 18.2 27.2
108 19.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 72.430 ng
RT: 9.027 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

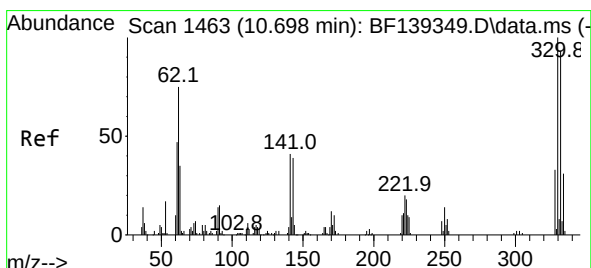
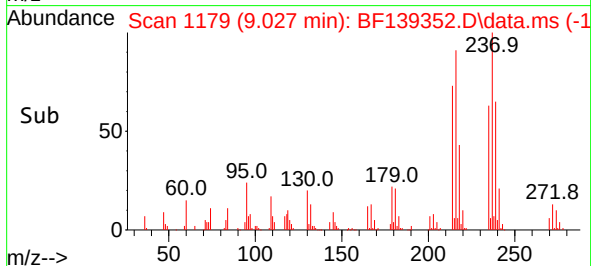
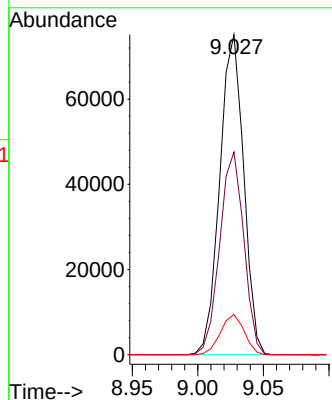
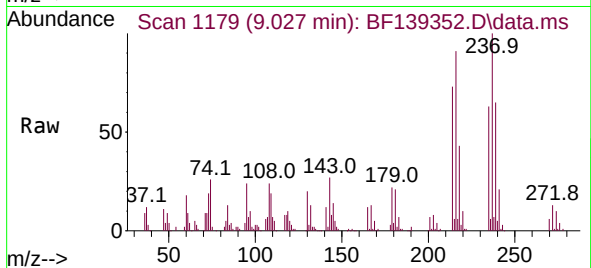
SSTDICC080

Tgt Ion:237 Resp: 95184
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 12.5 0.0 32.5

Manual Integrations

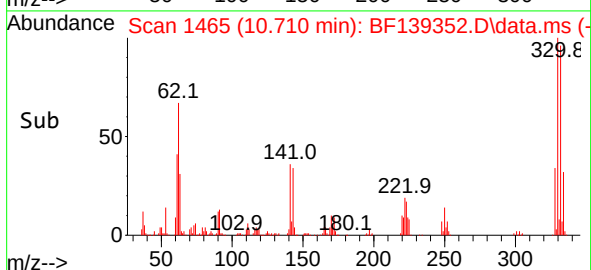
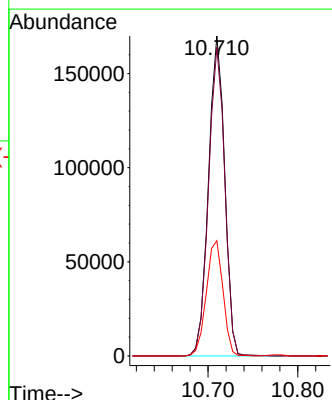
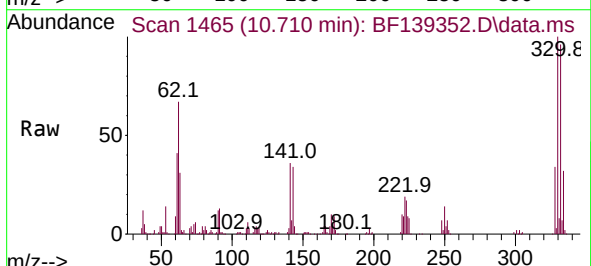
APPROVED

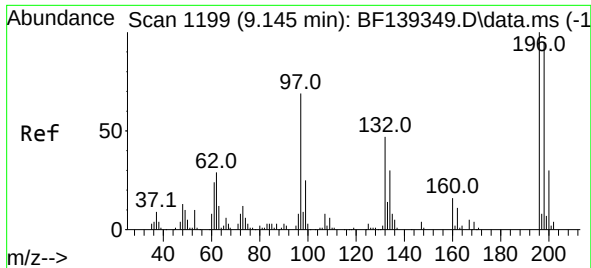
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 157.565 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:330 Resp: 213033
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 37.1 31.2 46.8





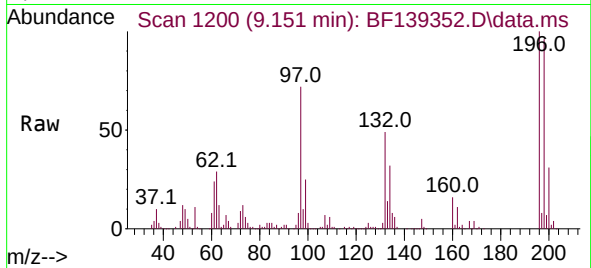
#43
2,4,6-Trichlorophenol
Concen: 79.656 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

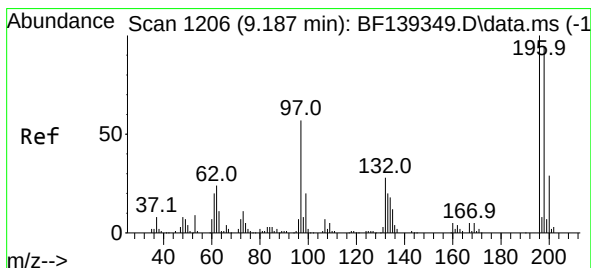
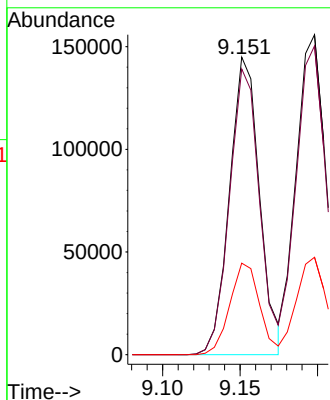
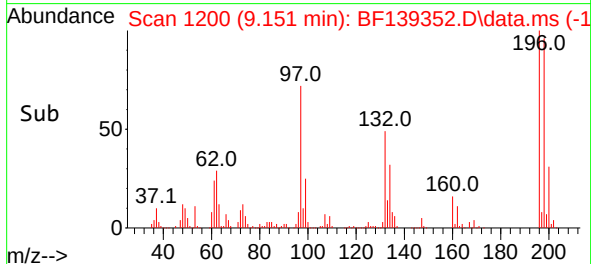


Tgt Ion:196 Resp: 195054
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.6
200 30.8 24.1 36.1

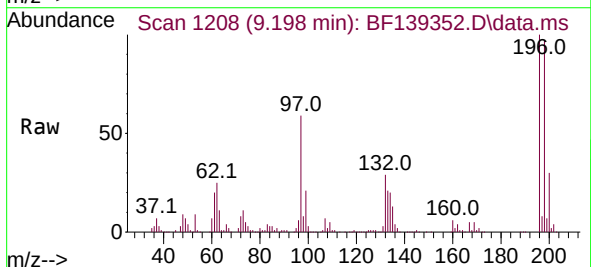
Manual Integrations

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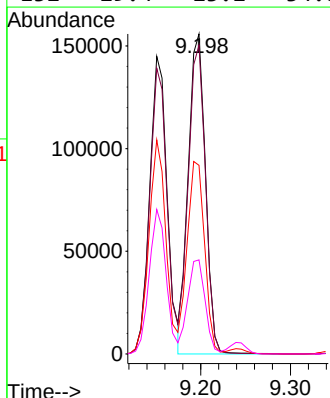
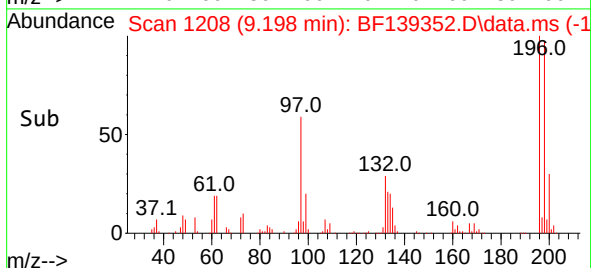
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

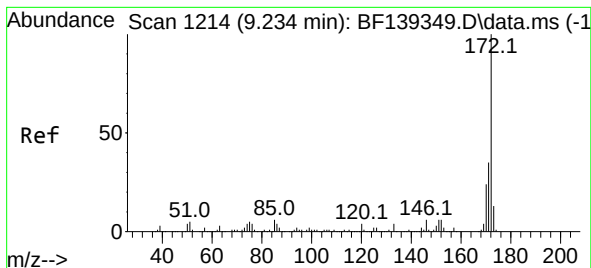


#44
2,4,5-Trichlorophenol
Concen: 80.566 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:196 Resp: 208100
Ion Ratio Lower Upper
196 100
198 96.5 74.8 112.2
97 59.0 47.3 70.9
132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 155.345 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139352.D

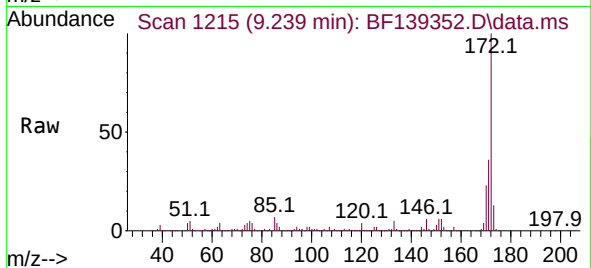
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:172 Resp: 1406634

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

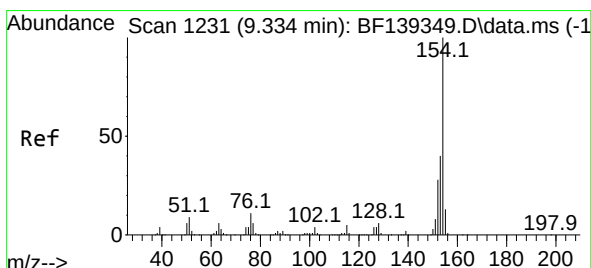
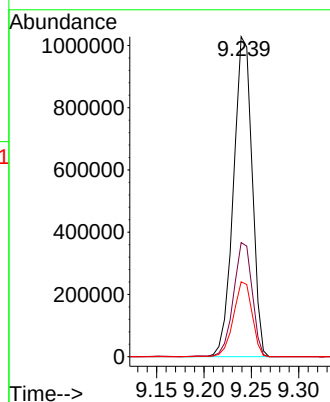
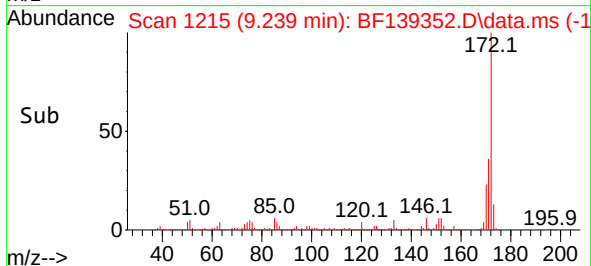
170 23.4 19.0 28.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#46

1,1'-Biphenyl

Concen: 78.446 ng

RT: 9.345 min Scan# 1233

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

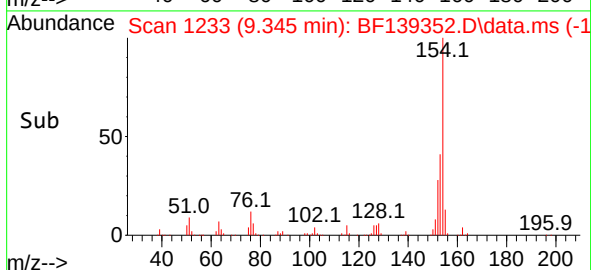
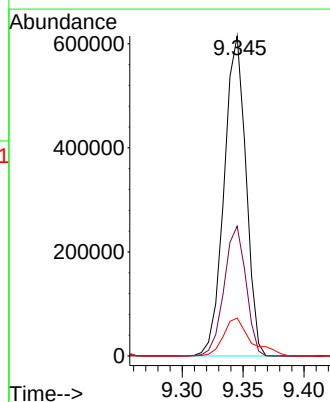
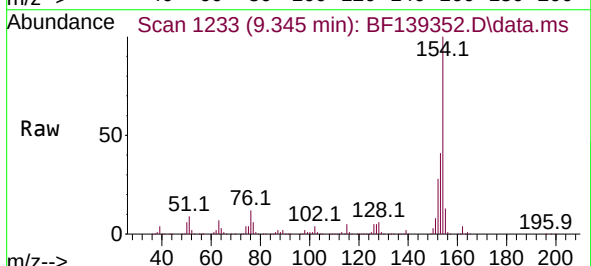
Tgt Ion:154 Resp: 766437

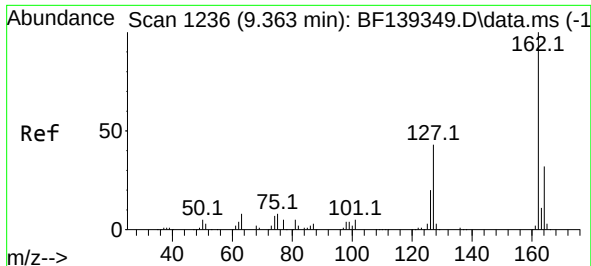
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 79.713 ng

RT: 9.369 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF139352.D

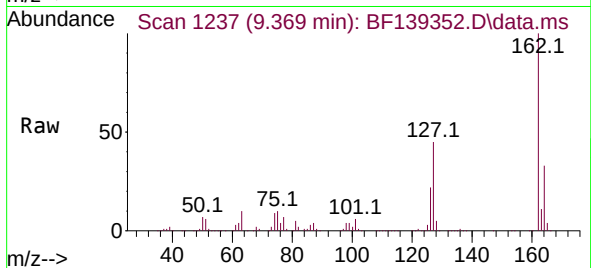
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 582318

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

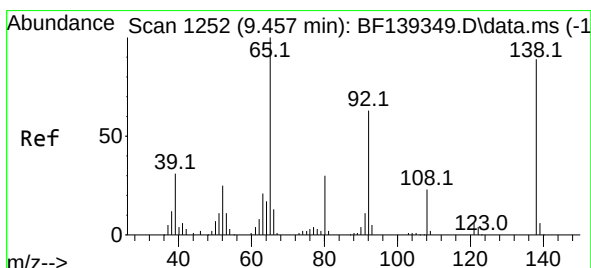
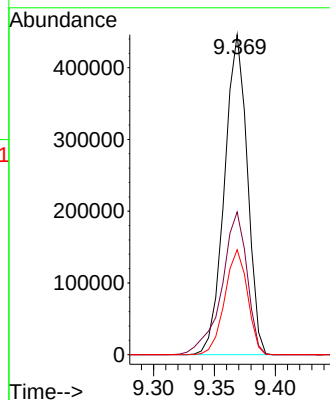
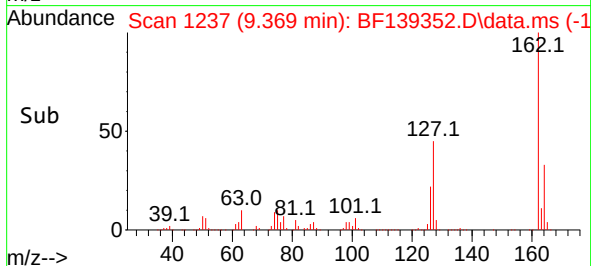
164 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

Concen: 82.167 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

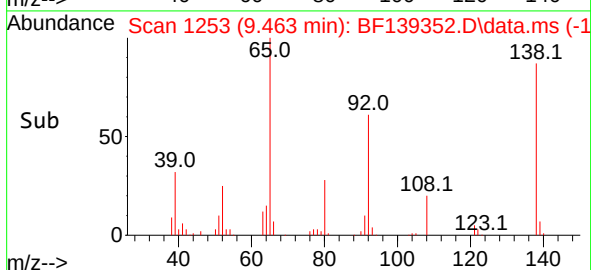
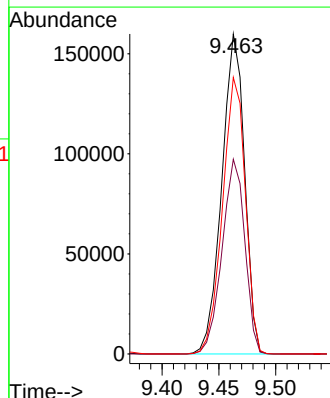
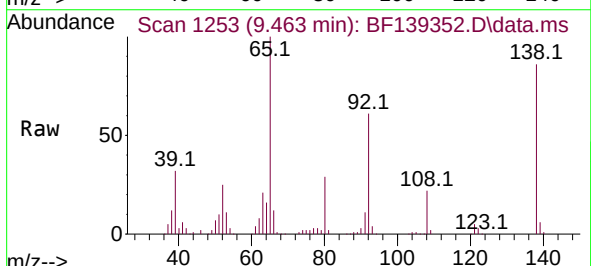
Tgt Ion: 65 Resp: 223259

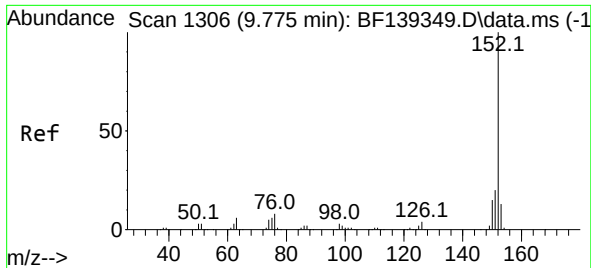
Ion Ratio Lower Upper

65 100

92 60.8 50.3 75.5

138 86.4 71.3 106.9





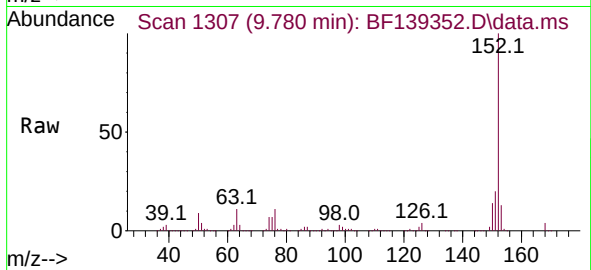
#49
Acenaphthylene
Concen: 78.947 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



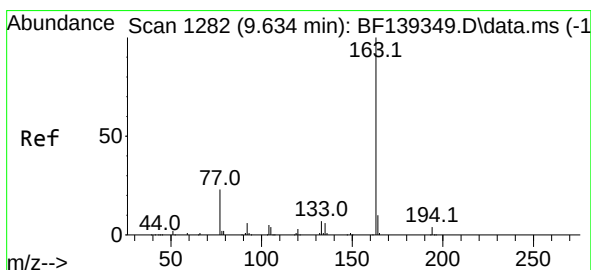
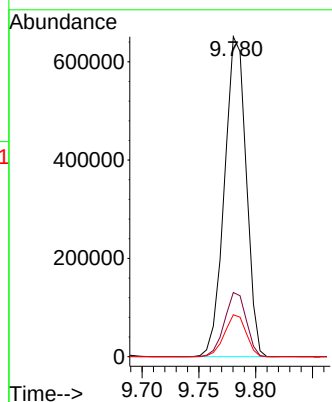
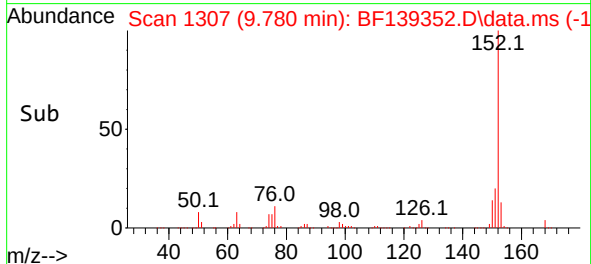
Tgt Ion:152 Resp: 868138
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 10.3 15.5

Manual Integrations

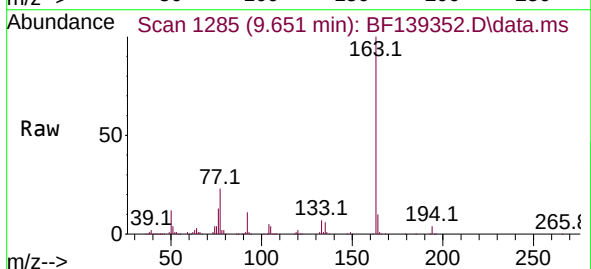
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

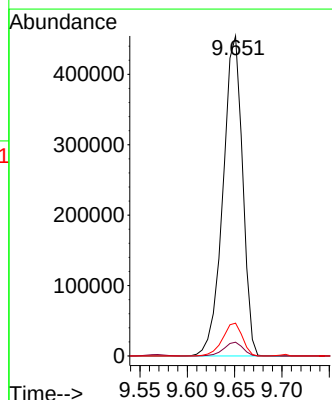
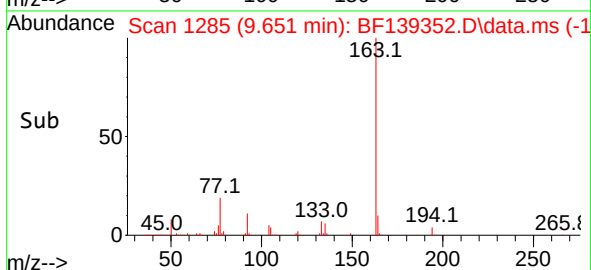
Supervised By :mohammad ahmed 09/16/2024

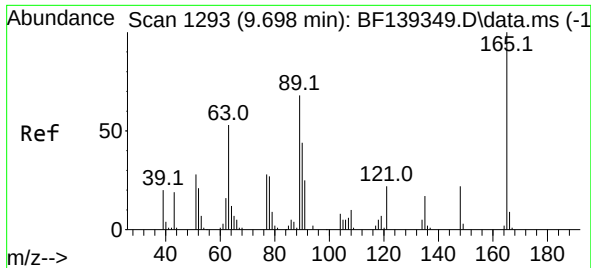


#50
Dimethylphthalate
Concen: 78.326 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:163 Resp: 652879
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.2 12.2





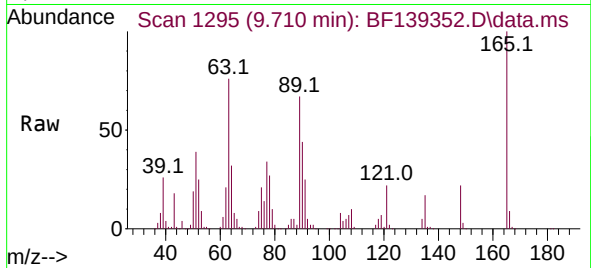
#51
2,6-Dinitrotoluene
Concen: 81.625 ng
RT: 9.710 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



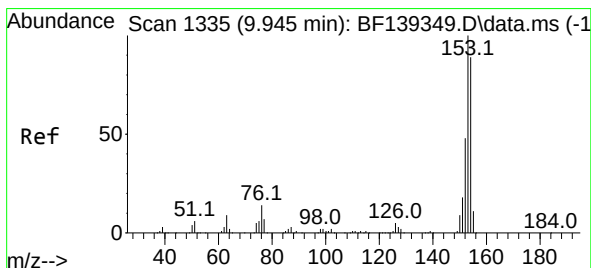
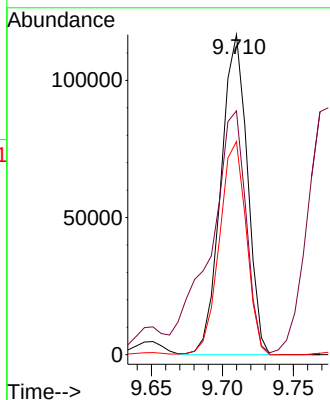
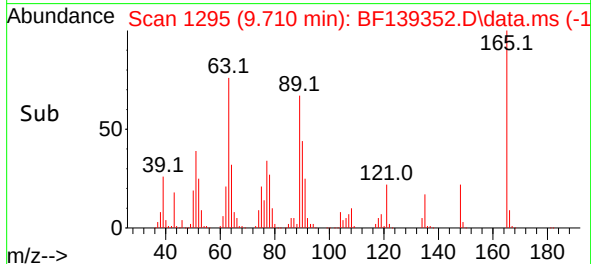
Tgt Ion:165 Resp: 150724
Ion Ratio Lower Upper
165 100
63 76.2 60.9 91.3
89 66.6 54.7 82.1

Manual Integrations

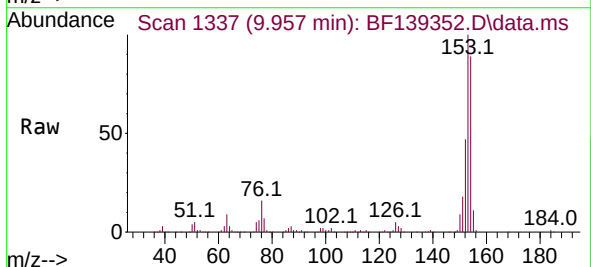
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

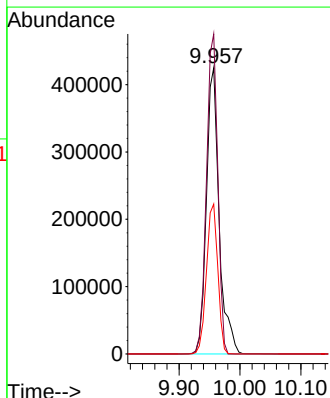
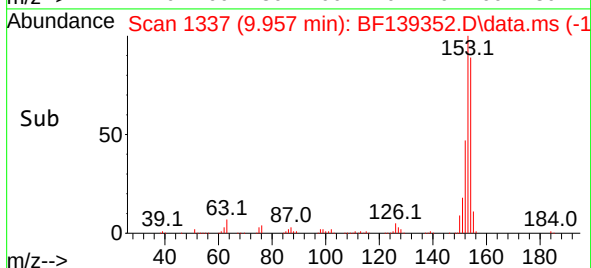
Supervised By :mohammad ahmed 09/16/2024

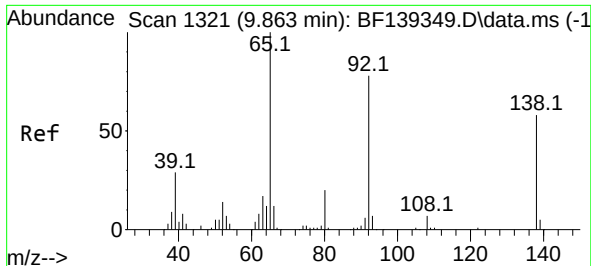


#52
Acenaphthene
Concen: 80.396 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:154 Resp: 617018
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 52.4 42.6 64.0





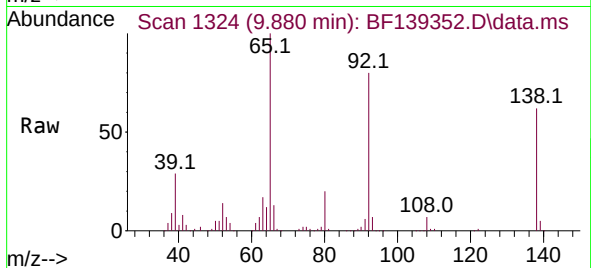
#53
3-Nitroaniline
Concen: 73.235 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



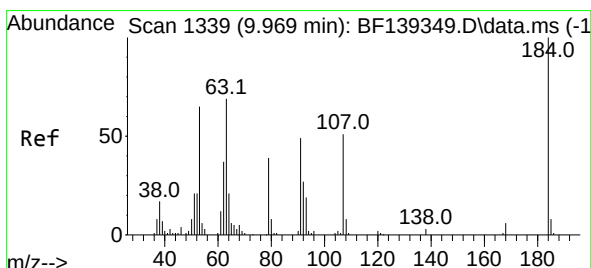
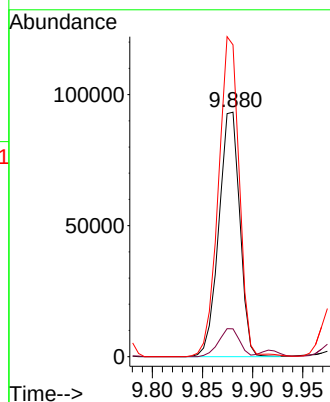
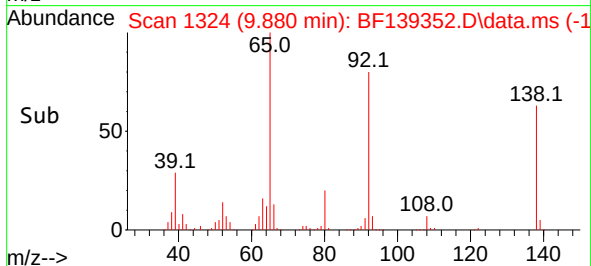
Tgt Ion:138 Resp: 13514
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.8
92 127.6 107.4 161.2

Manual Integrations

APPROVED

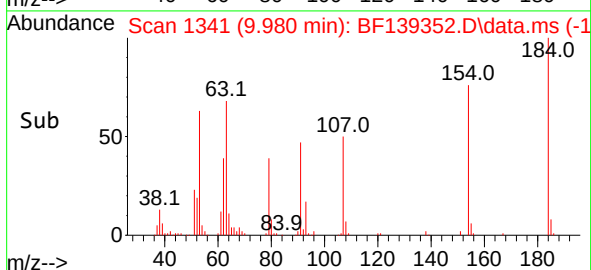
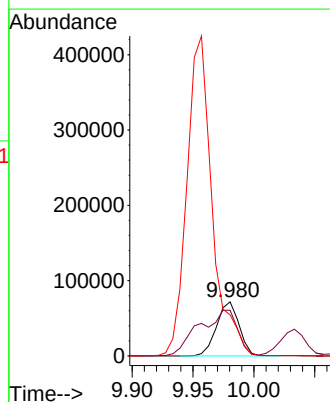
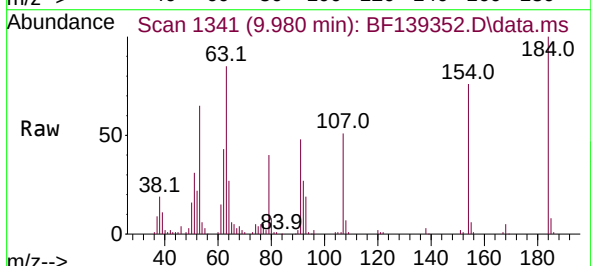
Reviewed By :Yogesh Patel 09/16/2024

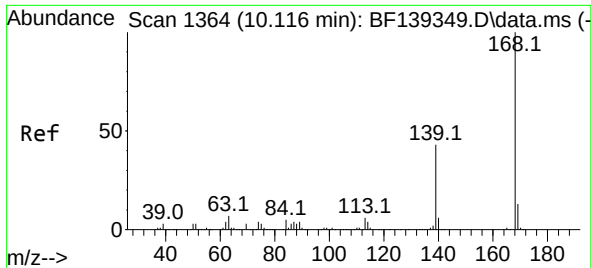
Supervised By :mohammad ahmed 09/16/2024



#54
2,4-Dinitrophenol
Concen: 95.931 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:184 Resp: 92861
Ion Ratio Lower Upper
184 100
63 84.7 69.3 103.9
154 76.1 67.5 101.3





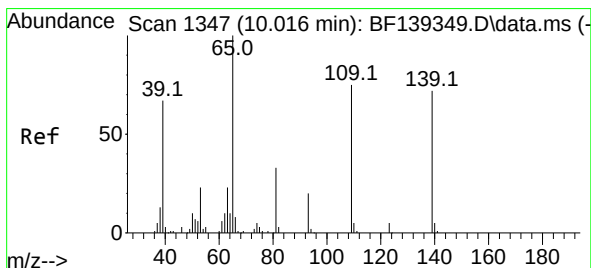
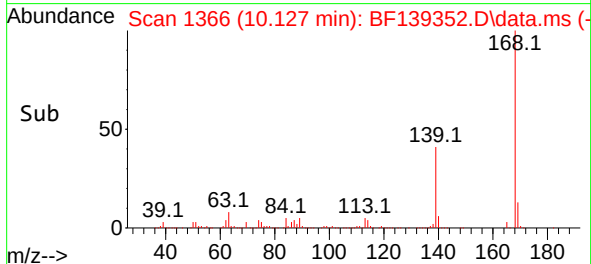
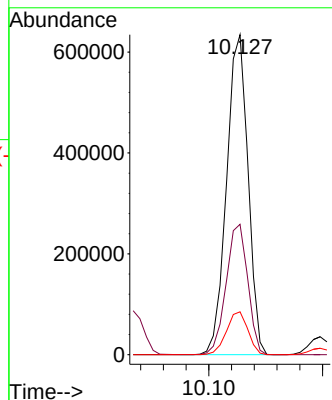
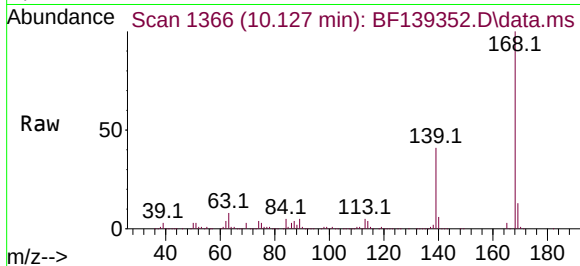
#55
Dibenzenofuran
Concen: 77.658 ng
RT: 10.127 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 830718
Ion Ratio Lower Upper
168 100
139 40.7 34.1 51.1
169 13.4 10.5 15.7

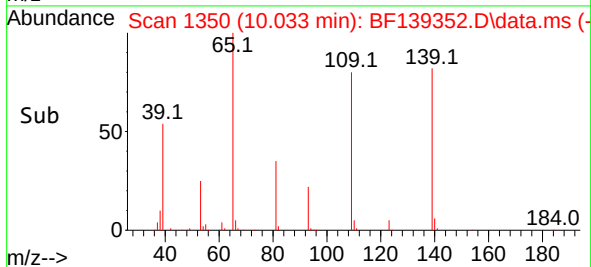
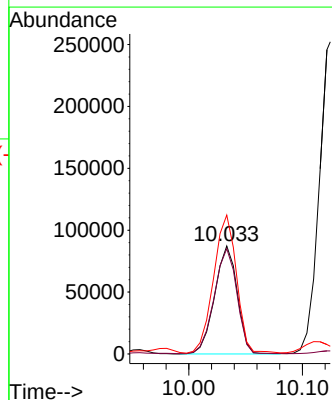
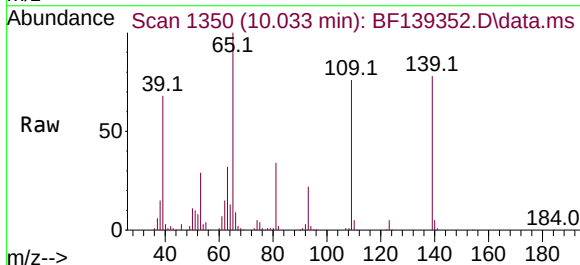
Manual Integrations
APPROVED

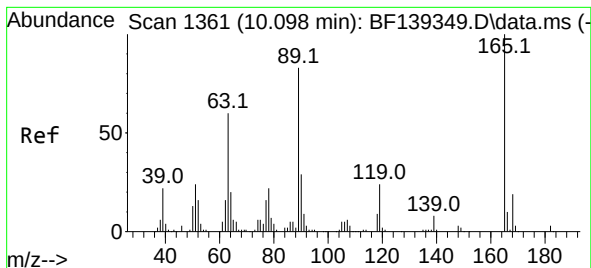
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 79.034 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:139 Resp: 120683
Ion Ratio Lower Upper
139 100
109 97.6 84.1 124.1
65 128.6 120.0 160.0





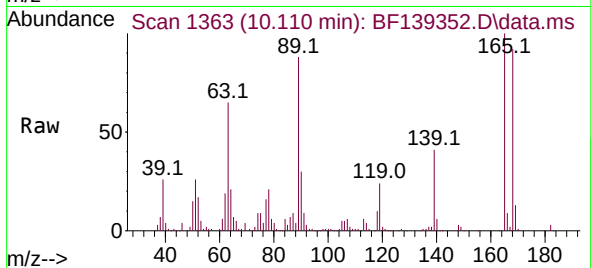
#57
2,4-Dinitrotoluene
Concen: 81.422 ng
RT: 10.110 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



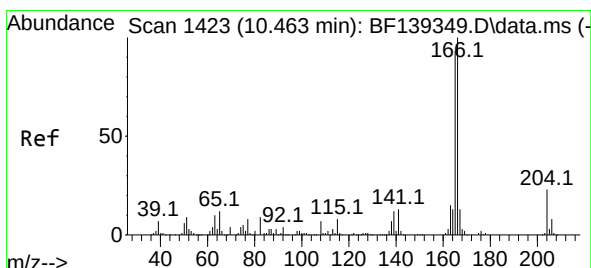
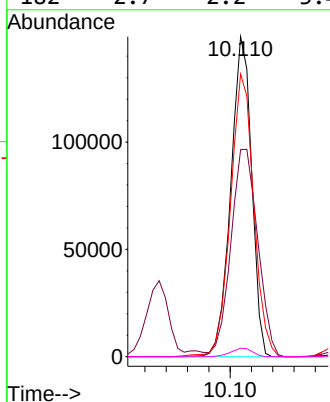
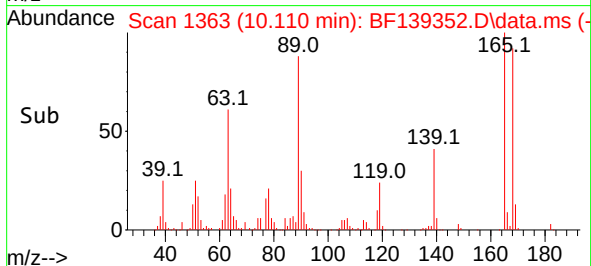
Tgt Ion:165 Resp: 202984
Ion Ratio Lower Upper
165 100
63 64.7 47.8 71.6
89 88.4 66.7 100.1
182 2.7 2.2 3.4

Manual Integrations

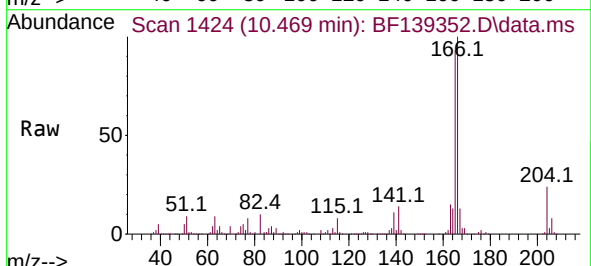
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

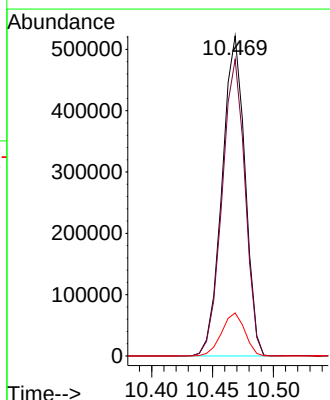
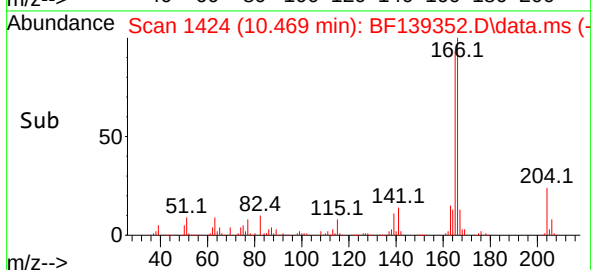
Supervised By :mohammad ahmed 09/16/2024

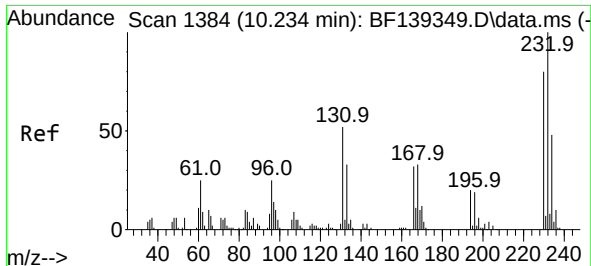


#58
Fluorene
Concen: 78.266 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:166 Resp: 683097
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 78.199 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

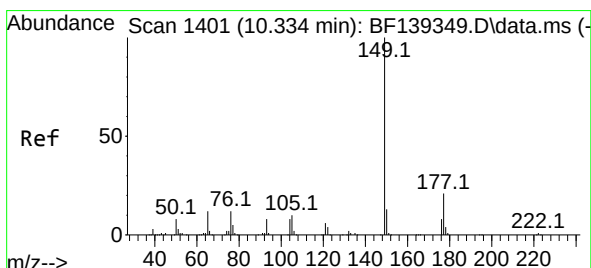
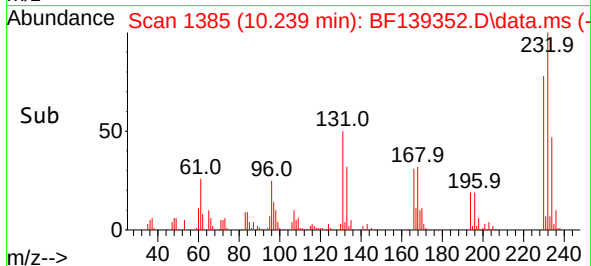
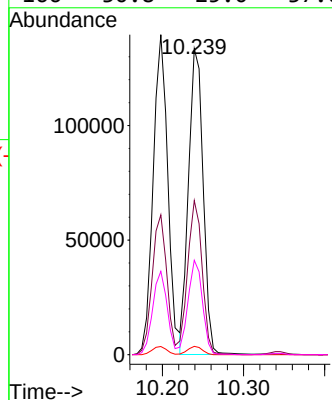
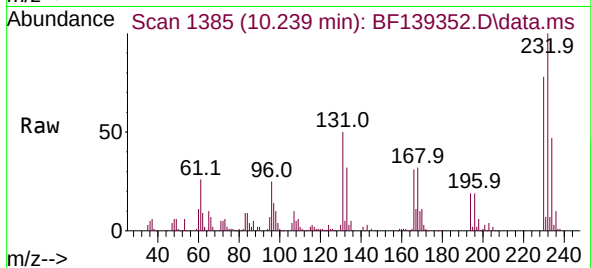
Tgt Ion:232 Resp: 167088
Ion Ratio Lower Upper
232 100
131 50.4 40.7 61.1
130 2.7 2.2 3.2
166 30.8 25.0 37.6

Manual Integrations

APPROVED

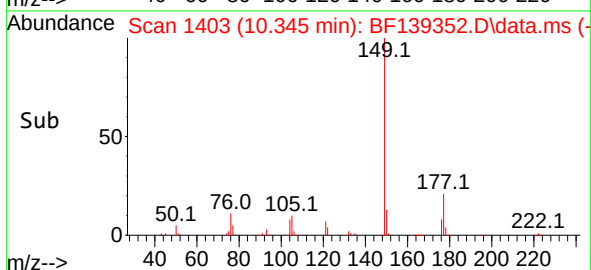
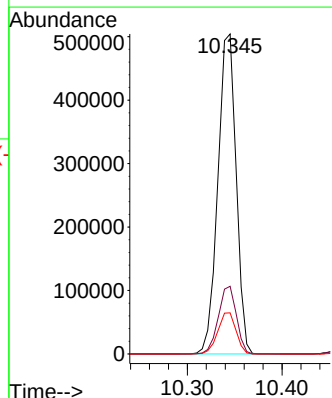
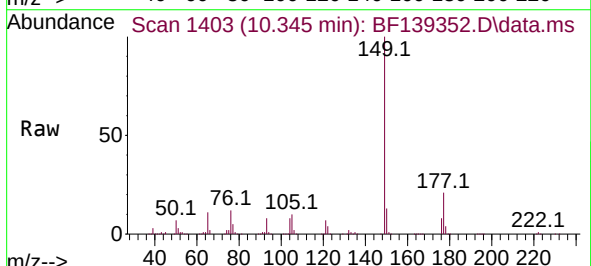
Reviewed By :Yogesh Patel 09/16/2024

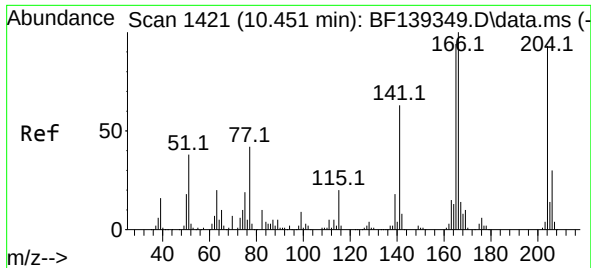
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 78.664 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

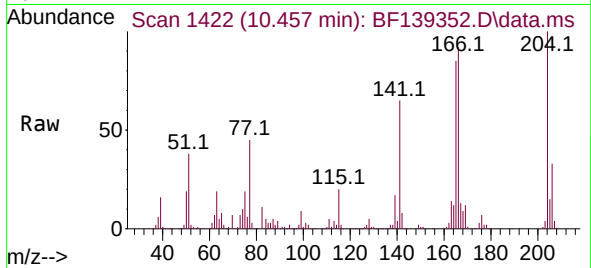
Tgt Ion:149 Resp: 676646
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.9 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 79.499 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

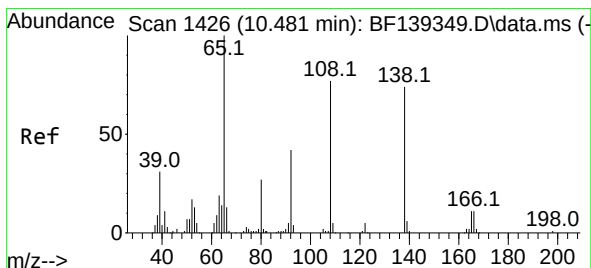
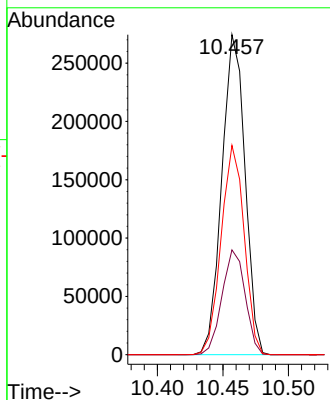
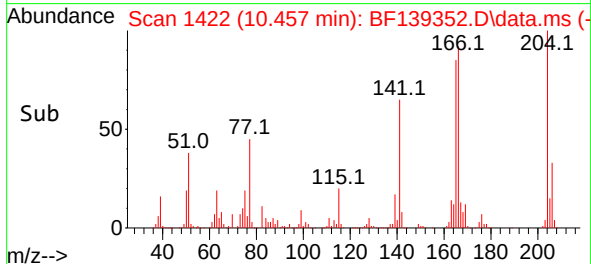
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



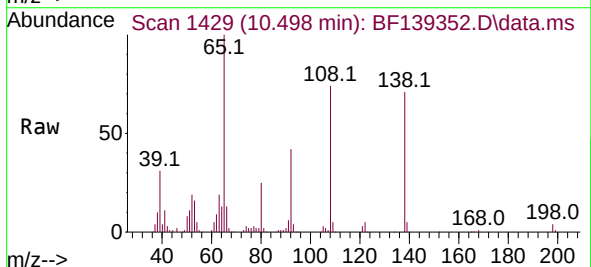
Tgt Ion:204 Resp: 337209
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 65.4 53.9 80.9

Manual Integrations
APPROVED

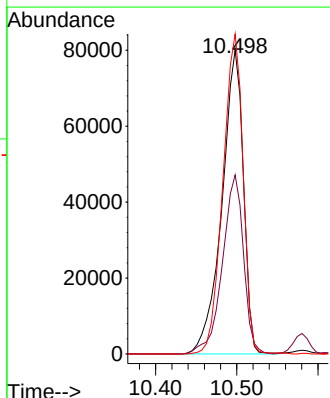
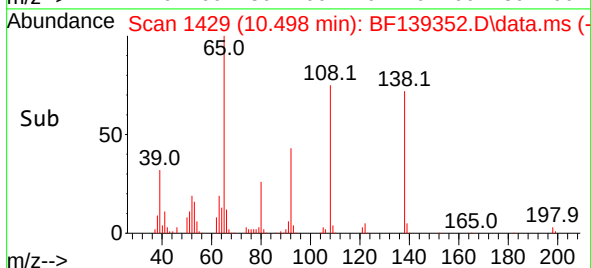
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

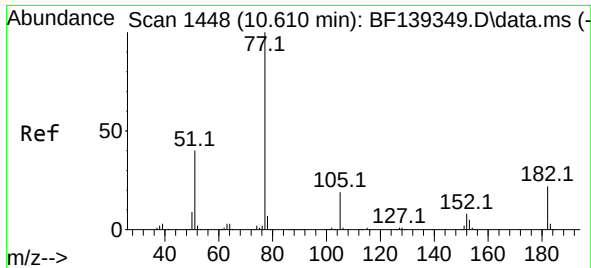


#62
4-Nitroaniline
Concen: 72.852 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:138 Resp: 146728
Ion Ratio Lower Upper
138 100
92 58.9 37.0 77.0
108 105.3 84.4 124.4





#63
Azobenzene
Concen: 78.600 ng
RT: 10.622 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

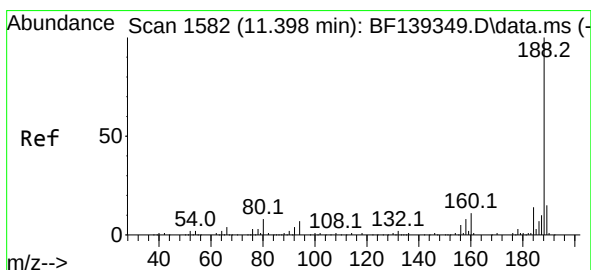
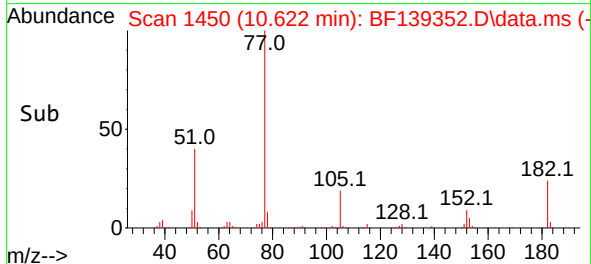
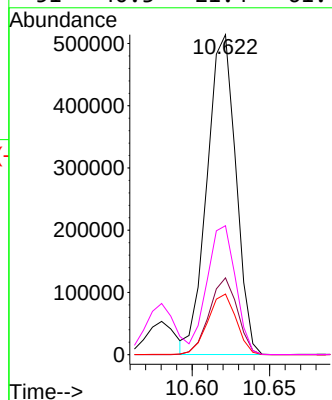
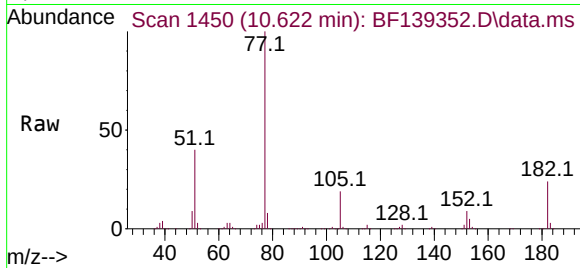
SSTDICC080

Tgt Ion: 77 Resp: 66498
Ion Ratio Lower Upper
77 100
182 24.0 1.8 41.8
105 18.9 0.0 38.6
51 40.3 21.4 61.4

Manual Integrations

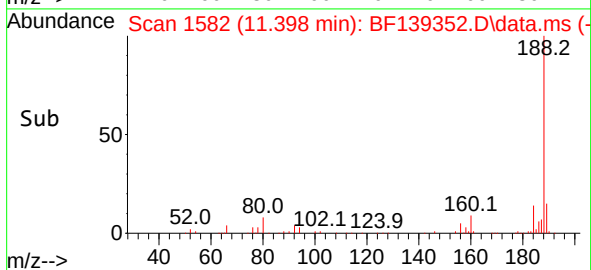
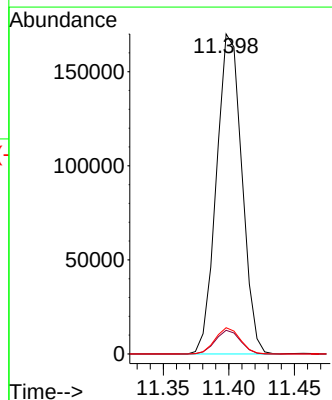
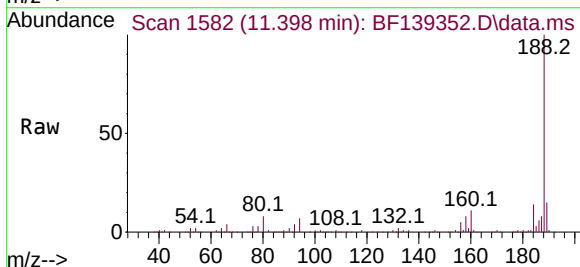
APPROVED

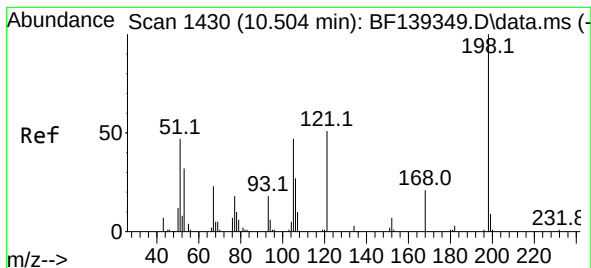
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

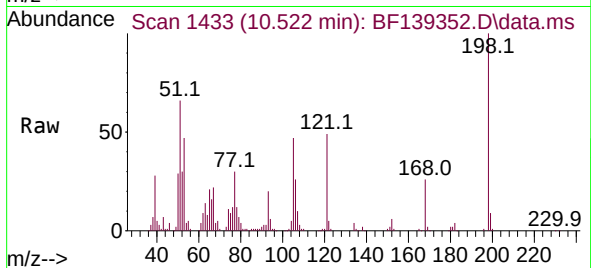
Tgt Ion:188 Resp: 229453
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.2 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 90.485 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

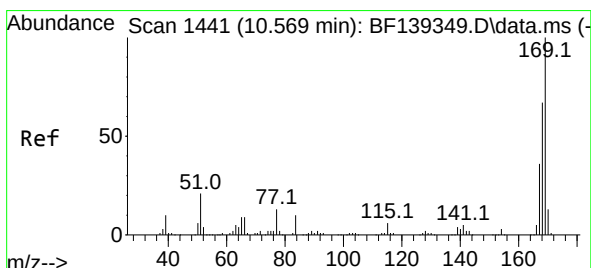
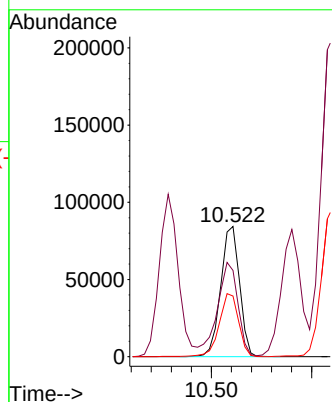
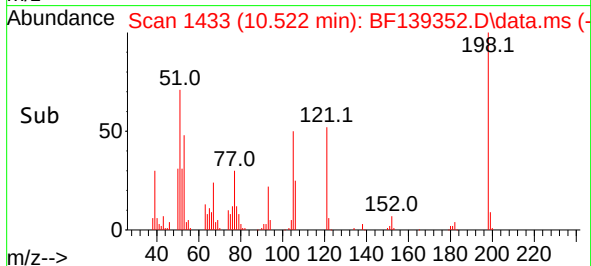
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



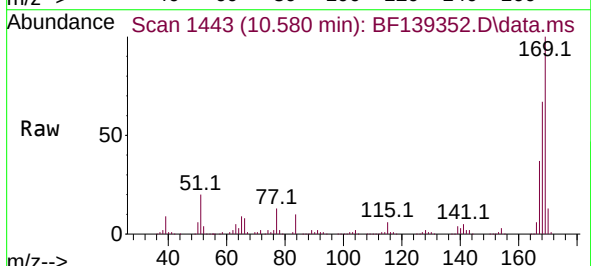
Tgt Ion:198 Resp: 109579
Ion Ratio Lower Upper
198 100
51 66.2 50.4 90.4
105 46.6 28.3 68.3

Manual Integrations
APPROVED

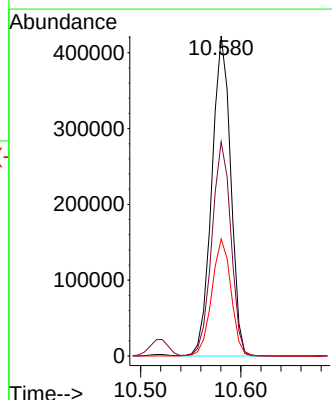
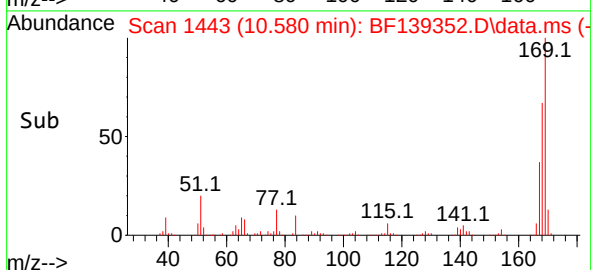
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

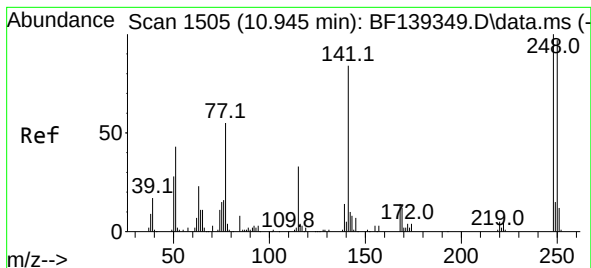


#66
n-Nitrosodiphenylamine
Concen: 82.225 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



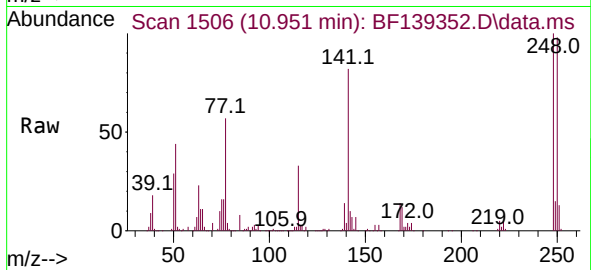
Tgt Ion:169 Resp: 551600
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 83.184 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

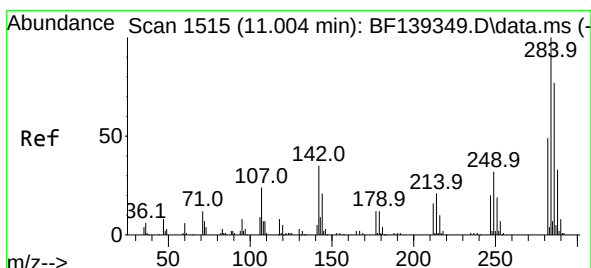
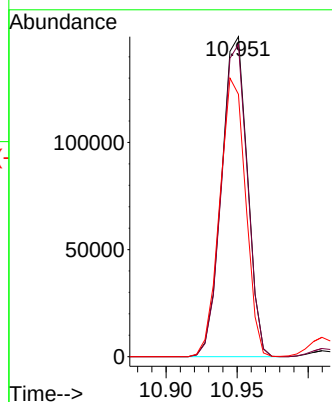
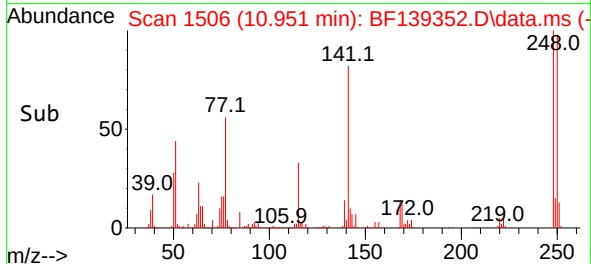
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



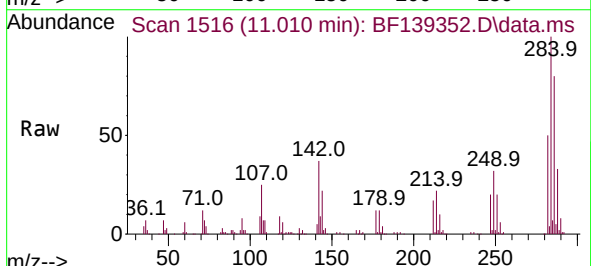
Tgt Ion:248 Resp: 189144
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 82.0 66.9 100.3

Manual Integrations
APPROVED

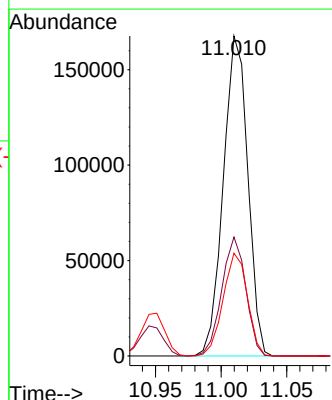
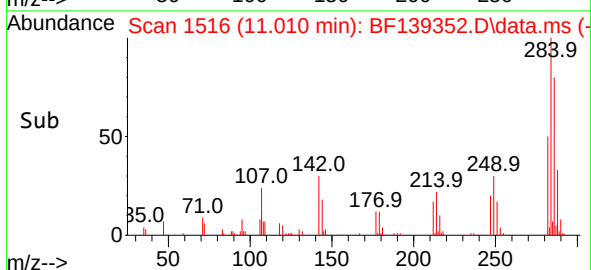
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

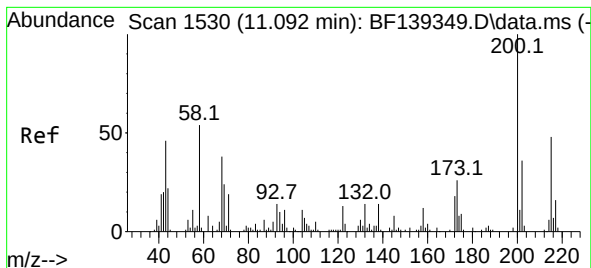


#68
Hexachlorobenzene
Concen: 81.487 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:284 Resp: 217457
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 32.1 25.3 37.9





#69

Atrazine

Concen: 65.847 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 10516

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

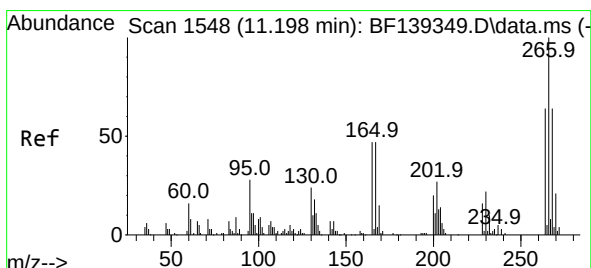
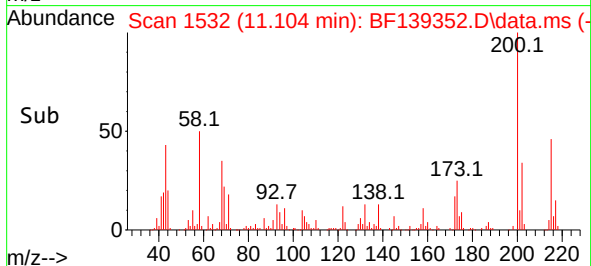
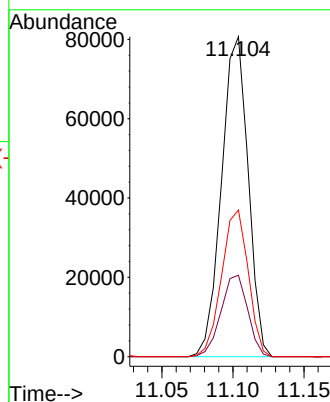
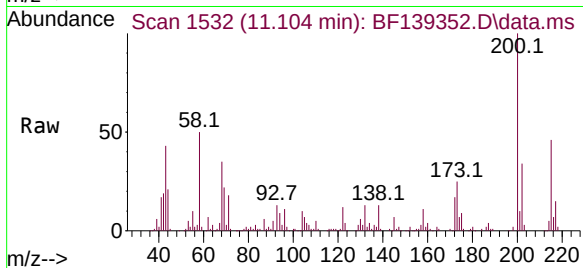
215 45.9 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 82.799 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

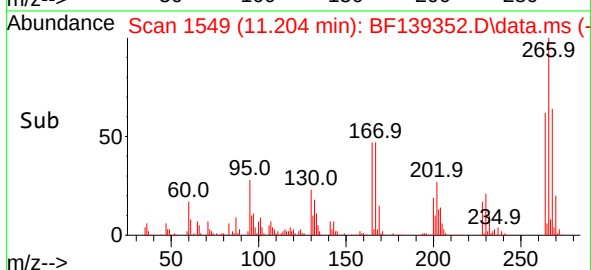
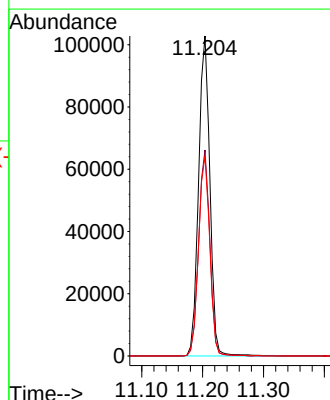
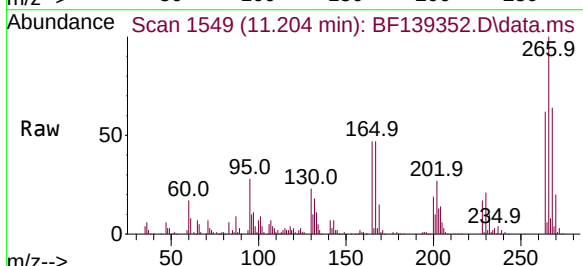
Tgt Ion:266 Resp: 132585

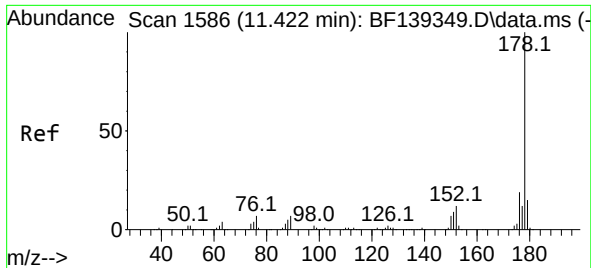
Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

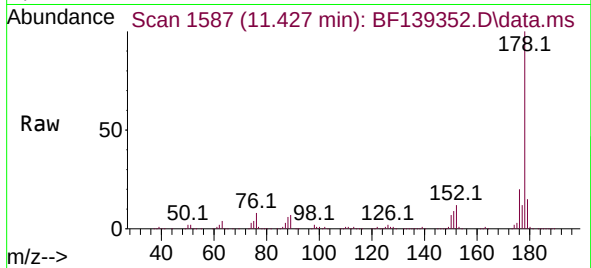
264 62.4 51.4 77.0





#71
Phenanthrene
Concen: 78.146 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

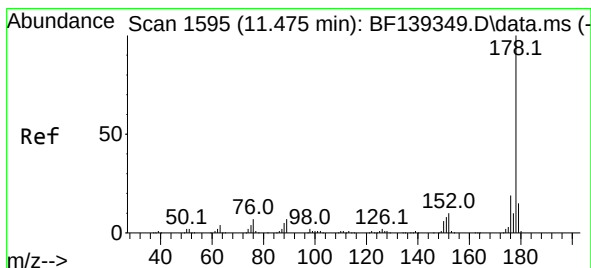
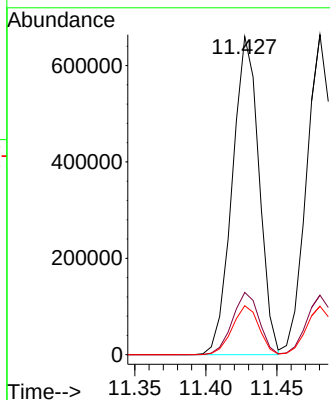
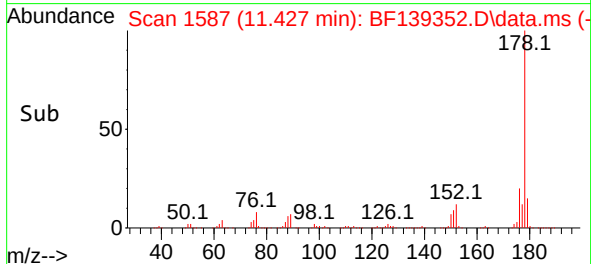
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 865088
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.4 12.2 18.4

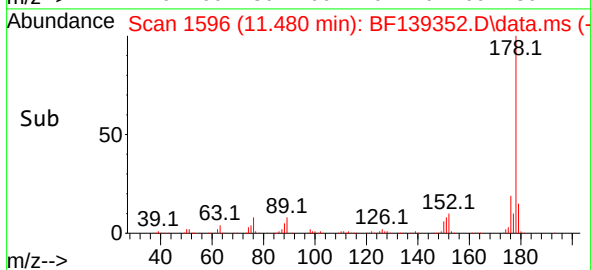
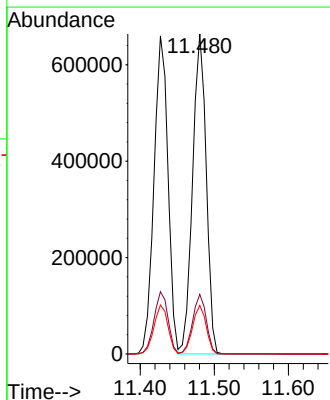
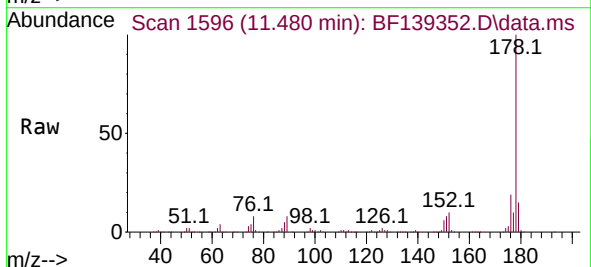
Manual Integrations
APPROVED

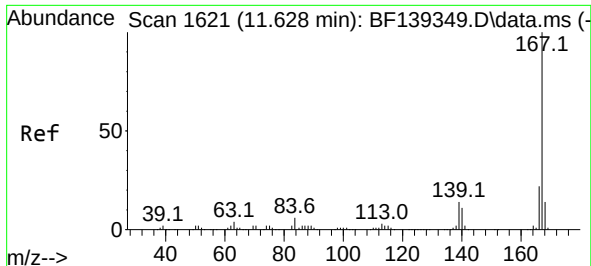
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 78.198 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

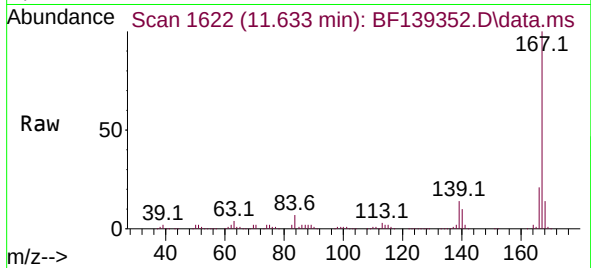
Tgt Ion:178 Resp: 846379
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.0 18.0





#73
Carbazole
Concen: 73.649 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

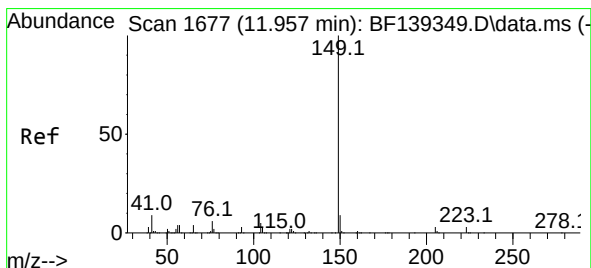
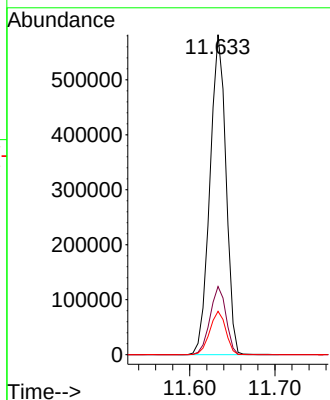
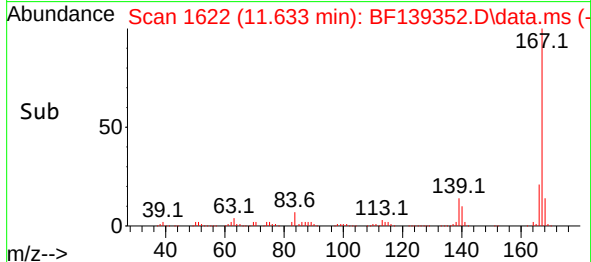
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



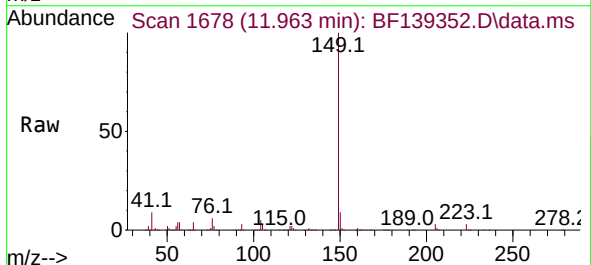
Tgt Ion:167 Resp: 762939
Ion Ratio Lower Upper
167 100
166 21.3 17.5 26.3
139 13.5 10.9 16.3

Manual Integrations
APPROVED

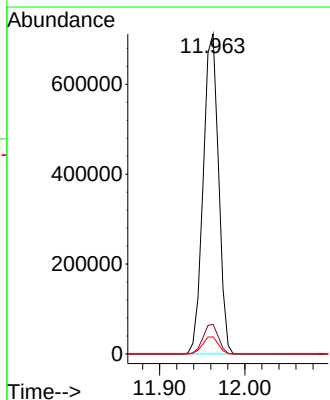
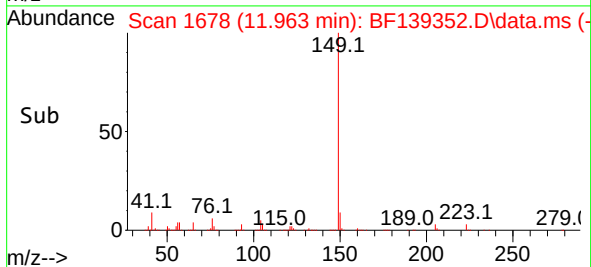
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

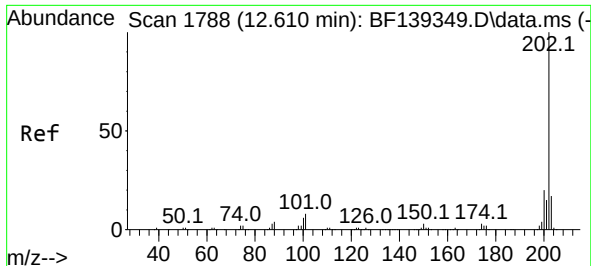


#74
Di-n-butylphthalate
Concen: 77.132 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



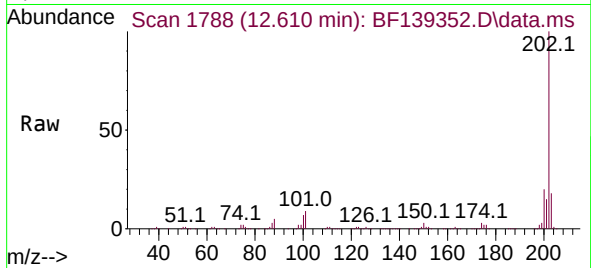
Tgt Ion:149 Resp: 890092
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 68.469 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

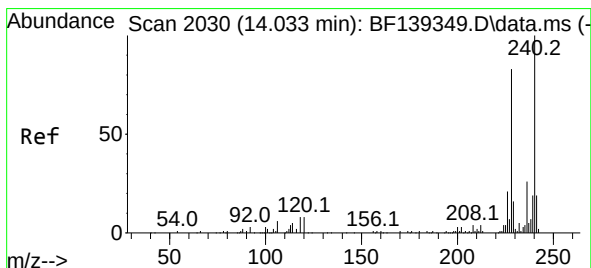
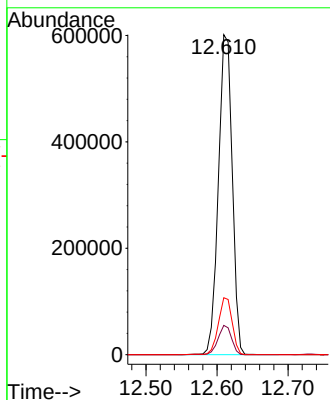
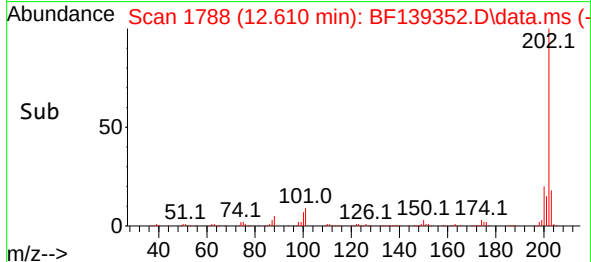
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 80943
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.7
203 17.8 0.0 37.4

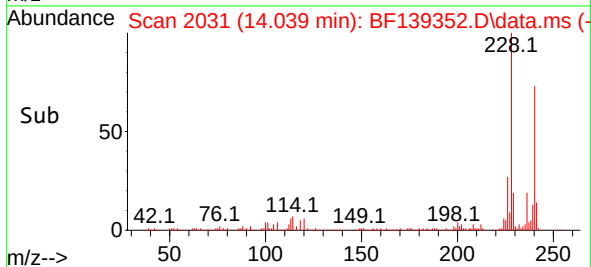
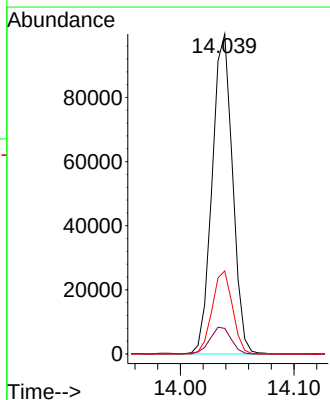
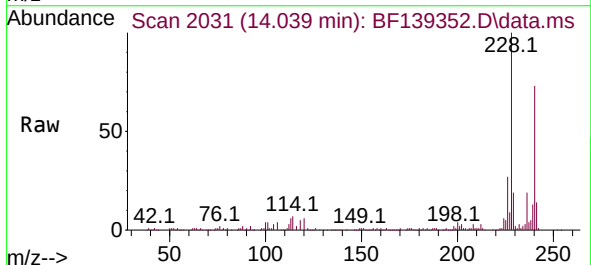
Manual Integrations
APPROVED

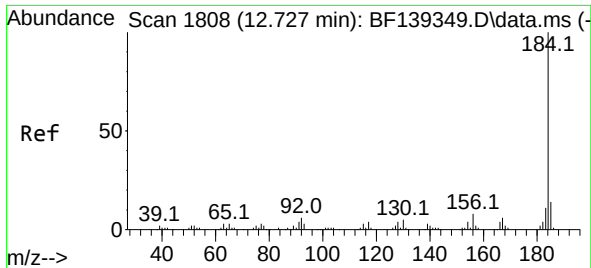
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

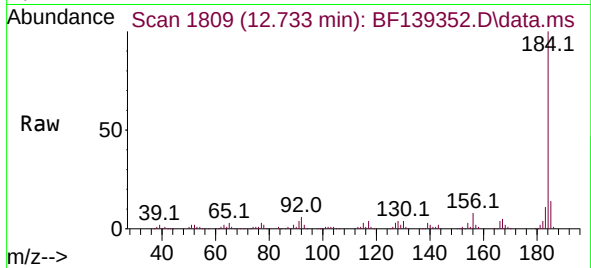
Tgt Ion:240 Resp: 124546
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.0 20.9 31.3





#77
Benzidine
Concen: 93.243 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

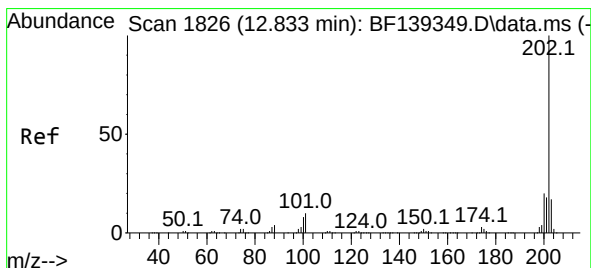
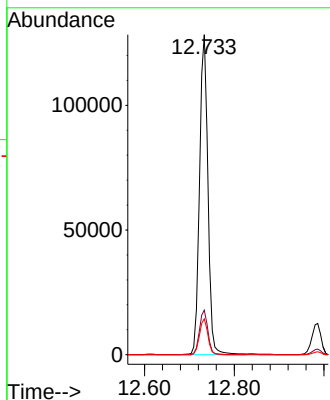
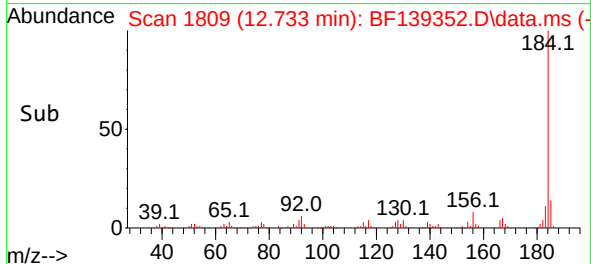
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 16638
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 11.2 8.9 13.3

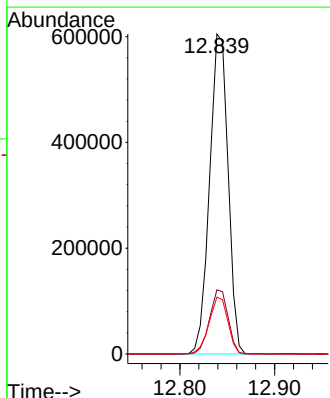
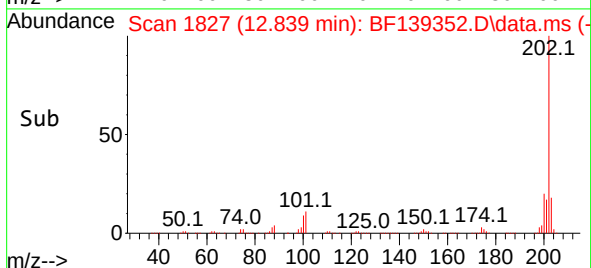
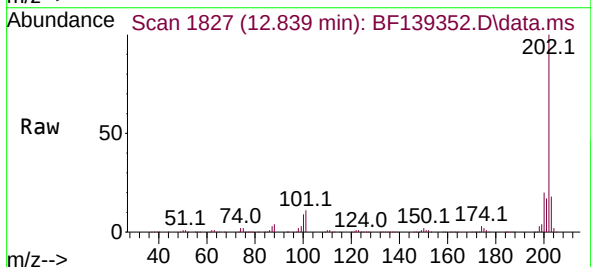
Manual Integrations
APPROVED

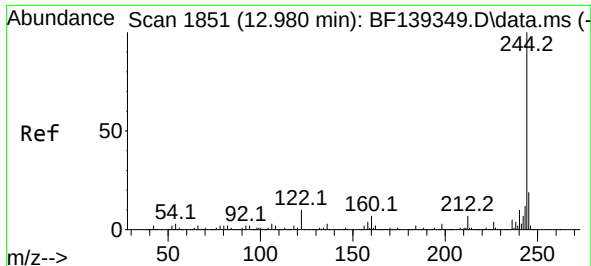
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#78
Pyrene
Concen: 76.737 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Tgt Ion:202 Resp: 820624
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.8 13.9 20.9





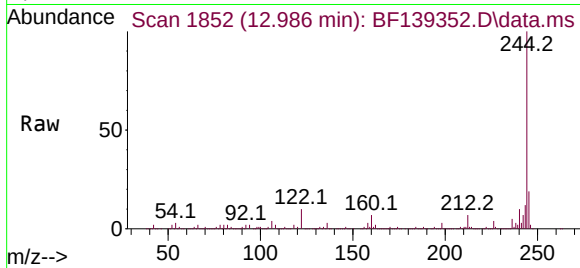
#79
 Terphenyl-d14
 Concen: 150.985 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139352.D
 Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



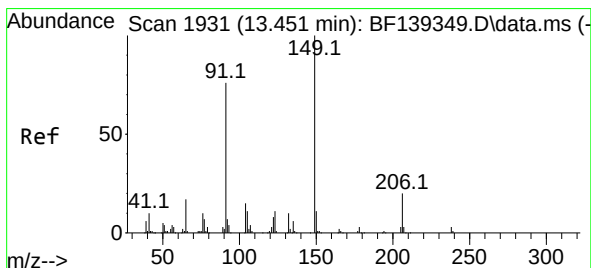
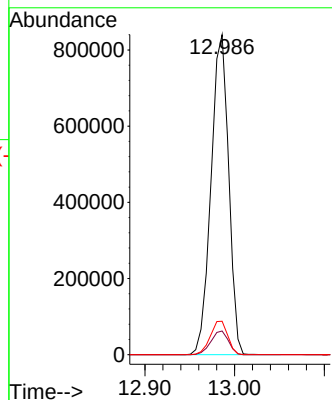
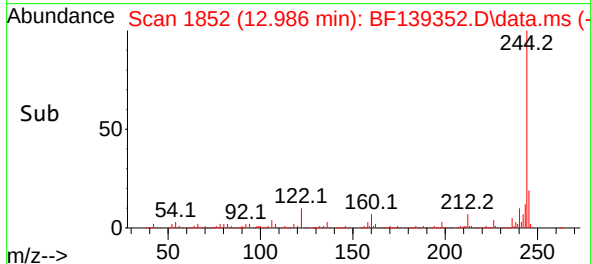
Tgt Ion:244 Resp: 114564
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.4 7.6 11.4

Manual Integrations

APPROVED

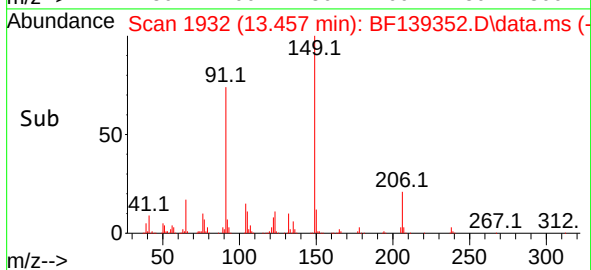
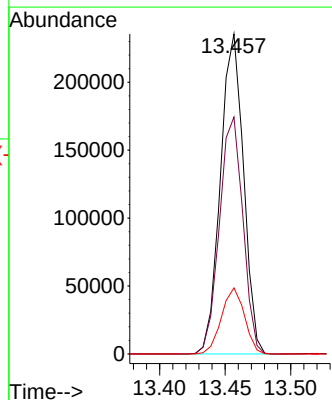
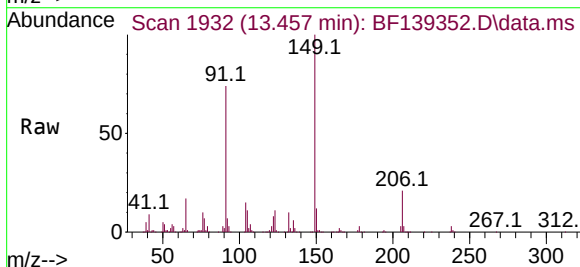
Reviewed By :Yogesh Patel 09/16/2024

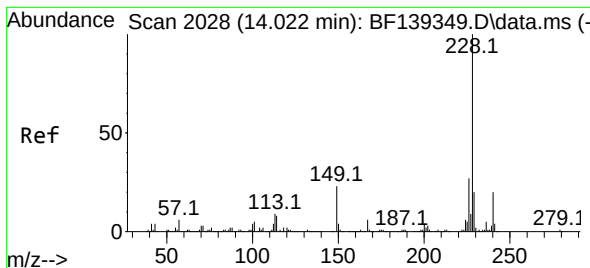
Supervised By :mohammad ahmed 09/16/2024



#80
 Butylbenzylphthalate
 Concen: 79.080 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139352.D
 Acq: 13 Sep 2024 19:44

Tgt Ion:149 Resp: 287851
 Ion Ratio Lower Upper
 149 100
 91 74.1 60.9 91.3
 206 20.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 79.532 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 656134

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

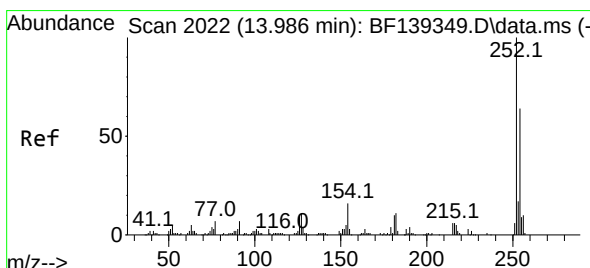
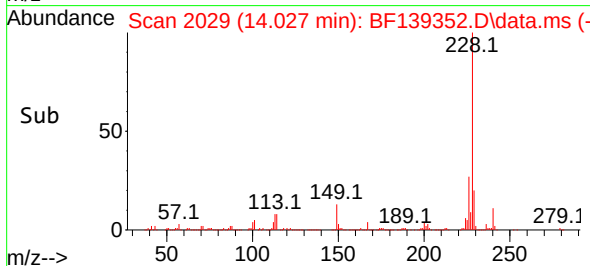
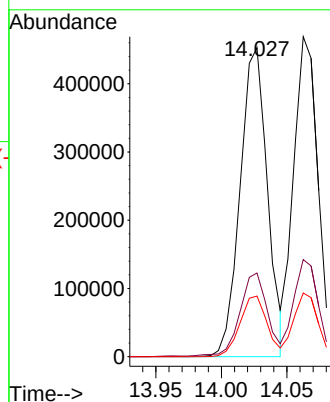
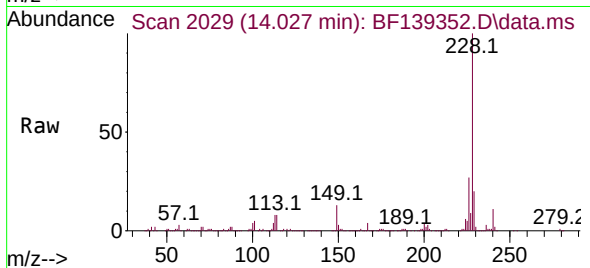
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 81.940 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

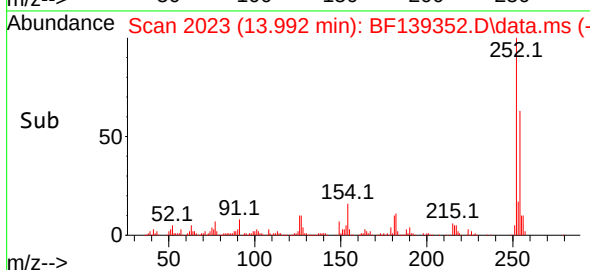
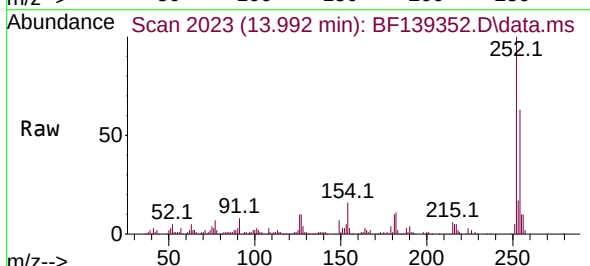
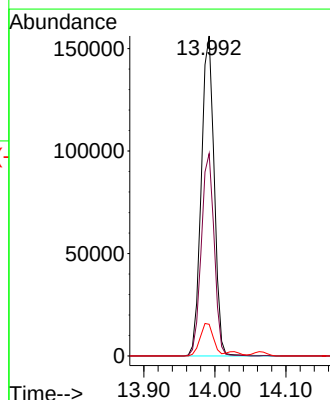
Tgt Ion:252 Resp: 197966

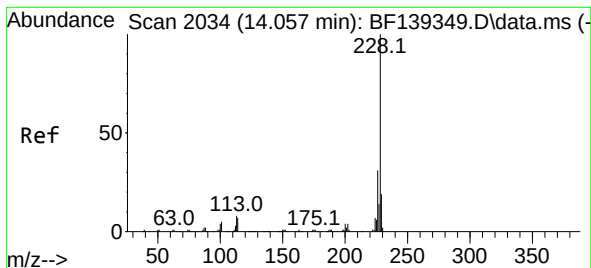
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.2

126 9.9 7.7 11.5





#83

Chrysene

Concen: 79.146 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

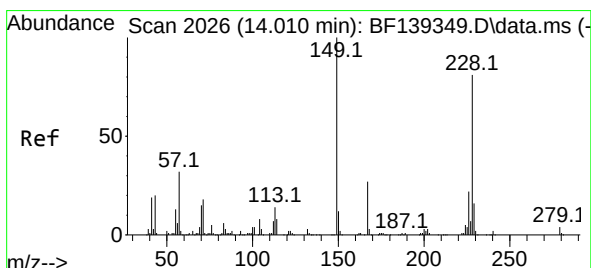
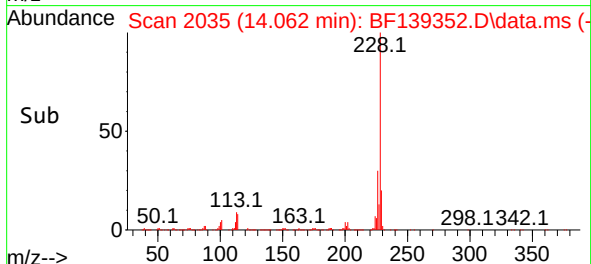
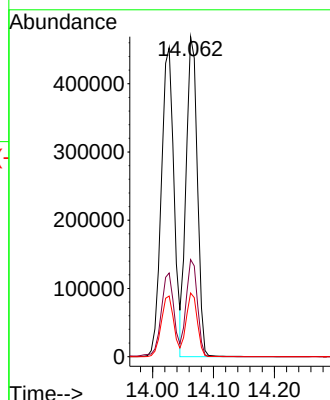
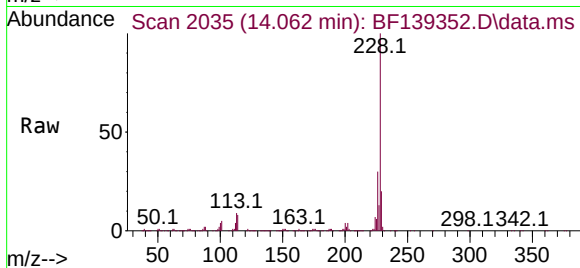
Tgt Ion:	228	Resp:	600714
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.1	36.1
229	19.9	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.454 ng

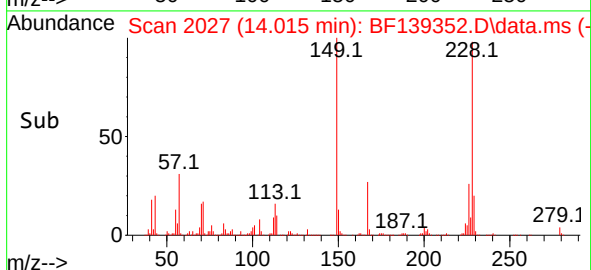
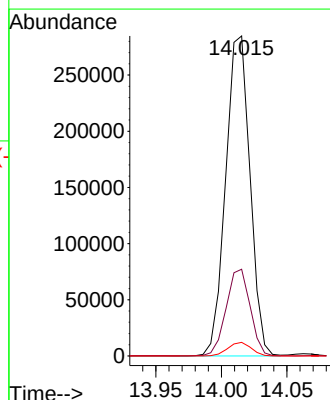
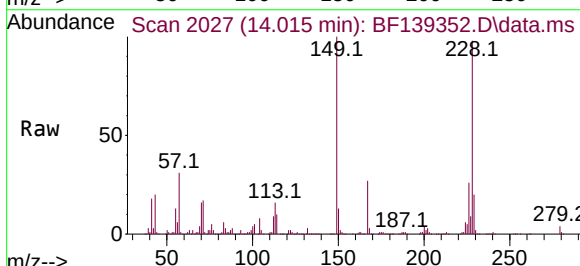
RT: 14.015 min Scan# 2027

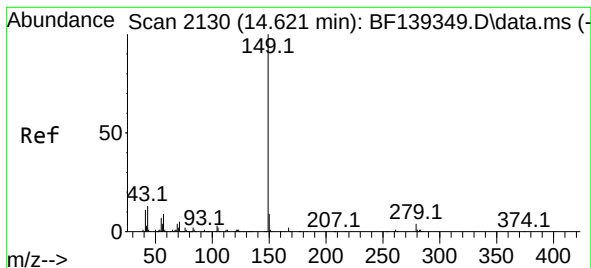
Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:	149	Resp:	367918
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.6	32.4
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 89.860 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 61279

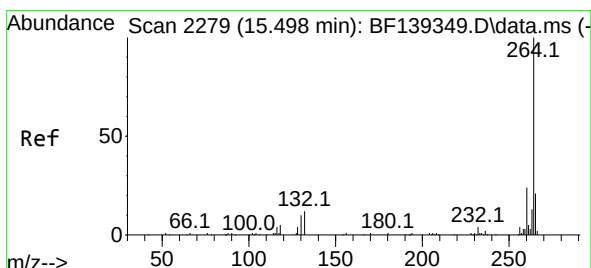
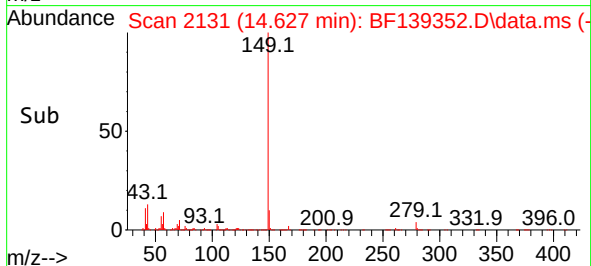
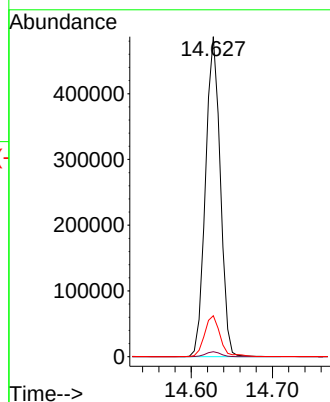
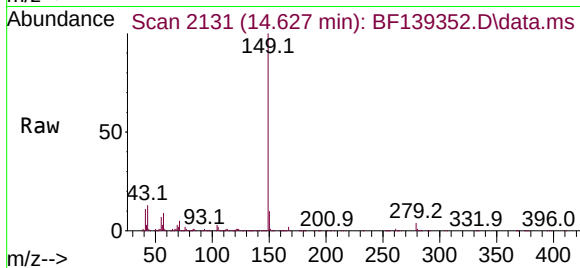
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.8	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

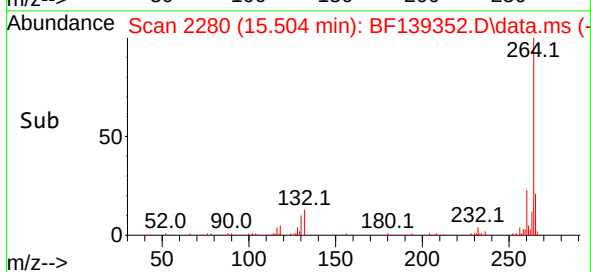
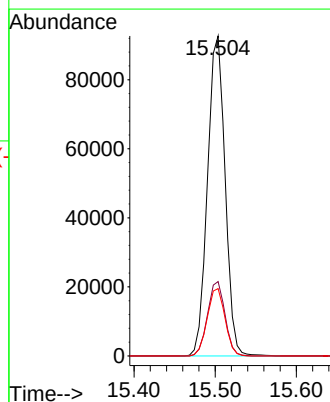
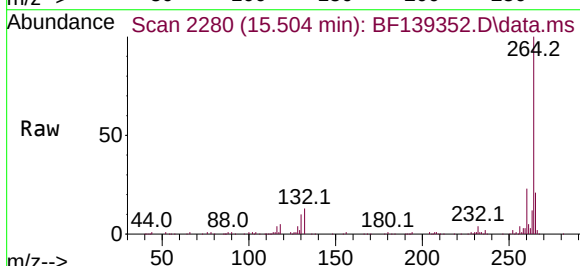
Delta R.T. 0.006 min

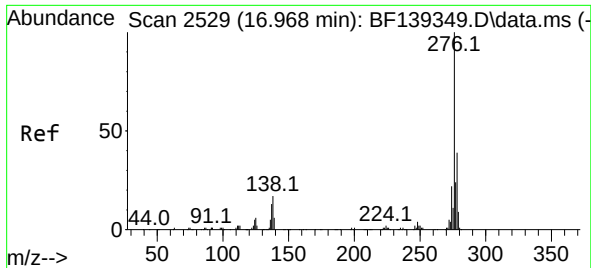
Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:264 Resp: 139312

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.0	16.6	25.0





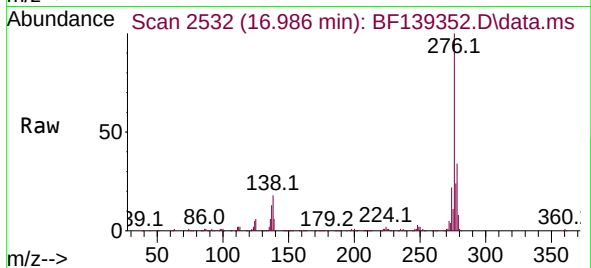
#87
Indeno(1,2,3-cd)pyrene
Concen: 83.439 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

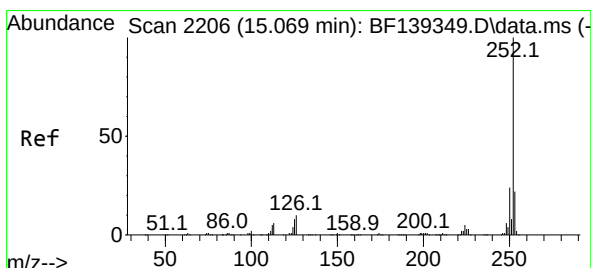
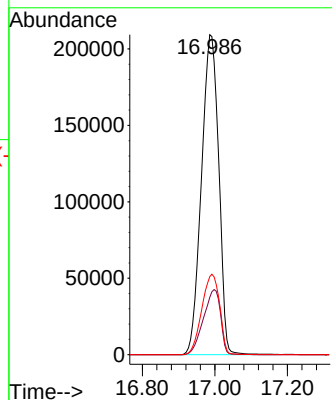
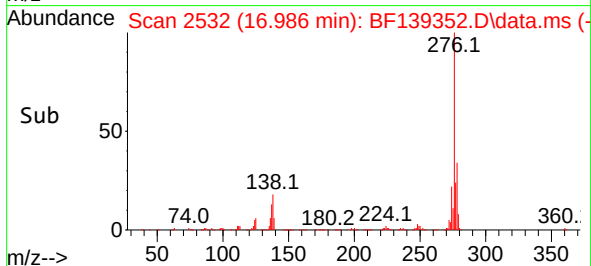


Tgt Ion:276 Resp: 691200
Ion Ratio Lower Upper
276 100
138 20.2 15.4 23.2
277 26.0 20.4 30.6

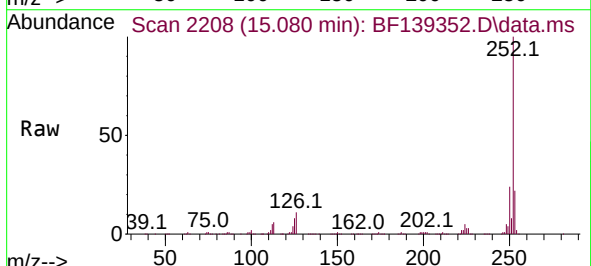
Manual Integrations

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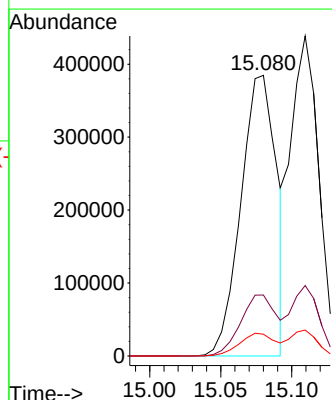
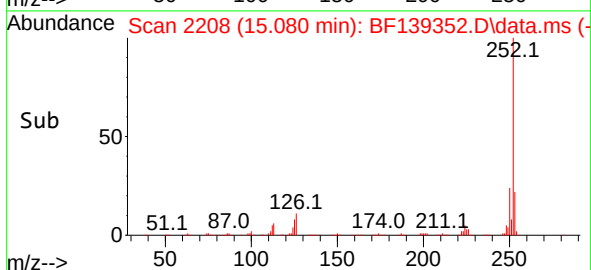
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

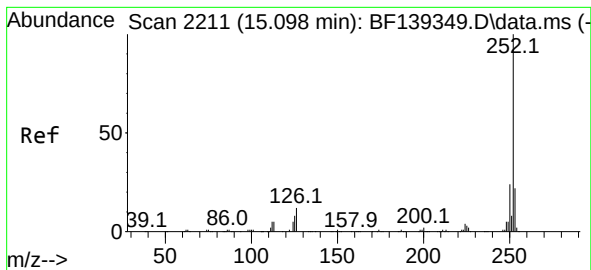


#88
Benzo(b)fluoranthene
Concen: 77.990 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139352.D
Acq: 13 Sep 2024 19:44



Tgt Ion:252 Resp: 670084
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 75.894 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 601230

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

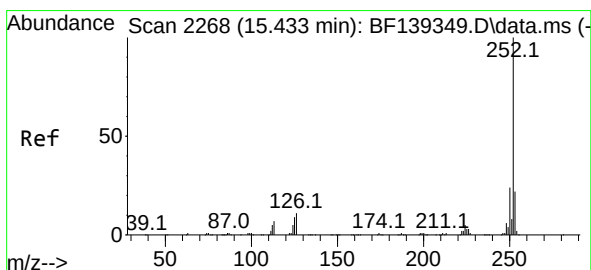
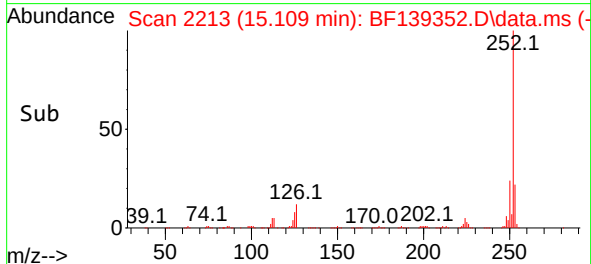
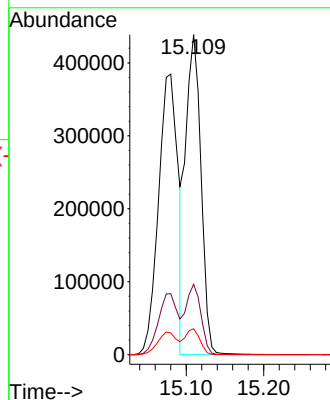
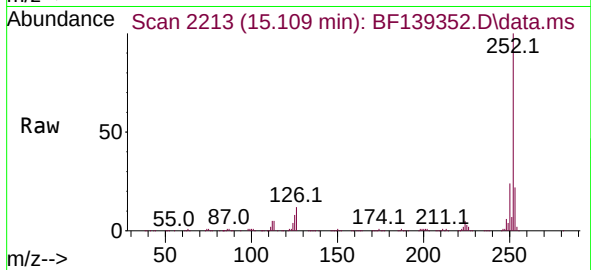
125 8.1 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 79.594 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

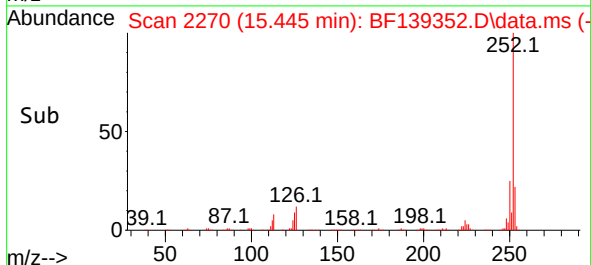
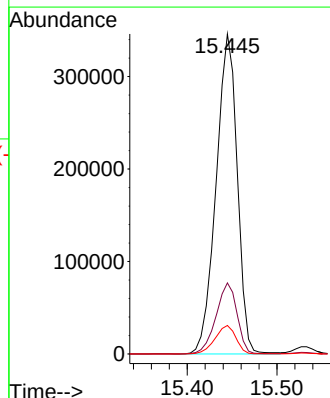
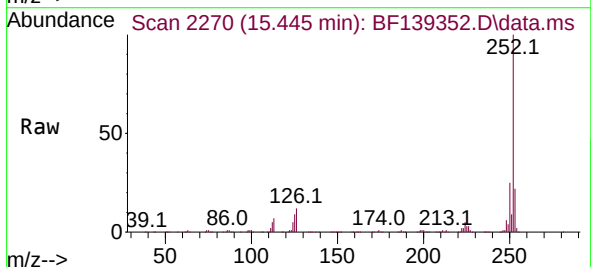
Tgt Ion:252 Resp: 567157

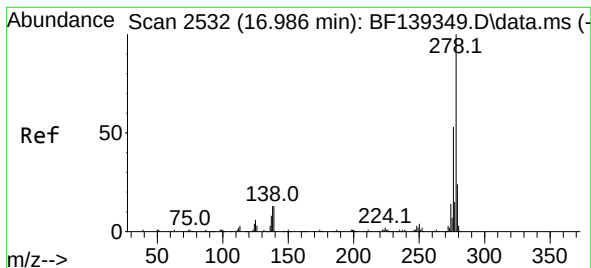
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.9 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 84.470 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 578214

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.2

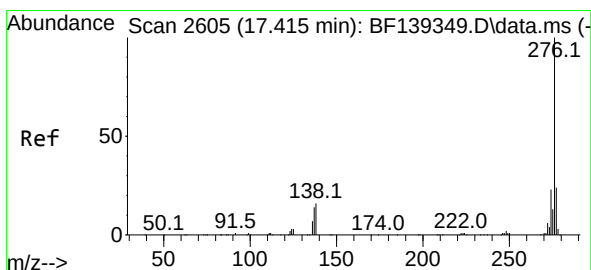
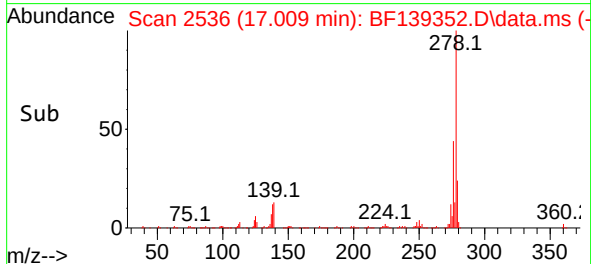
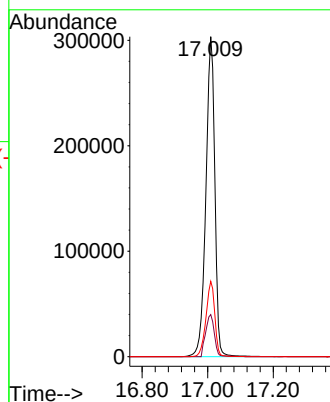
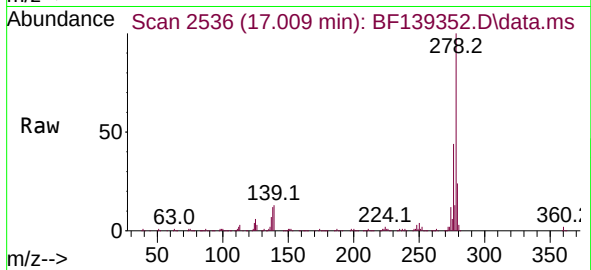
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 80.751 ng

RT: 17.439 min Scan# 2609

Delta R.T. 0.023 min

Lab File: BF139352.D

Acq: 13 Sep 2024 19:44

Tgt Ion:276 Resp: 547299

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 16.9 13.0 19.6

