

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139351.D
 Acq On : 13 Sep 2024 18:48
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:51:13 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	55187	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	200716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	112863	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	209240	20.000	ng	0.00
76) Chrysene-d12	14.033	240	110333	20.000	ng	0.00
86) Perylene-d12	15.498	264	118195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	415331	122.773	ng	0.00
7) Phenol-d6	6.516	99	546138	122.996	ng	0.01
23) Nitrobenzene-d5	7.446	82	533058	124.852	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145361	120.977	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	952524	118.368	ng	0.00
79) Terphenyl-d14	12.980	244	848949	126.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	76849	56.622	ng	99
3) Pyridine	3.410	79	184729	61.733	ng	99
4) n-Nitrosodimethylamine	3.387	42	161188	62.147	ng	98
6) Aniline	6.587	93	202424m	67.626	ng	
8) 2-Chlorophenol	6.669	128	214769	61.675	ng	99
9) Benzaldehyde	6.428	77	132592	54.521	ng	99
10) Phenol	6.528	94	276269	61.089	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	200653	58.376	ng	98
12) 1,3-Dichlorobenzene	6.822	146	239082	60.370	ng	99
13) 1,4-Dichlorobenzene	6.898	146	244302	61.044	ng	100
14) 1,2-Dichlorobenzene	7.051	146	232776	61.555	ng	99
15) Benzyl Alcohol	7.022	79	221254	62.456	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	320455	60.494	ng	100
17) 2-Methylphenol	7.134	107	169242	61.171	ng	99
18) Hexachloroethane	7.393	117	93527	61.356	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	163864	62.276	ng	100
20) 3+4-Methylphenols	7.287	107	235065	62.275	ng	97
22) Acetophenone	7.293	105	324964	61.930	ng	99
24) Nitrobenzene	7.469	77	269729	61.382	ng	98
25) Isophorone	7.704	82	414323	61.360	ng	99
26) 2-Nitrophenol	7.781	139	110946	64.806	ng	97
27) 2,4-Dimethylphenol	7.816	122	141588	62.698	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	235849	61.287	ng	98
29) 2,4-Dichlorophenol	8.022	162	177157	61.752	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	202649	60.625	ng	98
31) Naphthalene	8.187	128	647769	61.819	ng	100
32) Benzoic acid	7.951	122	141779m	66.826	ng	
33) 4-Chloroaniline	8.240	127	200192	62.450	ng	99
34) Hexachlorobutadiene	8.298	225	136795	60.236	ng	99
35) Caprolactam	8.616	113	53730	60.885	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	202047	61.625	ng	99
37) 2-Methylnaphthalene	8.875	142	406699	61.148	ng	99
38) 1-Methylnaphthalene	8.975	142	397859	60.930	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	202263	60.469	ng	99
41) Hexachlorocyclopentadiene	9.028	237	70369	60.253	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	130460	59.949	ng	100

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Reviewed By :Yogesh Patel 09/16/2024
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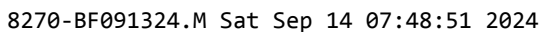
Quant Time: Sep 14 02:51:13 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	139041	60.571	ng	98
46) 1,1'-Biphenyl	9.339	154	511379	58.895	ng	98
47) 2-Chloronaphthalene	9.363	162	391037	60.232	ng	99
48) 2-Nitroaniline	9.457	65	149834	62.050	ng	96
49) Acenaphthylene	9.781	152	581764	59.530	ng	100
50) Dimethylphthalate	9.639	163	444695	60.032	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100225	61.074	ng	98
52) Acenaphthene	9.951	154	411189	60.286	ng	100
53) 3-Nitroaniline	9.869	138	101406	61.832	ng	97
54) 2,4-Dinitrophenol	9.975	184	61109	71.035	ng	96
55) Dibenzofuran	10.122	168	570033	59.962	ng	98
56) 4-Nitrophenol	10.022	139	81369	59.961	ng	100
57) 2,4-Dinitrotoluene	10.104	165	137354	61.996	ng	98
58) Fluorene	10.463	166	460625	59.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	113758	59.907	ng	99
60) Diethylphthalate	10.339	149	455793	59.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225124	59.721	ng	98
62) 4-Nitroaniline	10.486	138	106344	59.413	ng	97
63) Azobenzene	10.616	77	444825	59.162	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	74857	67.785	ng	98
66) n-Nitrosodiphenylamine	10.575	169	372758	60.933	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	129218	62.319	ng	99
68) Hexachlorobenzene	11.010	284	148250	60.920	ng	99
69) Atrazine	11.098	200	71742	49.261	ng	97
70) Pentachlorophenol	11.198	266	93555	64.069	ng	98
71) Phenanthrene	11.428	178	608434	60.271	ng	100
72) Anthracene	11.475	178	600764	60.867	ng	99
73) Carbazole	11.628	167	555046	58.756	ng	100
74) Di-n-butylphthalate	11.957	149	643092	61.112	ng	99
75) Fluoranthene	12.610	202	602672	55.904	ng	99
77) Benzidine	12.727	184	132597	83.882	ng	100
78) Pyrene	12.839	202	589589	62.235	ng	99
80) Butylbenzylphthalate	13.457	149	198939	61.694	ng	97
81) Benzo(a)anthracene	14.022	228	434291	59.423	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	135151	63.146	ng	98
83) Chrysene	14.063	228	411164	61.151	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	251863	61.398	ng	99
85) Di-n-octyl phthalate	14.627	149	398431	65.952	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	465613	66.249	ng	99
88) Benzo(b)fluoranthene	15.074	252	431051	59.133	ng	100
89) Benzo(k)fluoranthene	15.104	252	398460	59.285	ng	99
90) Benzo(a)pyrene	15.439	252	374337	61.920	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	393346	67.730	ng	99
92) Benzo(g,h,i)perylene	17.427	276	377847	65.709	ng	99

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

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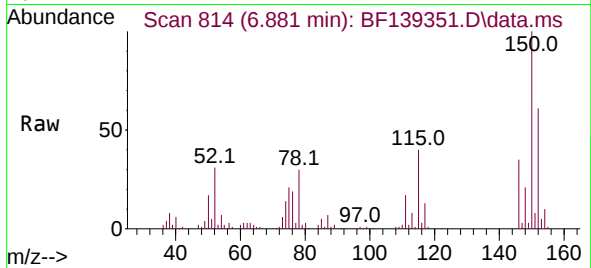
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

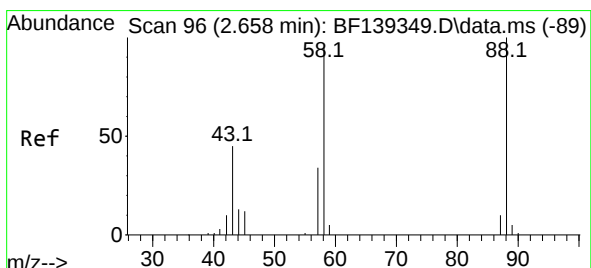
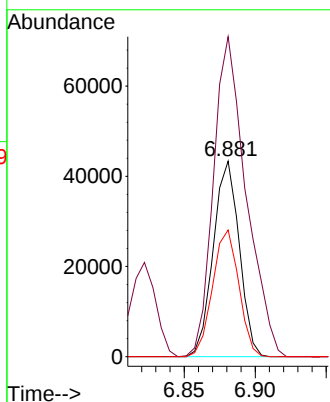
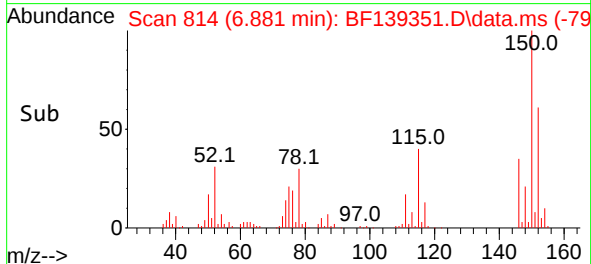


Tgt Ion:152 Resp: 5518
Ion Ratio Lower Upper
152 100
150 163.7 124.1 186.1
115 64.9 48.1 72.1

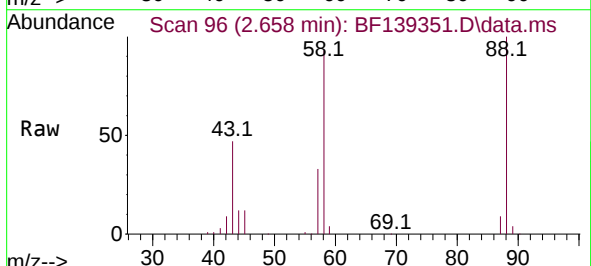
Manual Integrations

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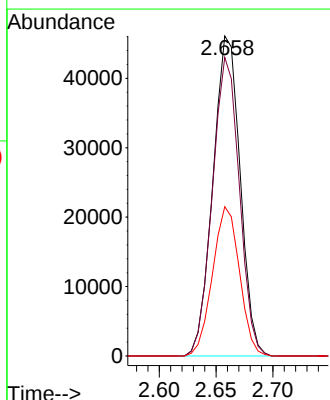
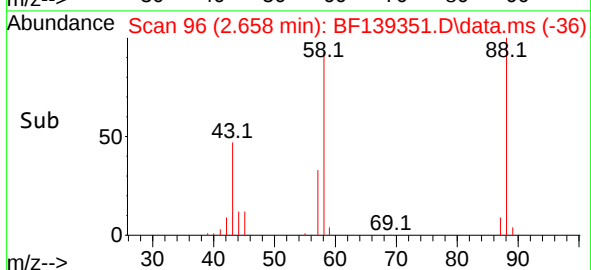
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

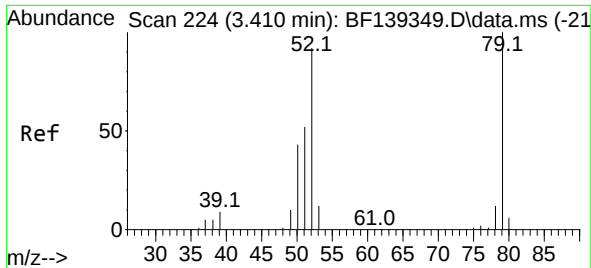


#2
1,4-Dioxane
Concen: 56.622 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion: 88 Resp: 76849
Ion Ratio Lower Upper
88 100
58 92.3 74.8 112.2
43 46.2 36.4 54.6





#3

Pyridine

Concen: 61.733 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 184729

Ion Ratio Lower Upper

79 100

52 91.9 73.8 110.8

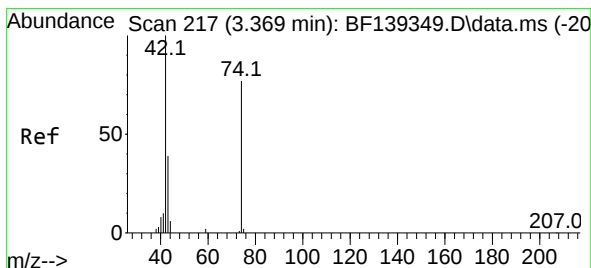
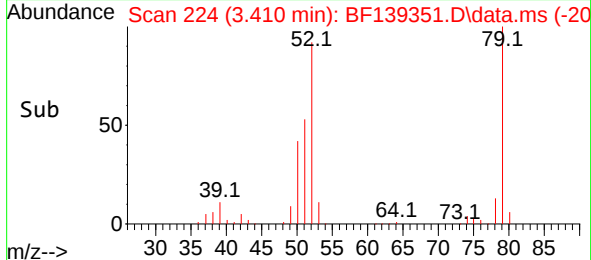
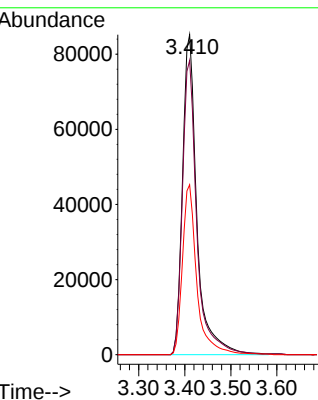
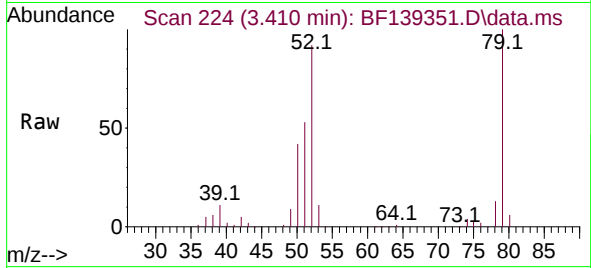
51 53.1 41.8 62.6

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Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 62.147 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.018 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

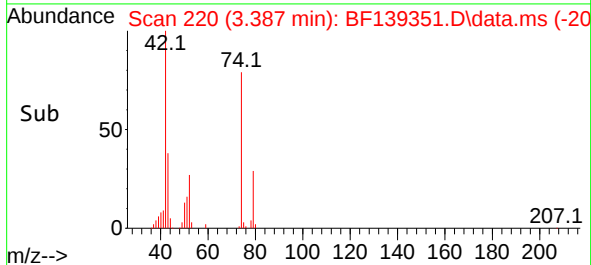
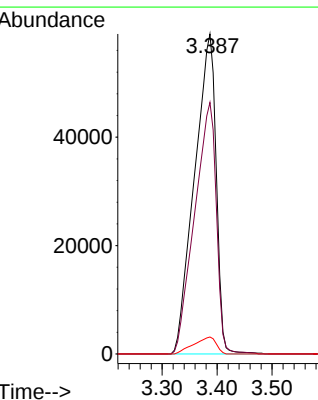
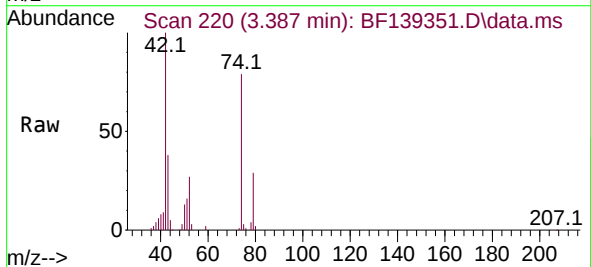
Tgt Ion: 42 Resp: 161188

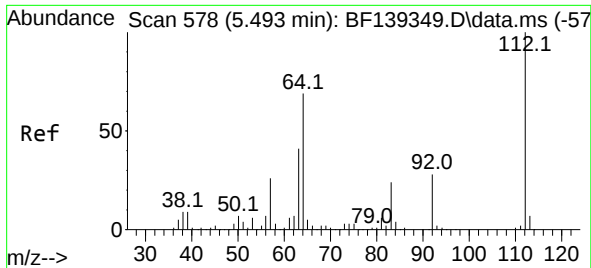
Ion Ratio Lower Upper

42 100

74 78.6 61.8 92.8

44 5.3 4.8 7.2





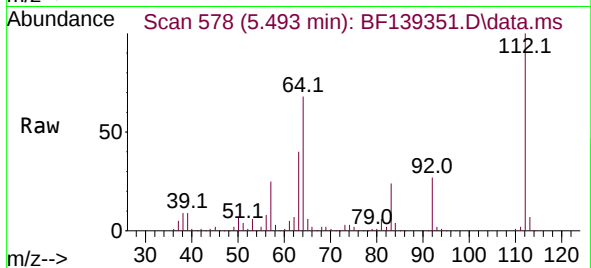
#5
2-Fluorophenol
Concen: 122.773 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

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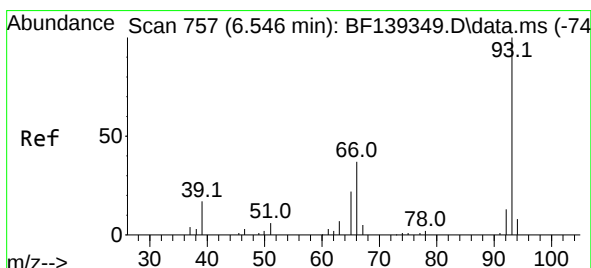
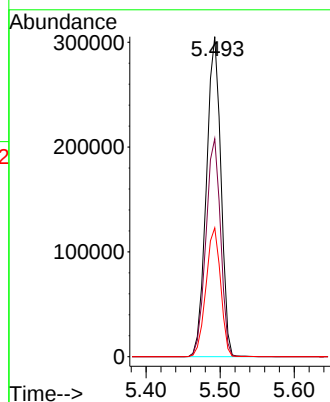
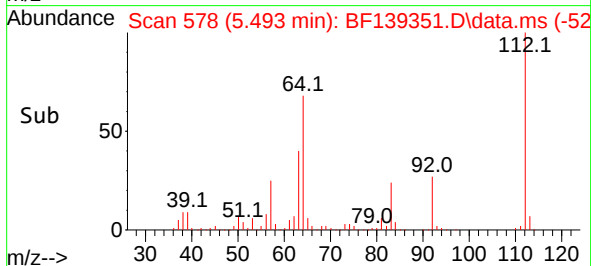
Tgt Ion:112 Resp: 41533
Ion Ratio Lower Upper
112 100
64 68.1 54.8 82.2
63 40.3 33.0 49.4

Manual Integrations

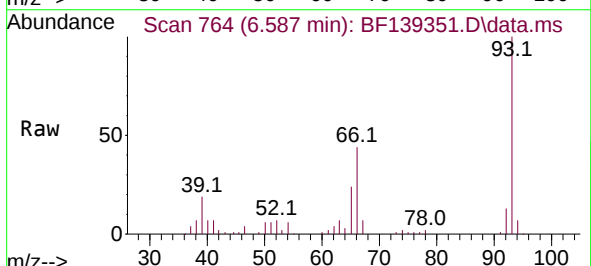
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Reviewed By :Yogesh Patel 09/16/2024

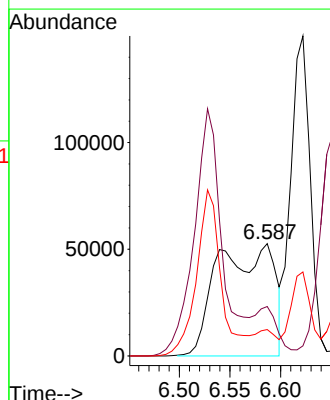
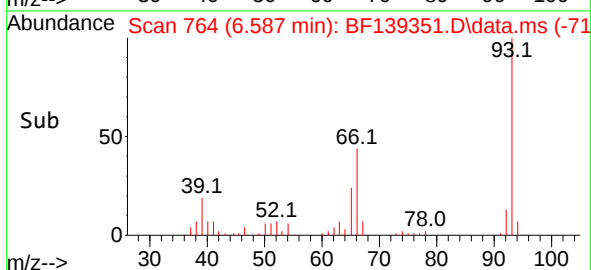
Supervised By :mohammad ahmed 09/16/2024



#6
Aniline
Concen: 67.626 ng m
RT: 6.587 min Scan# 764
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



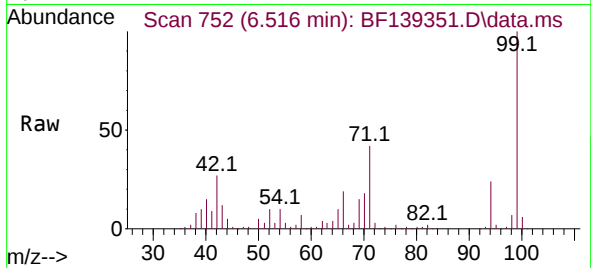
Tgt Ion: 93 Resp: 202424
Ion Ratio Lower Upper
93 100
66 44.0 35.4 53.0
65 23.5 18.2 27.4





#7
Phenol-d6
Concen: 122.996 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

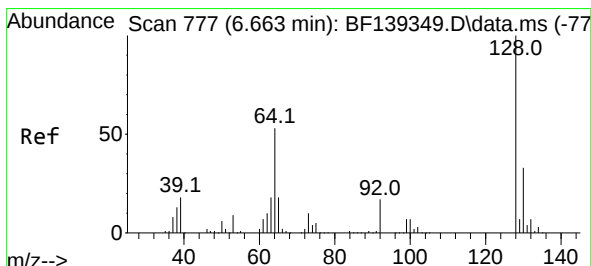
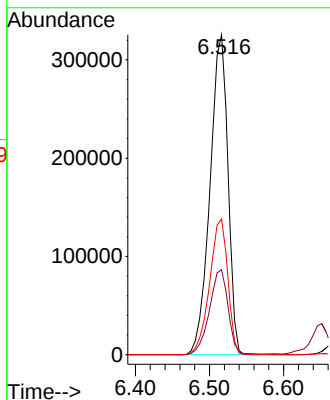
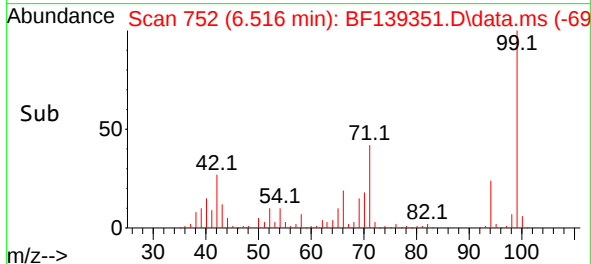
Instrument :
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ClientSampleId :
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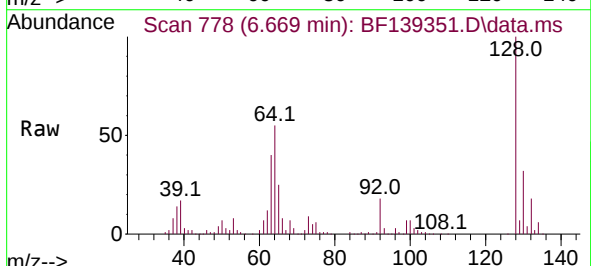
Tgt Ion: 99 Resp: 546138
Ion Ratio Lower Upper
99 100
42 26.5 21.9 32.9
71 42.4 34.6 52.0

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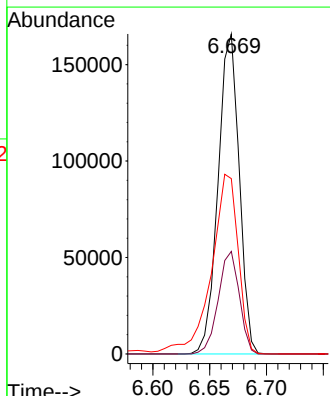
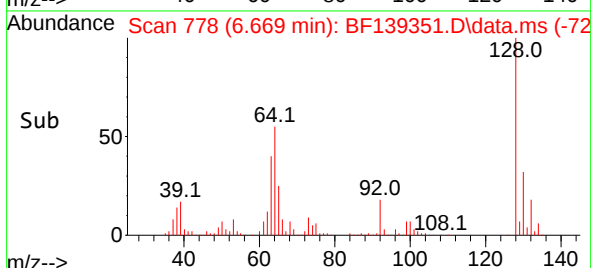
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#8
2-Chlorophenol
Concen: 61.675 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:128 Resp: 214769
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 54.8 35.1 75.1





#9
Benzaldehyde
Concen: 54.521 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

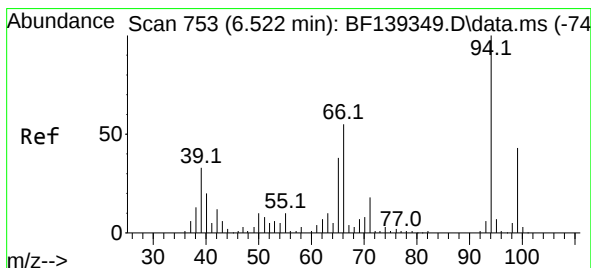
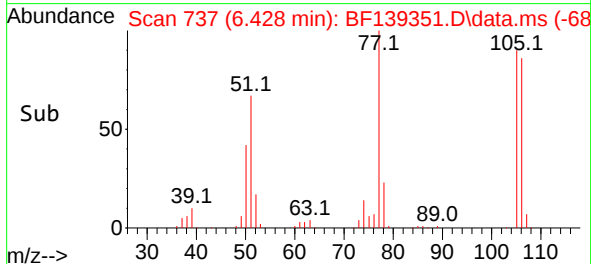
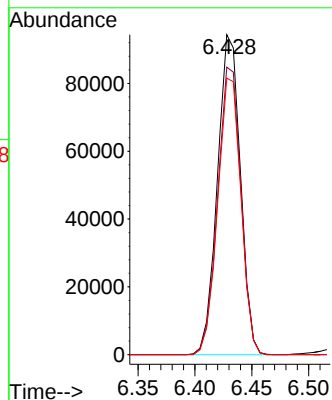
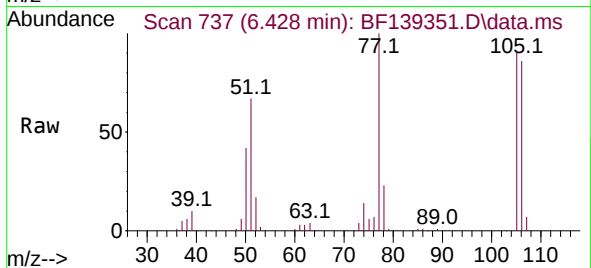
SSTDICC060

Tgt Ion: 77 Resp: 132592
Ion Ratio Lower Upper
77 100
105 89.8 71.0 111.0
106 86.4 64.9 104.9

Manual Integrations

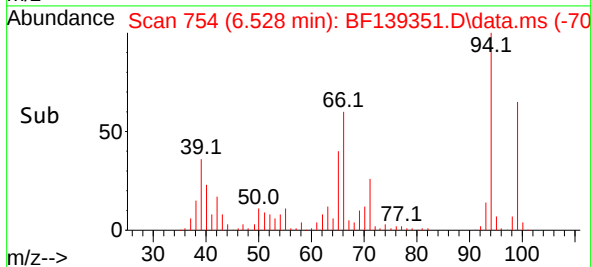
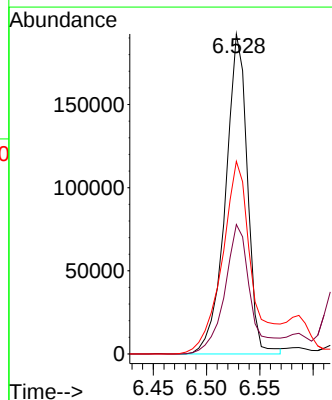
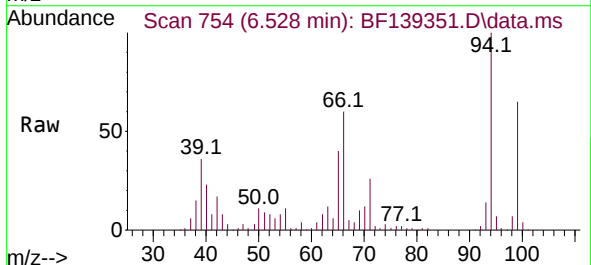
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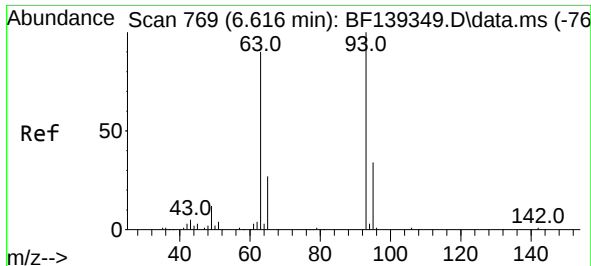
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 61.089 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 94 Resp: 276269
Ion Ratio Lower Upper
94 100
65 40.5 17.6 57.6
66 60.2 35.2 75.2





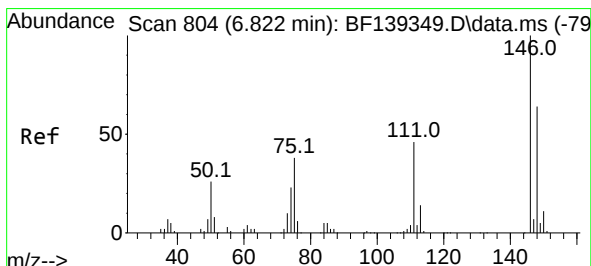
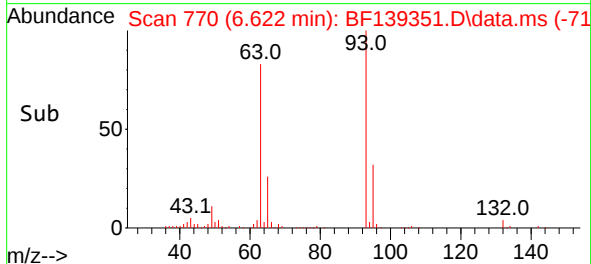
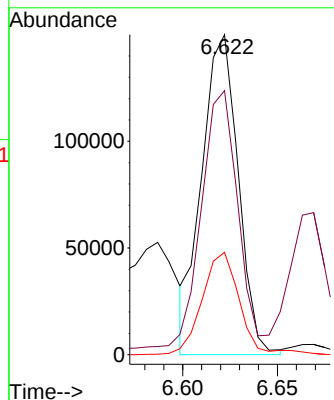
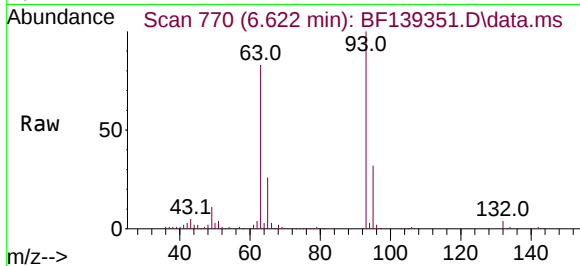
#11
bis(2-Chloroethyl)ether
Concen: 58.376 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 20065
Ion Ratio Lower Upper
93 100
63 82.5 65.3 105.3
95 32.0 12.4 52.4

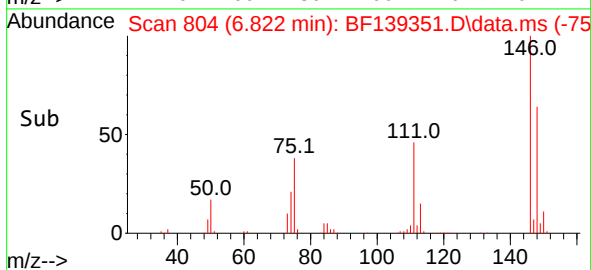
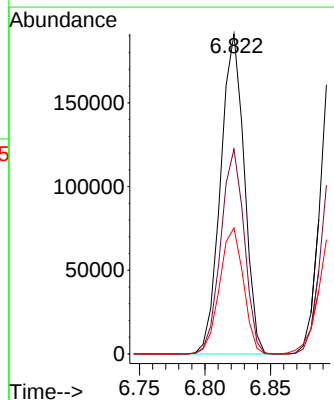
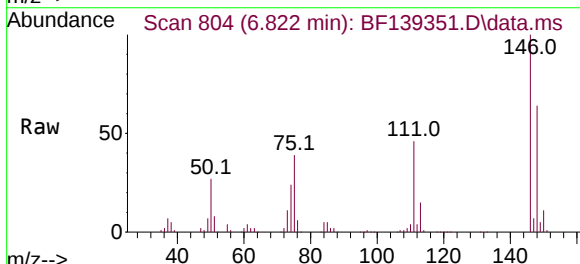
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 60.370 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:146 Resp: 239082
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 39.4 30.6 46.0





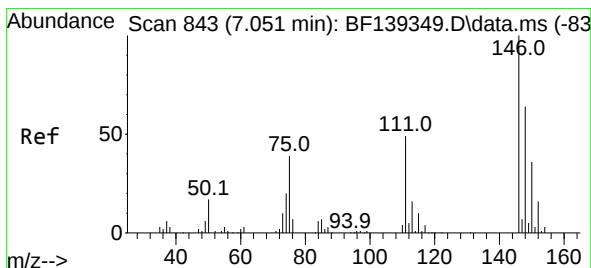
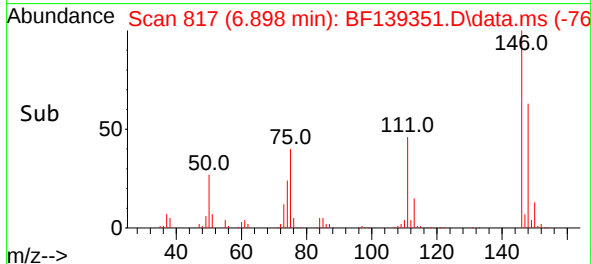
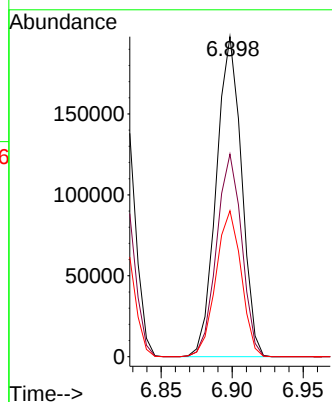
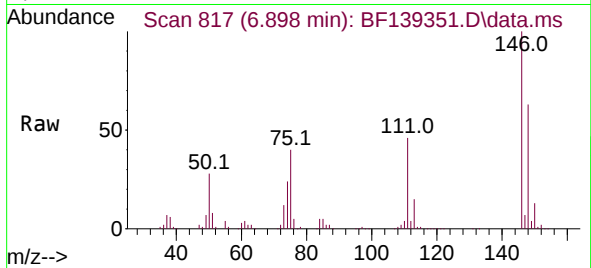
#13
1,4-Dichlorobenzene
Concen: 61.044 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 244302
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 45.6 36.3 54.5

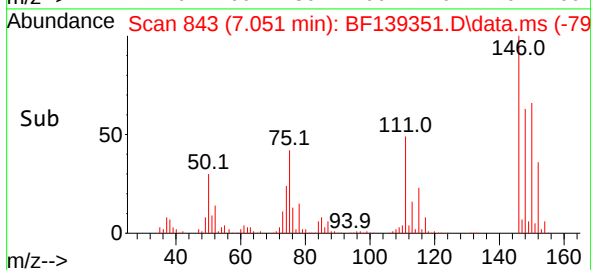
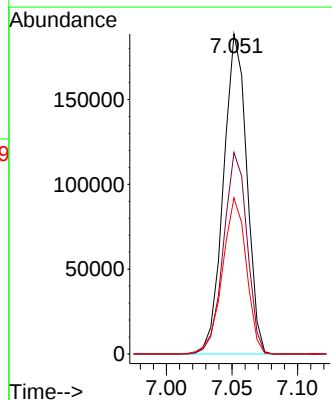
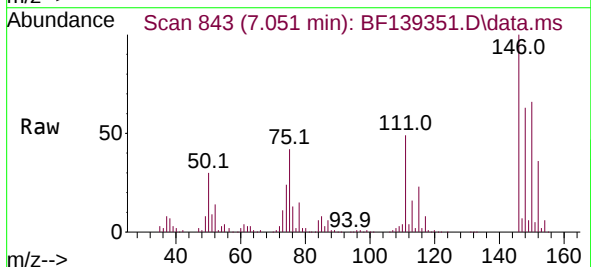
Manual Integrations
APPROVED

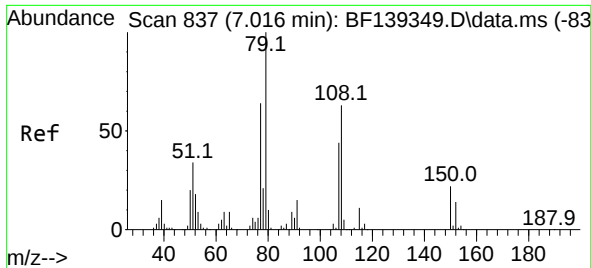
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#14
1,2-Dichlorobenzene
Concen: 61.555 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

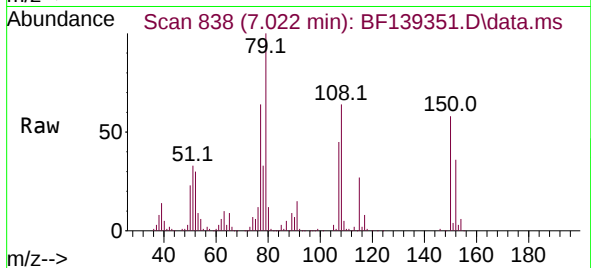
Tgt Ion:146 Resp: 232776
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 48.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 62.456 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

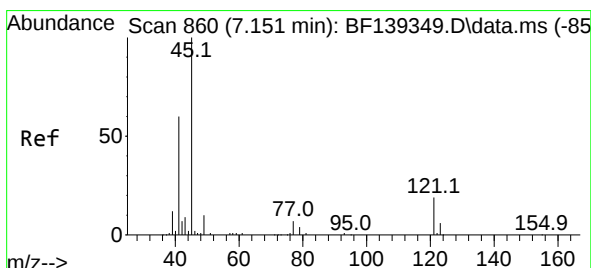
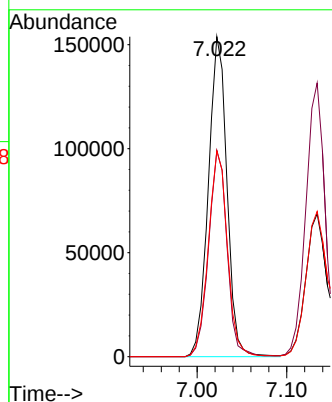
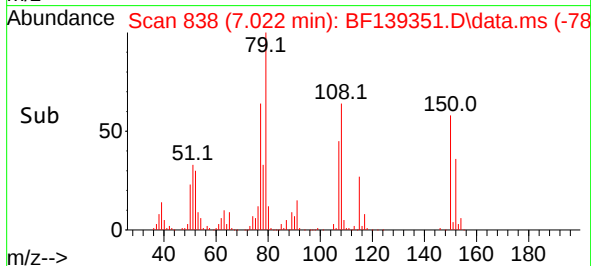
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 221254
Ion Ratio Lower Upper
79 100
108 64.5 50.4 75.6
77 64.3 51.4 77.2

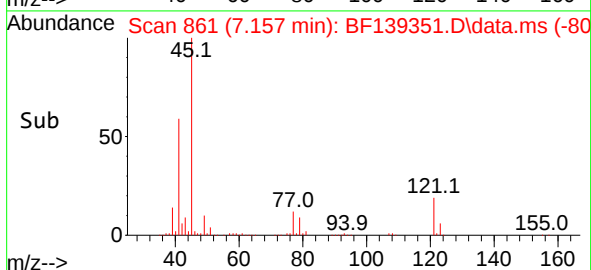
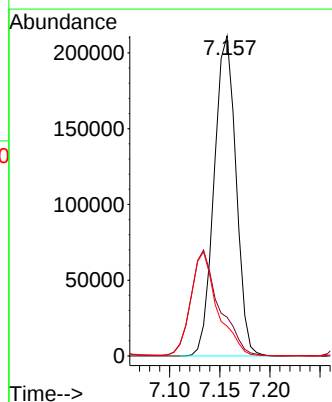
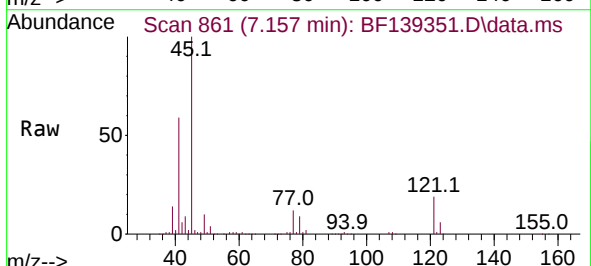
Manual Integrations
APPROVED

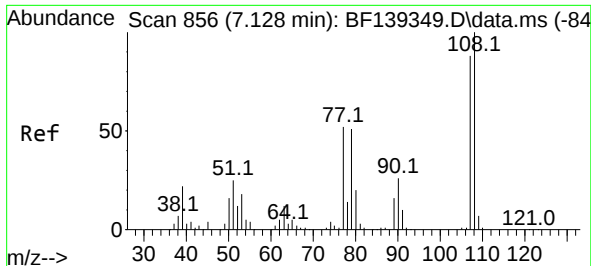
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.494 ng
RT: 7.157 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion: 45 Resp: 320455
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.0
79 9.3 0.0 29.1





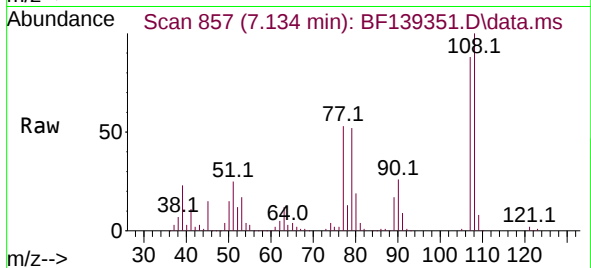
#17
2-Methylphenol
Concen: 61.171 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

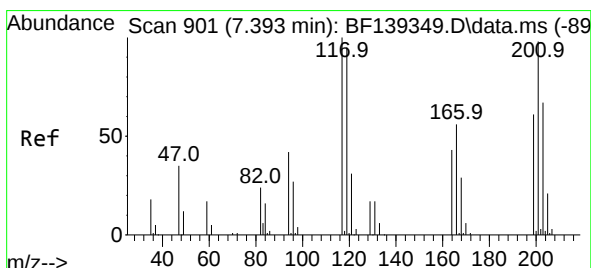
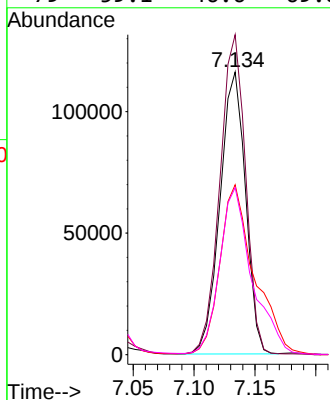
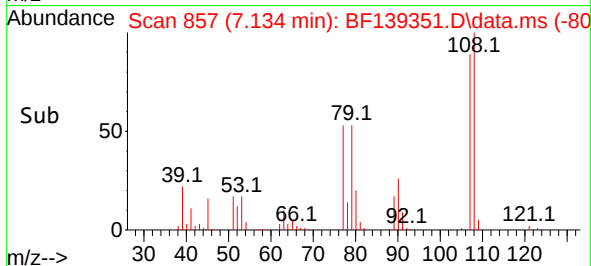


Tgt Ion:107 Resp: 16924
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 60.1 47.1 70.7
79 59.1 46.6 69.8

Manual Integrations

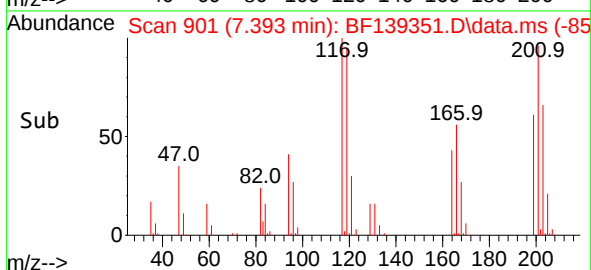
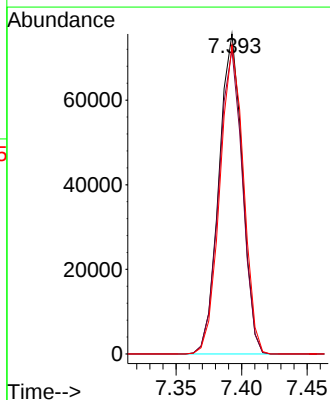
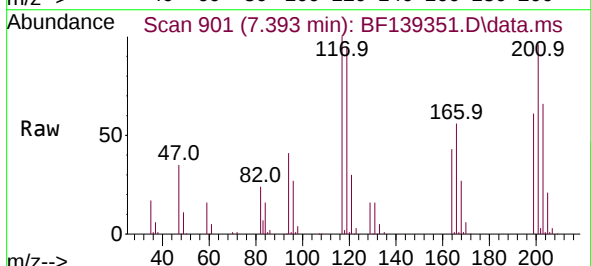
APPROVED

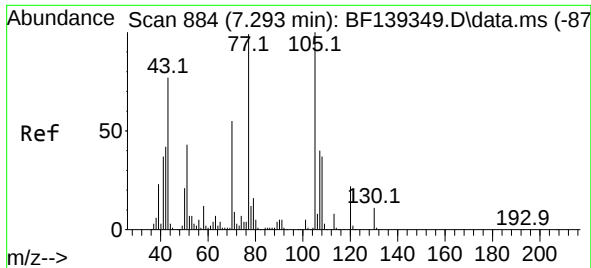
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 61.356 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:117 Resp: 93527
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 96.4 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 62.276 ng
RT: 7.298 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

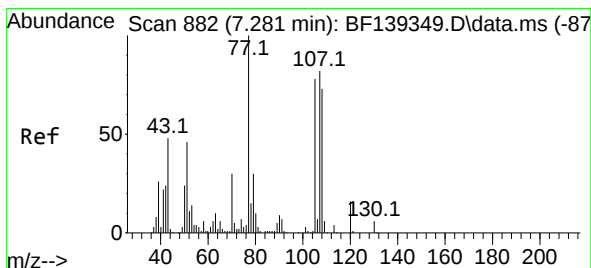
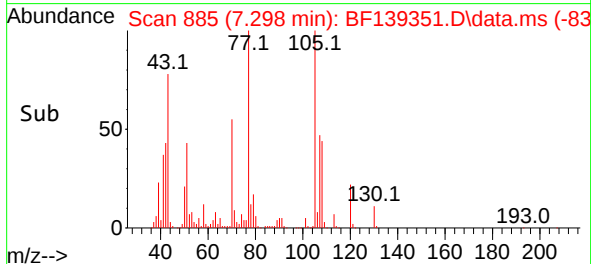
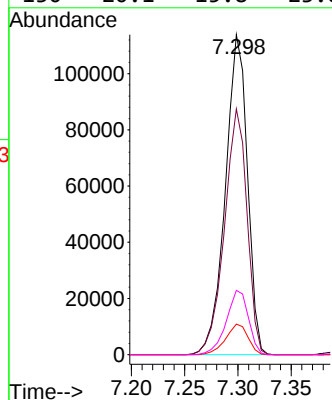
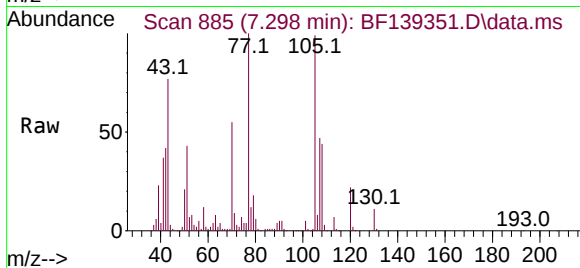
SSTDICC060

Tgt Ion: 70 Resp: 163864
Ion Ratio Lower Upper
70 100
42 76.8 61.2 91.8
101 9.5 7.5 11.3
130 20.1 15.8 23.8

Manual Integrations

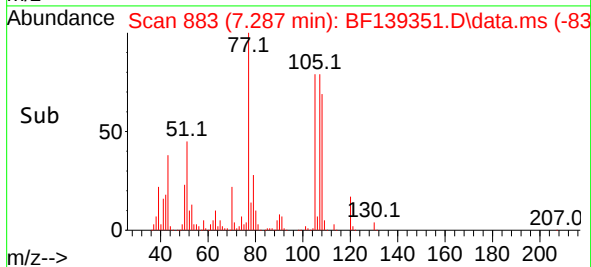
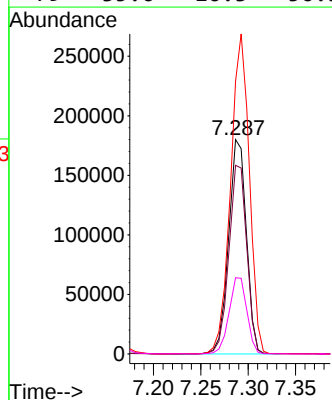
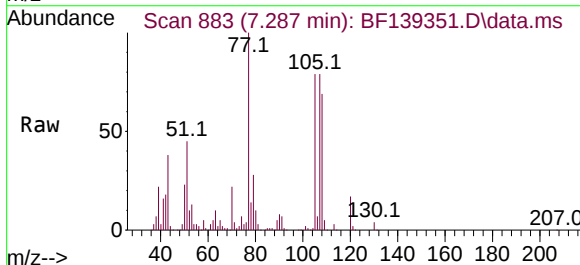
APPROVED

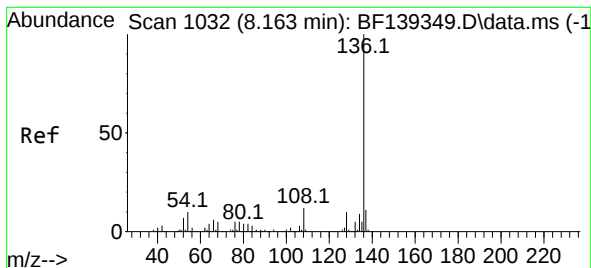
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#20
3+4-Methylphenols
Concen: 62.275 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 235065
Ion Ratio Lower Upper
107 100
108 88.0 68.6 108.6
77 127.2 101.6 141.6
79 35.6 16.3 56.3





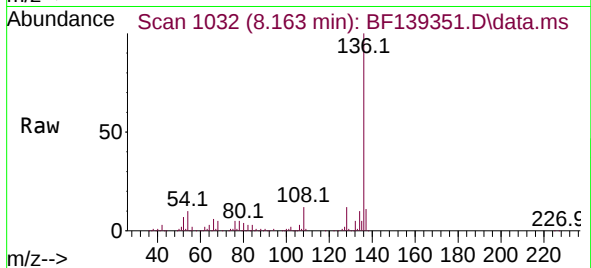
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



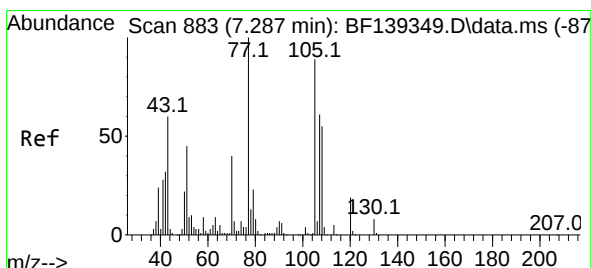
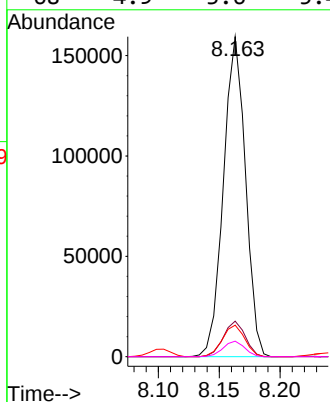
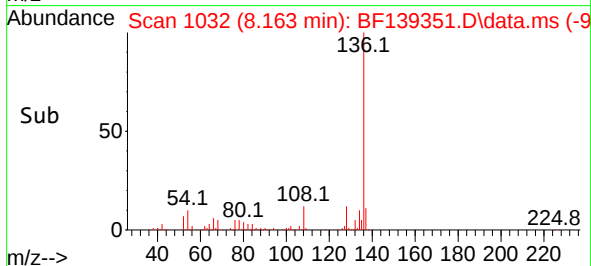
Tgt Ion:136 Resp: 200710
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 7.8 11.8
68 4.9 3.6 5.4

Manual Integrations

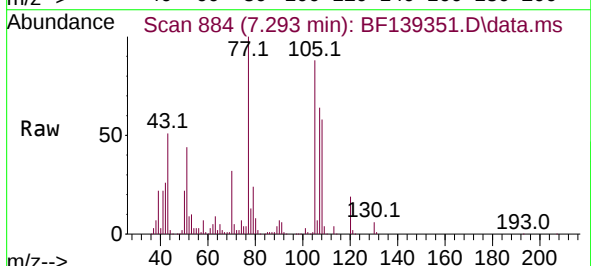
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

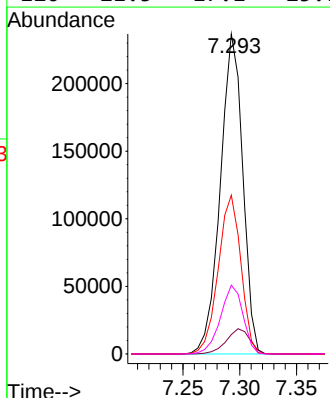
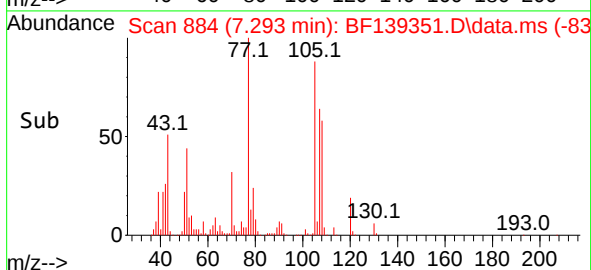
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 61.930 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:105 Resp: 324964
Ion Ratio Lower Upper
105 100
71 6.1 5.9 8.9
51 49.6 40.0 60.0
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 124.852 ng

RT: 7.446 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 533058

Ion Ratio Lower Upper

82 100

128 38.0 31.8 47.6

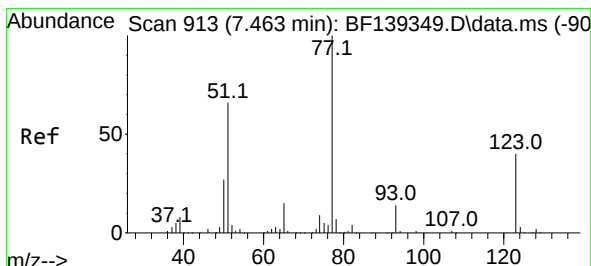
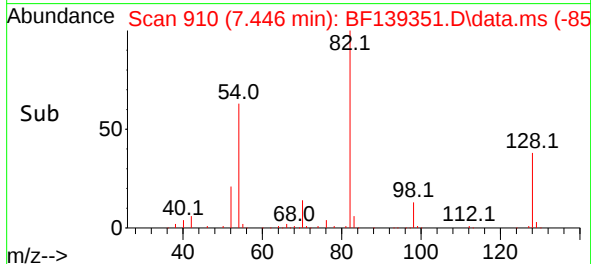
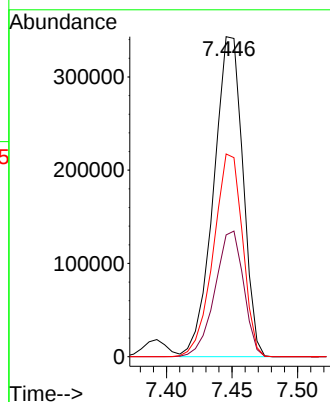
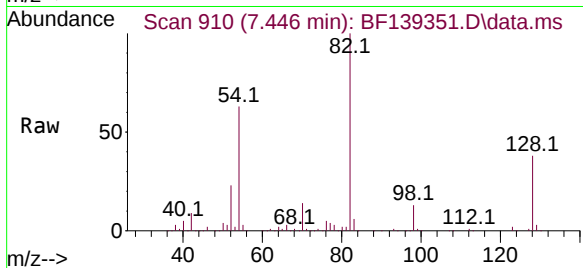
54 63.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 61.382 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

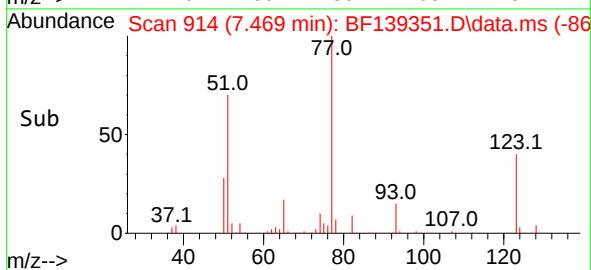
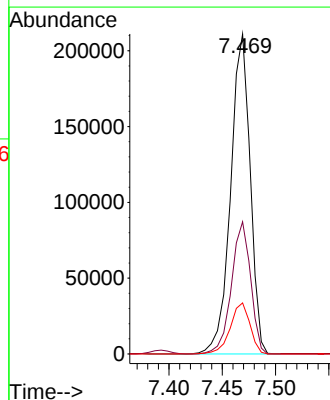
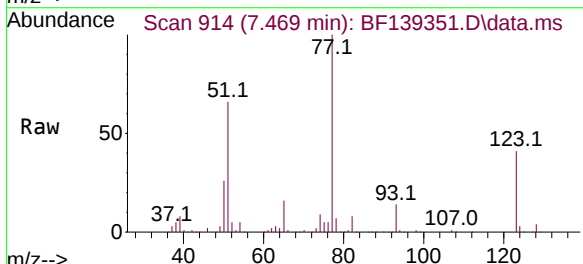
Tgt Ion: 77 Resp: 269729

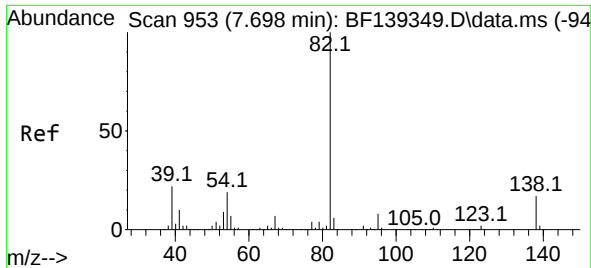
Ion Ratio Lower Upper

77 100

123 41.3 32.2 48.4

65 15.9 12.2 18.4





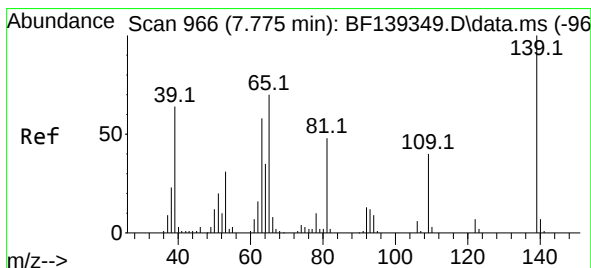
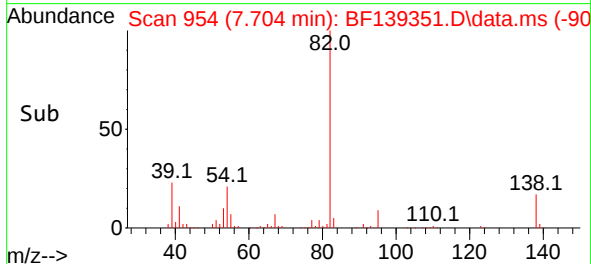
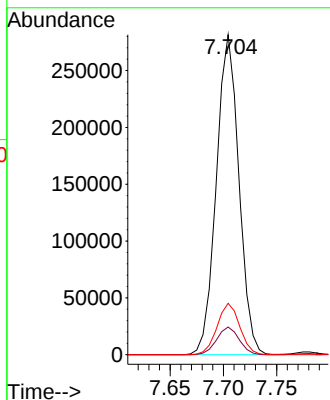
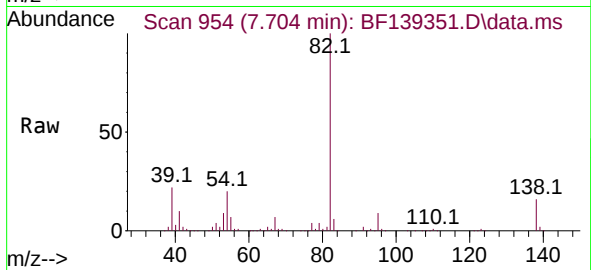
#25
Isophorone
Concen: 61.360 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 41432
Ion Ratio Lower Upper
82 100
95 8.6 6.7 10.1
138 16.1 13.3 19.9

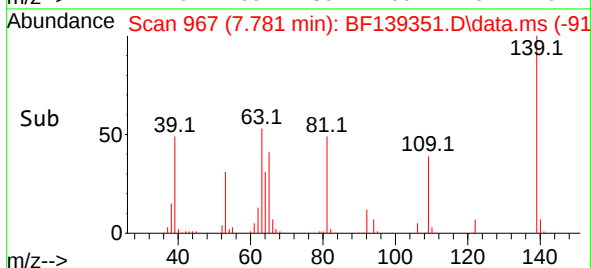
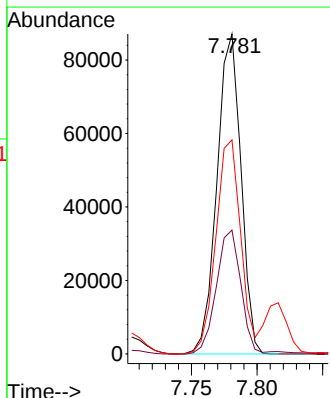
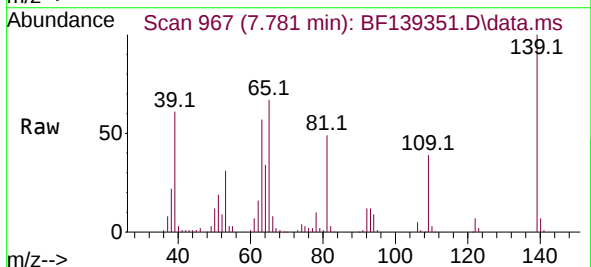
Manual Integrations
APPROVED

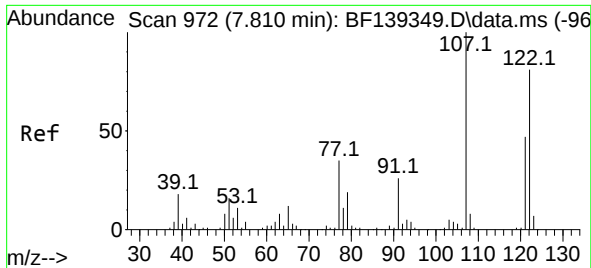
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 64.806 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:139 Resp: 110946
Ion Ratio Lower Upper
139 100
109 38.7 32.2 48.2
65 66.9 55.8 83.8





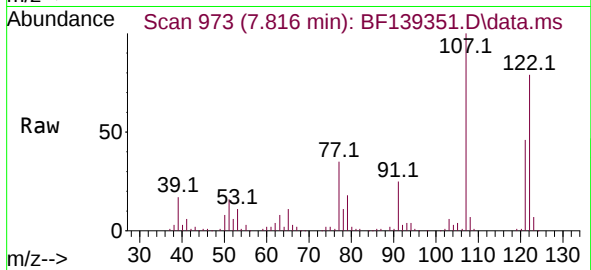
#27
2,4-Dimethylphenol
Concen: 62.698 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

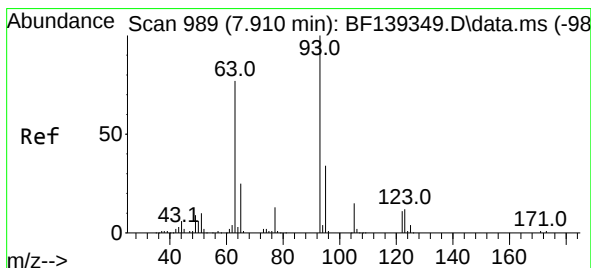
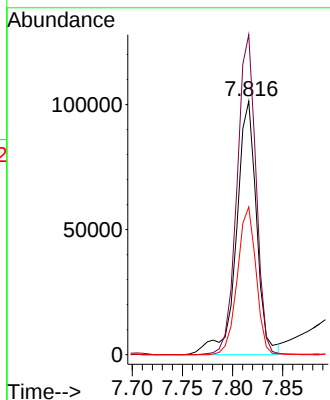
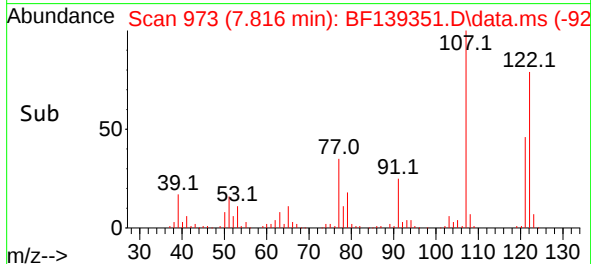


Tgt Ion:122 Resp: 14158
Ion Ratio Lower Upper
122 100
107 126.3 99.1 148.7
121 58.3 46.6 70.0

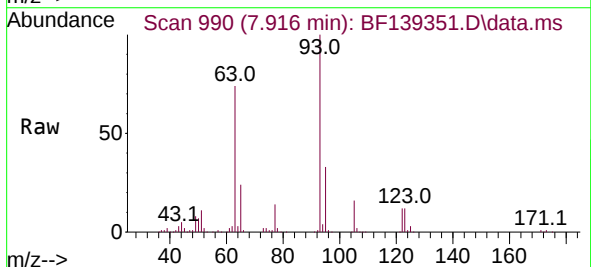
Manual Integrations

APPROVED

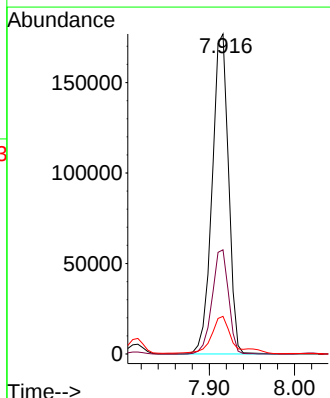
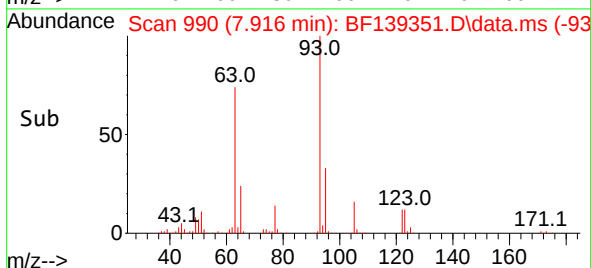
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 61.287 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion: 93 Resp: 235849
Ion Ratio Lower Upper
93 100
95 32.6 26.9 40.3
123 11.7 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 61.752 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

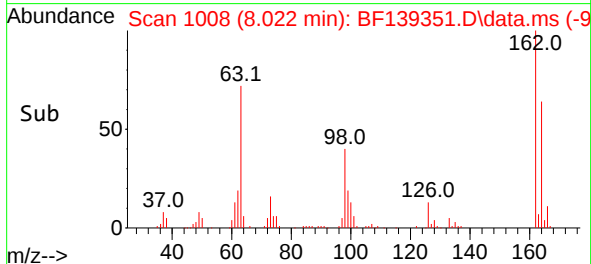
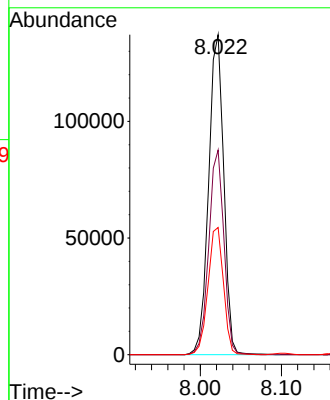
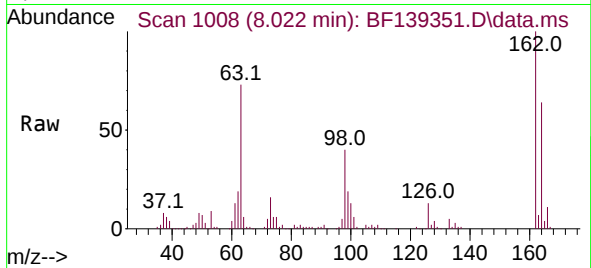
Tgt Ion:162	Resp: 17715
Ion Ratio	Lower Upper
162 100	
164 64.0	43.6 83.6
98 39.7	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 60.625 ng

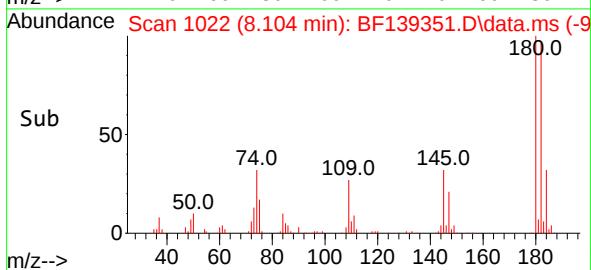
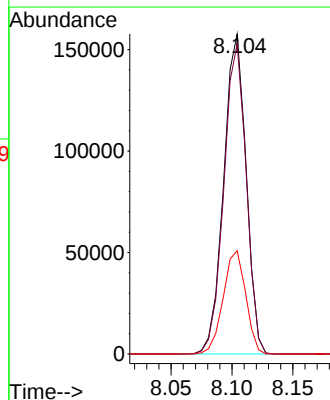
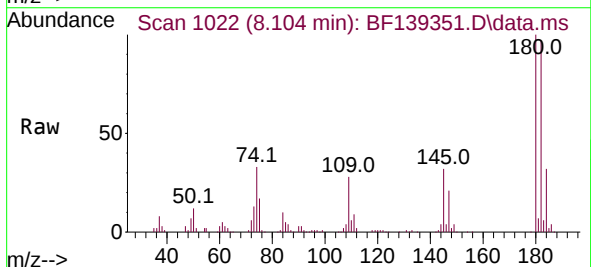
RT: 8.104 min Scan# 1022

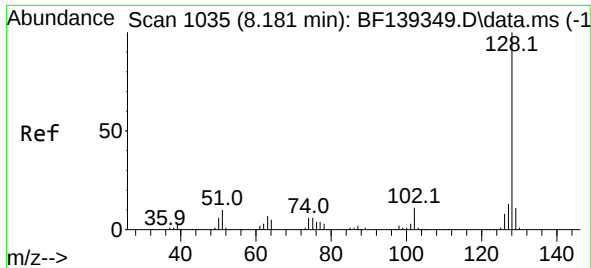
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:180	Resp: 202649
Ion Ratio	Lower Upper
180 100	
182 96.9	75.7 113.5
145 32.2	26.5 39.7





#31
Naphthalene
Concen: 61.819 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

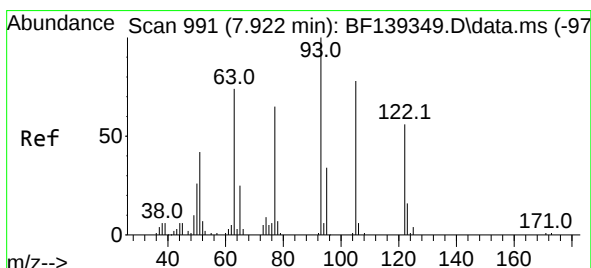
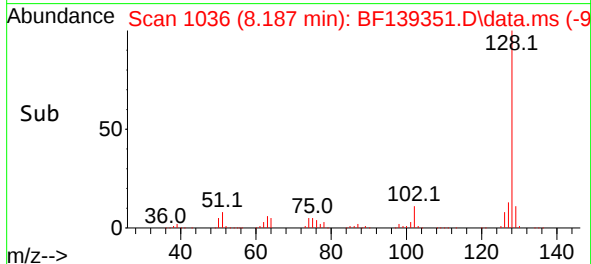
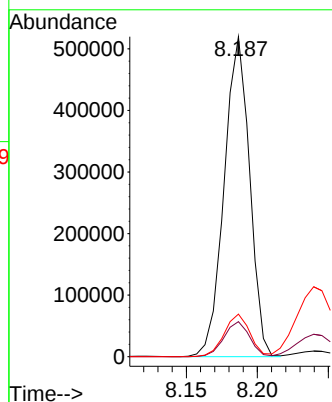
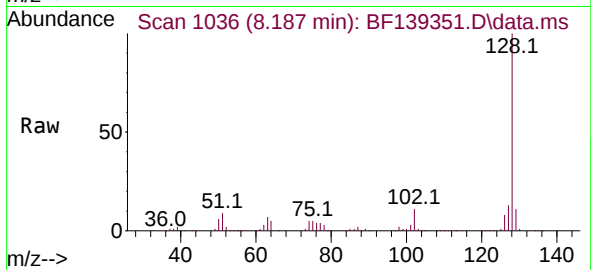
SSTDICC060

Tgt Ion:128 Resp: 647769
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 16.0

Manual Integrations

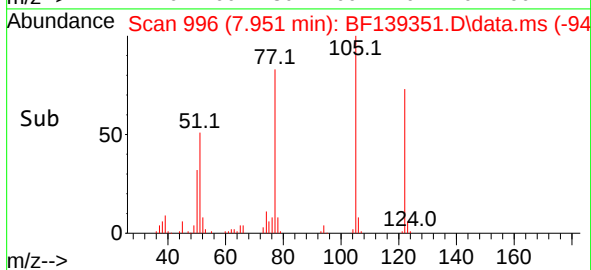
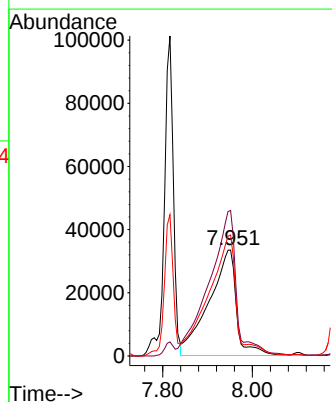
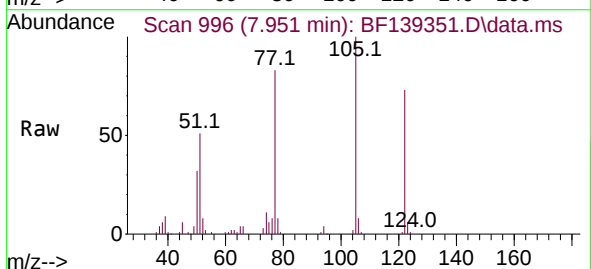
APPROVED

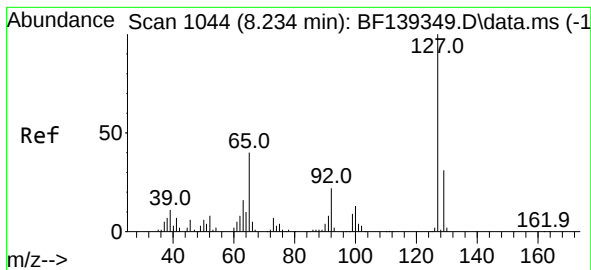
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 66.826 ng m
RT: 7.951 min Scan# 996
Delta R.T. 0.029 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:122 Resp: 141779
Ion Ratio Lower Upper
122 100
105 137.4 117.1 157.1
77 114.1 95.4 135.4





#33

4-Chloroaniline

Concen: 62.450 ng

RT: 8.240 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 200192

Ion Ratio Lower Upper

127 100

129 32.0 25.5 38.3

65 40.5 31.5 47.3

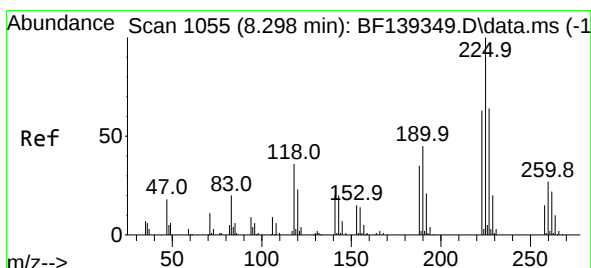
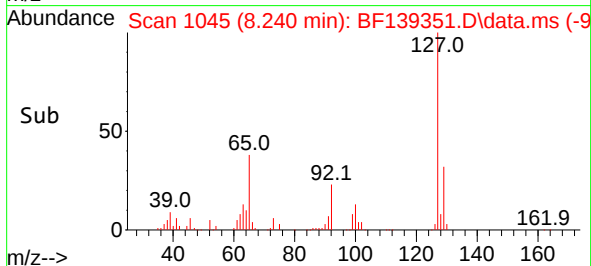
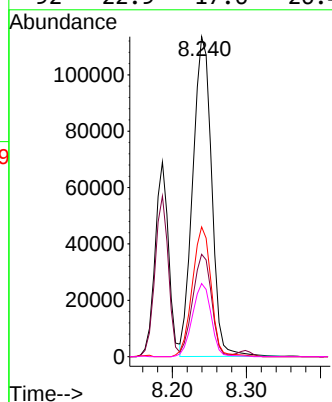
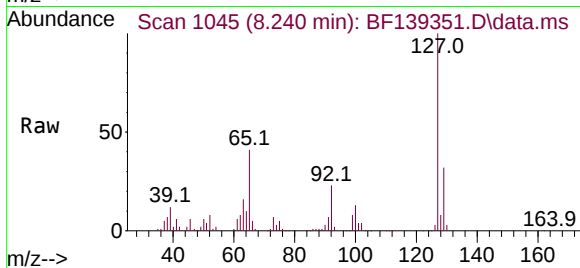
92 22.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#34

Hexachlorobutadiene

Concen: 60.236 ng

RT: 8.298 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

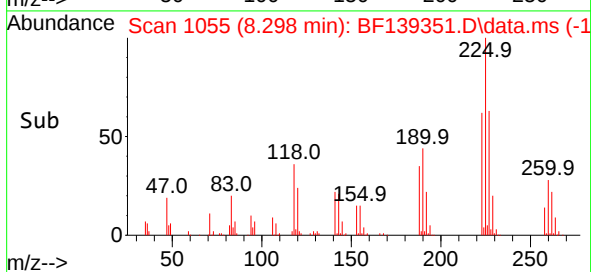
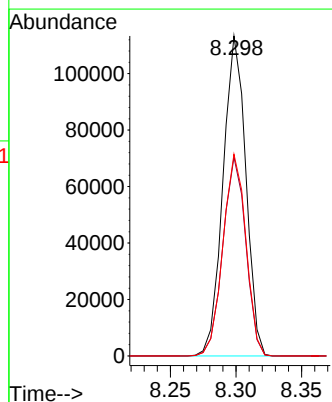
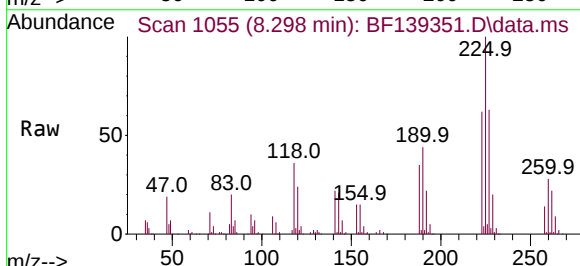
Tgt Ion:225 Resp: 136795

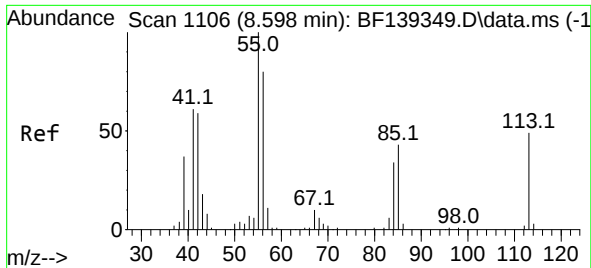
Ion Ratio Lower Upper

225 100

223 62.1 50.1 75.1

227 63.0 51.0 76.6





#35
Caprolactam
Concen: 60.885 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.018 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

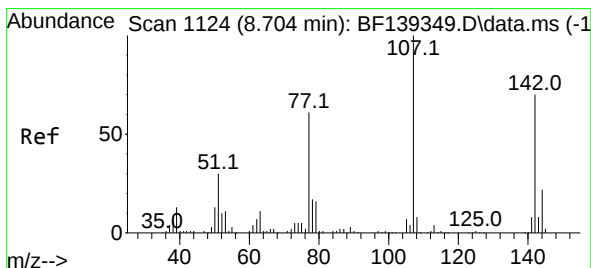
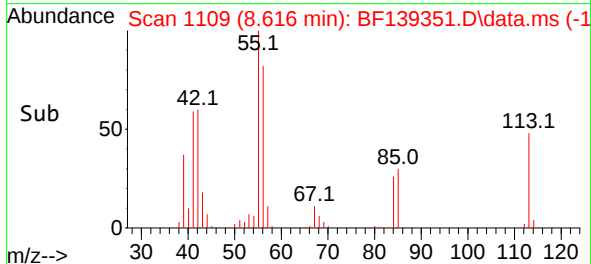
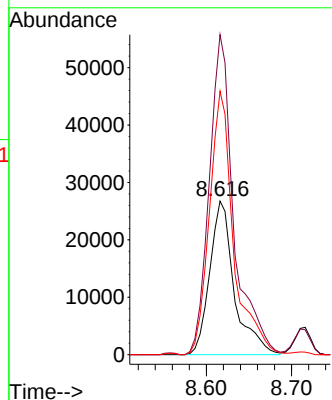
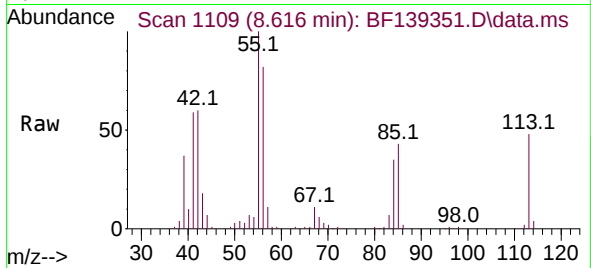
SSTDICC060

Tgt Ion:113 Resp: 53730
Ion Ratio Lower Upper
113 100
55 208.2 186.1 226.1
56 171.4 144.9 184.9

Manual Integrations

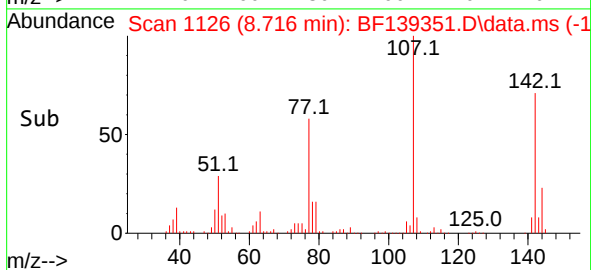
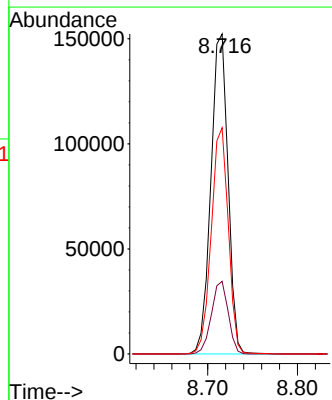
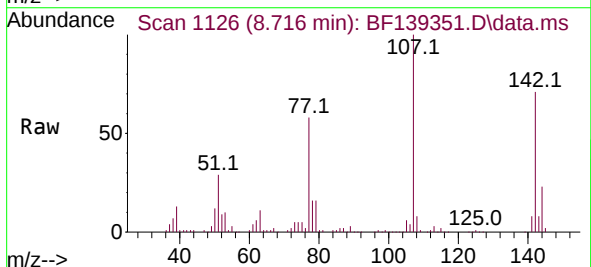
APPROVED

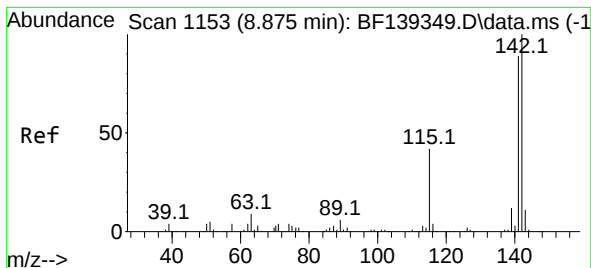
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#36
4-Chloro-3-methylphenol
Concen: 61.625 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:107 Resp: 202047
Ion Ratio Lower Upper
107 100
144 22.7 17.5 26.3
142 70.7 55.8 83.8





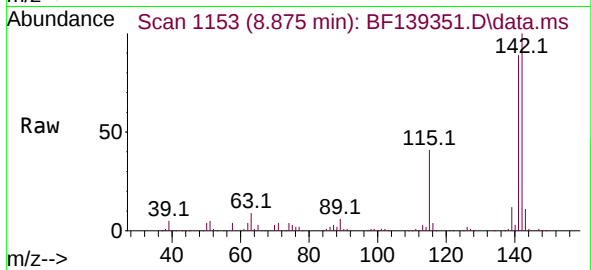
#37
2-Methylnaphthalene
Concen: 61.148 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



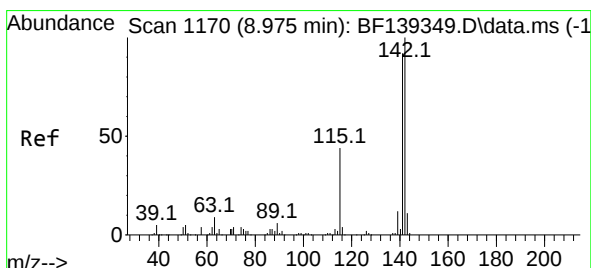
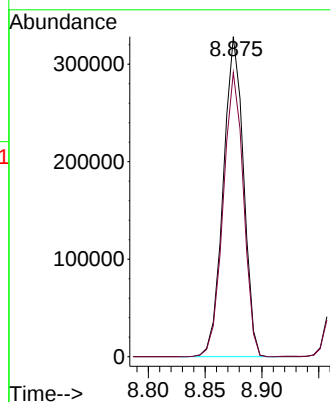
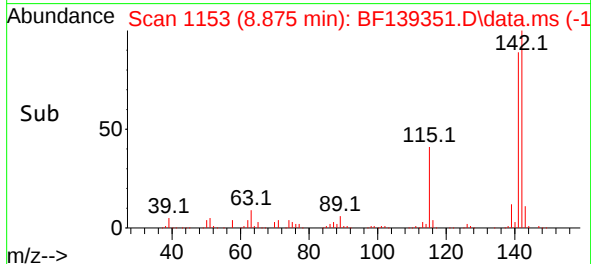
Tgt Ion:142 Resp: 406699
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4

Manual Integrations

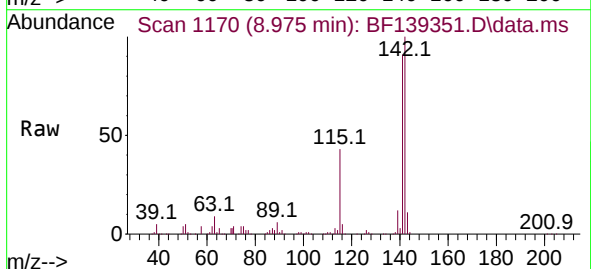
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

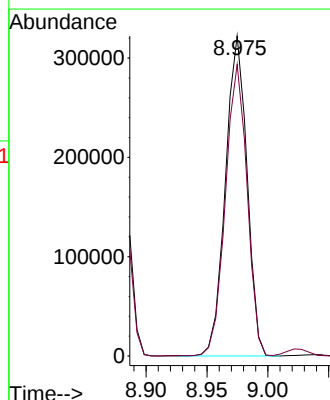
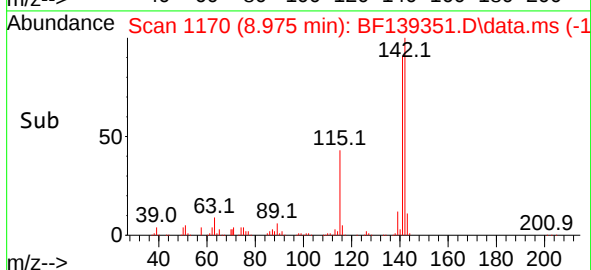
Supervised By :mohammad ahmed 09/16/2024

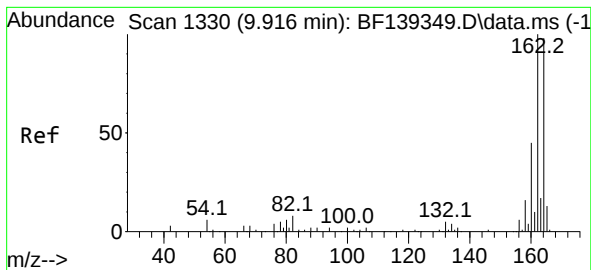


#38
1-Methylnaphthalene
Concen: 60.930 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:142 Resp: 397859
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNF

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 11286

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

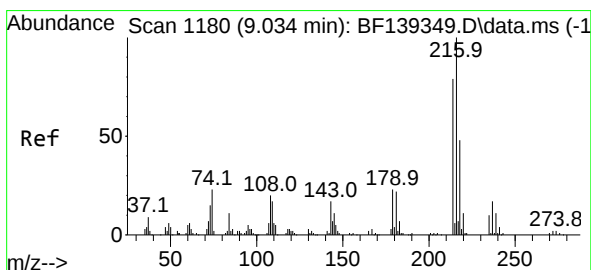
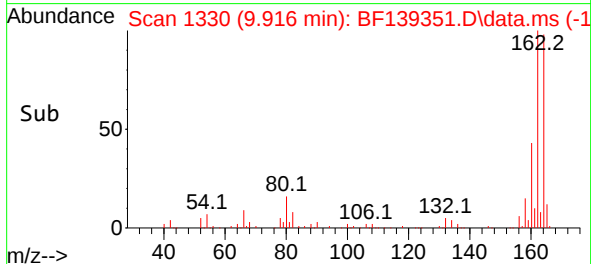
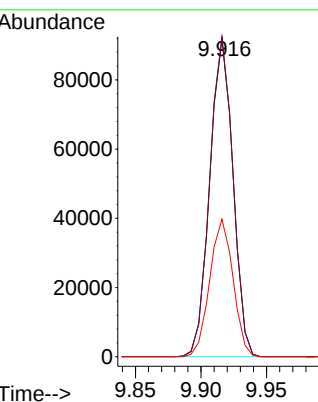
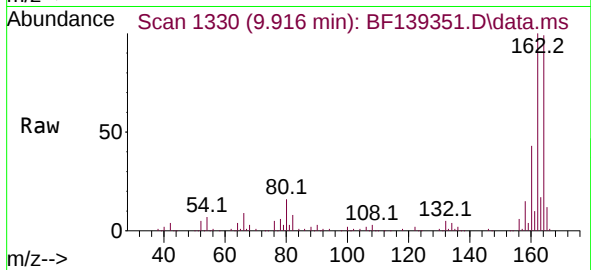
160 43.3 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.469 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:216 Resp: 202263

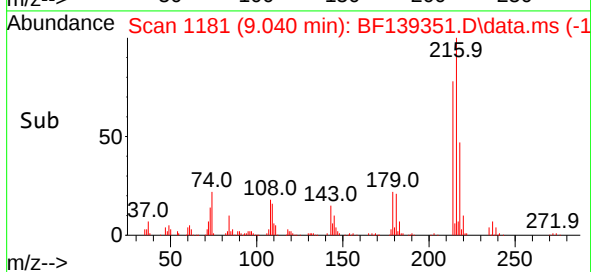
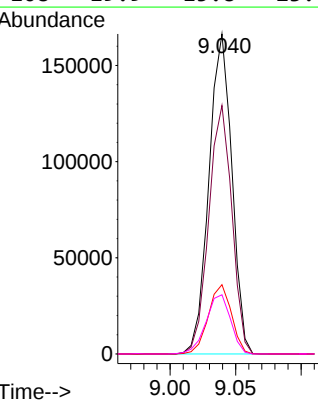
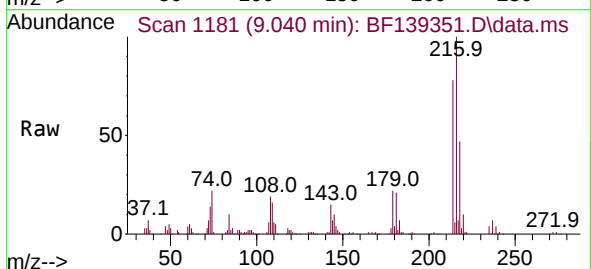
Ion Ratio Lower Upper

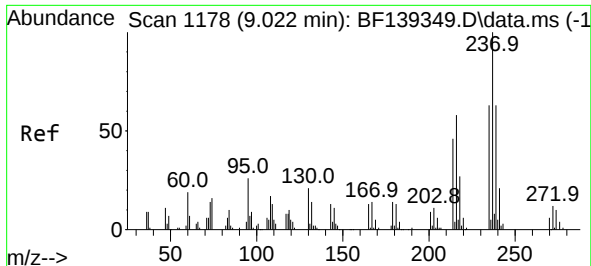
216 100

214 78.1 63.4 95.0

179 21.9 18.2 27.2

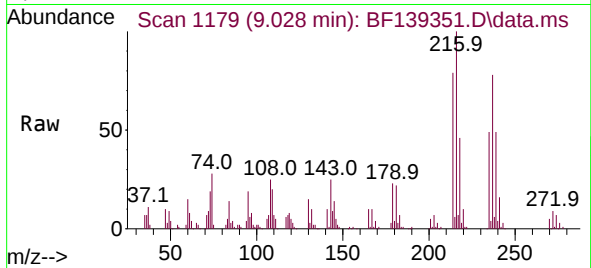
108 19.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 60.253 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

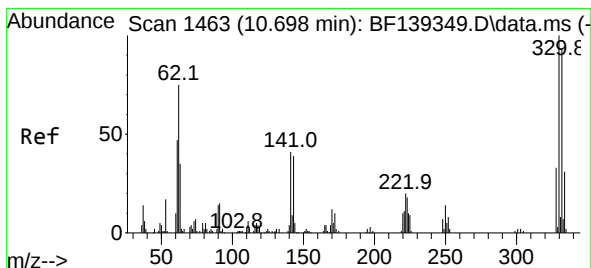
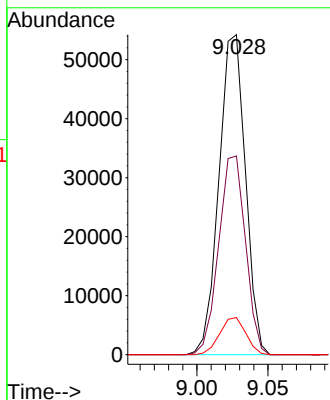
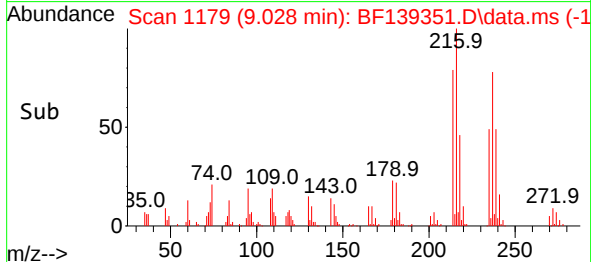
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



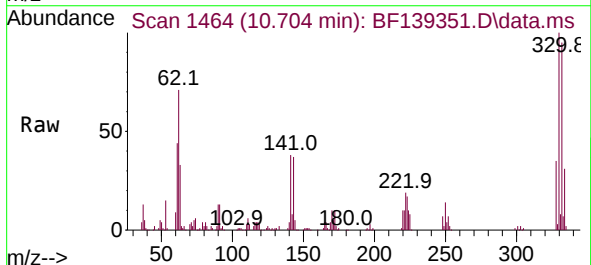
Tgt Ion:237 Resp: 70369
Ion Ratio Lower Upper
237 100
235 62.1 42.7 82.7
272 11.6 0.0 32.5

Manual Integrations
APPROVED

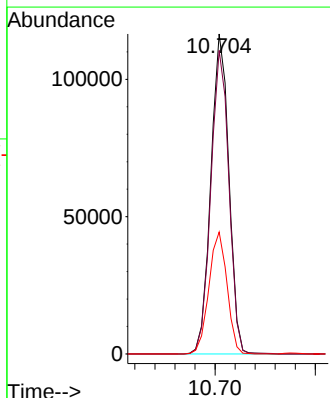
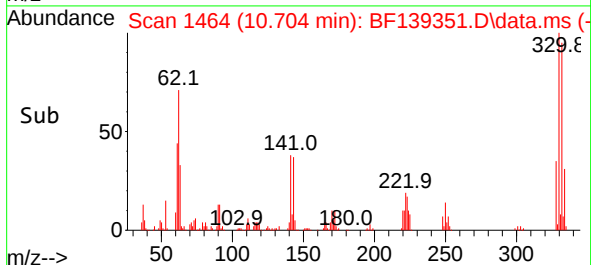
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

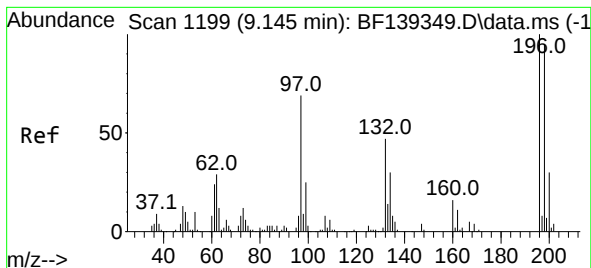


#42
2,4,6-Tribromophenol
Concen: 120.977 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:330 Resp: 145361
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 38.4 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 59.949 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

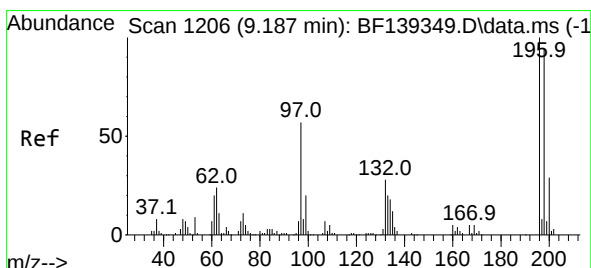
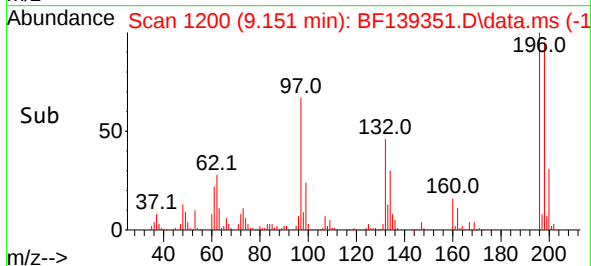
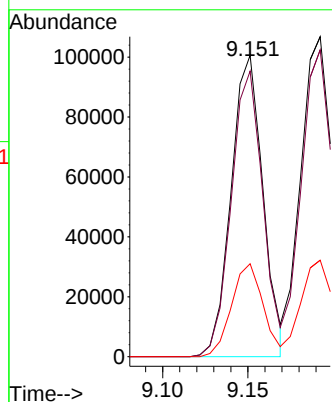
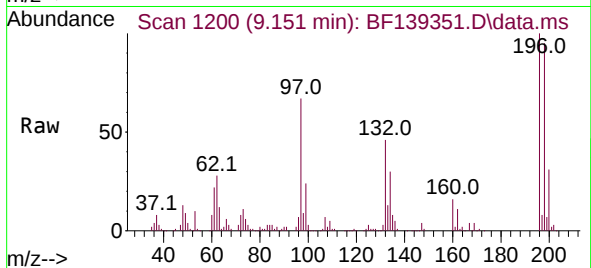
SSTDICC060

Tgt Ion:196 Resp: 130460
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 30.8 24.1 36.1

Manual Integrations

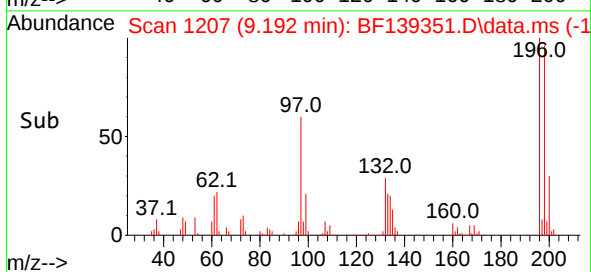
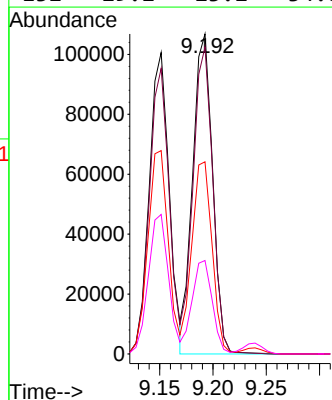
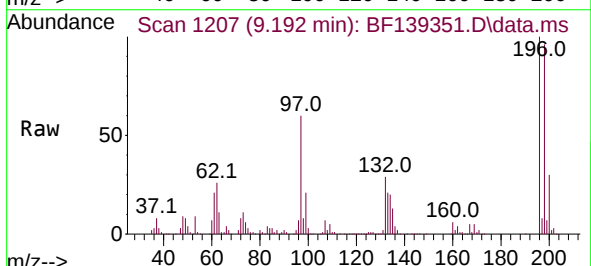
APPROVED

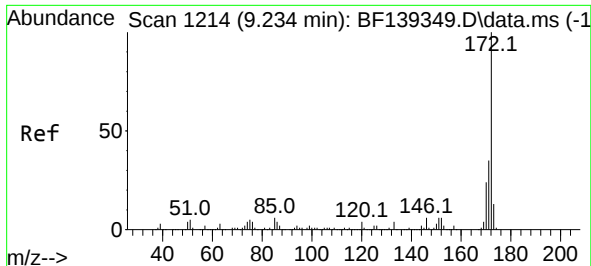
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#44
2,4,5-Trichlorophenol
Concen: 60.571 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:196 Resp: 139041
Ion Ratio Lower Upper
196 100
198 95.9 74.8 112.2
97 60.0 47.3 70.9
132 29.2 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 118.368 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

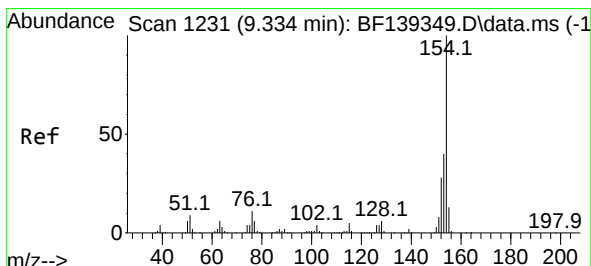
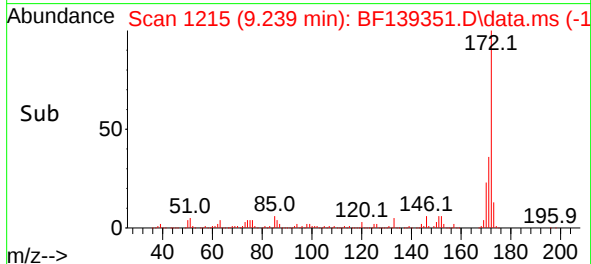
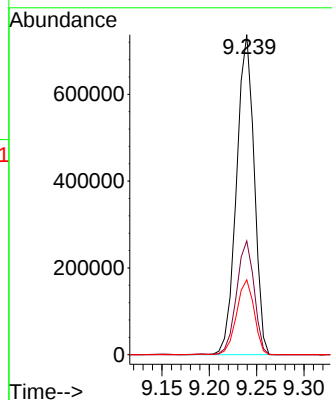
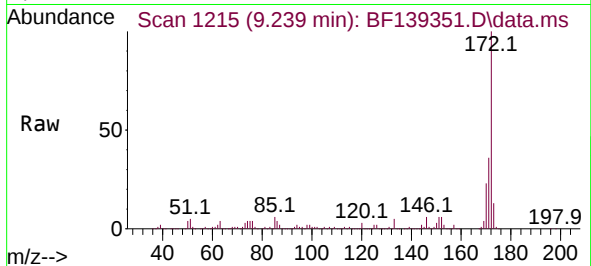
ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 952524
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.0 28.6

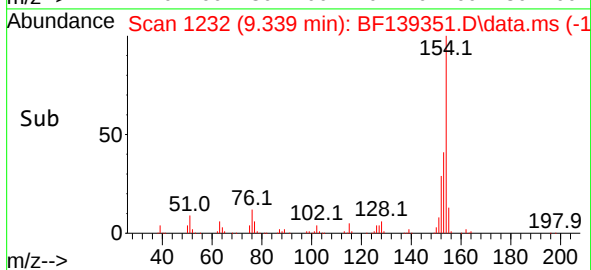
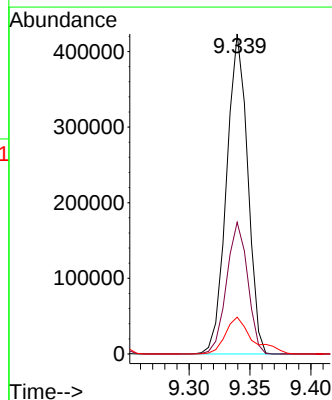
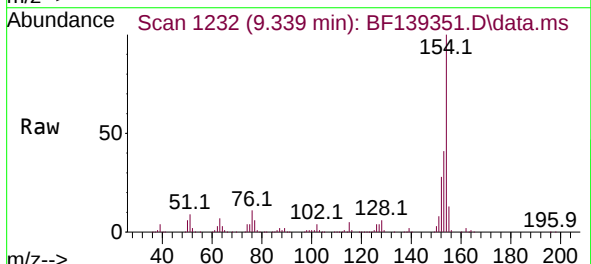
Manual Integrations
APPROVED

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



#46
1,1'-Biphenyl
Concen: 58.895 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:154 Resp: 511379
Ion Ratio Lower Upper
154 100
153 41.2 20.1 60.1
76 11.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 60.232 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139351.D

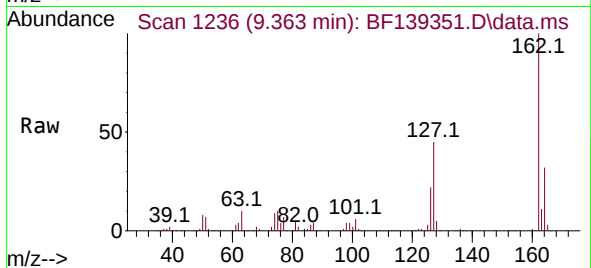
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



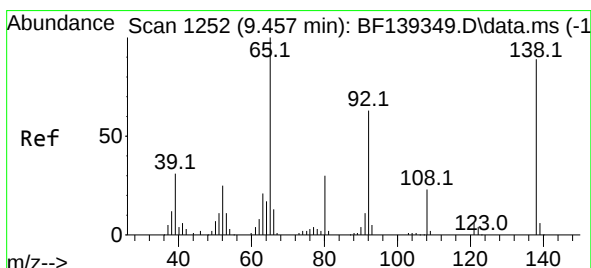
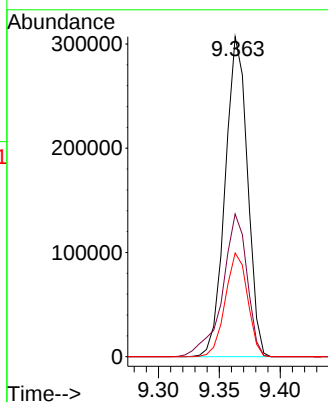
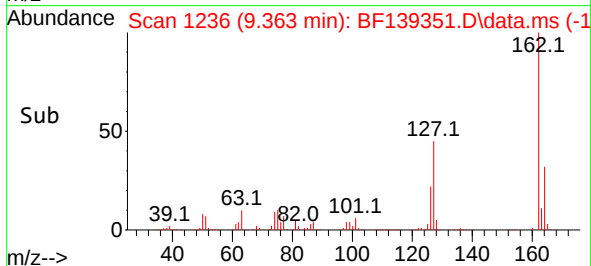
Tgt Ion:	162	Resp:	39103
Ion Ratio	Lower	Upper	
162	100		
127	44.6	35.0	52.4
164	32.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

Concen: 62.050 ng

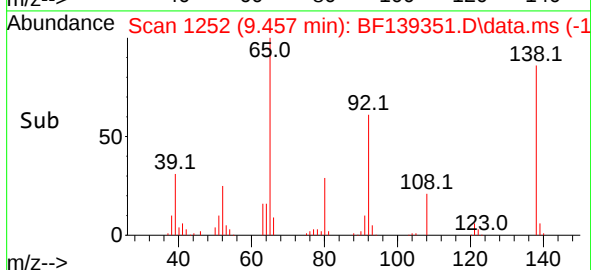
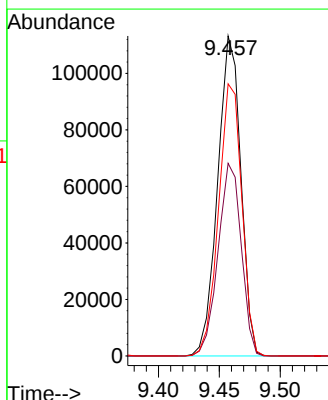
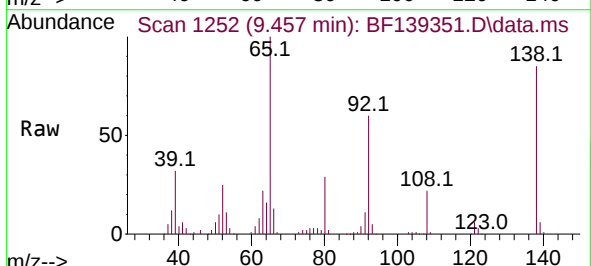
RT: 9.457 min Scan# 1252

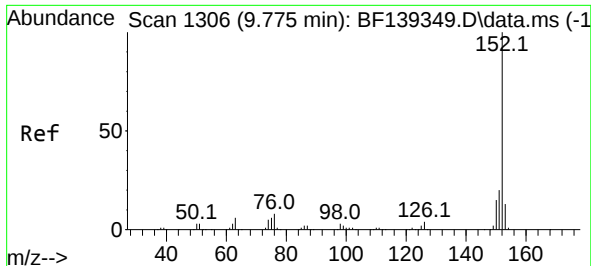
Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:	65	Resp:	149834
Ion Ratio	Lower	Upper	
65	100		
92	60.2	50.3	75.5
138	85.1	71.3	106.9





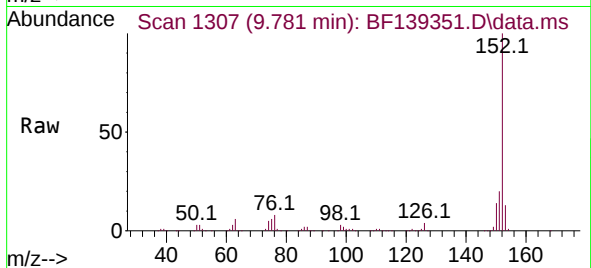
#49
Acenaphthylene
Concen: 59.530 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



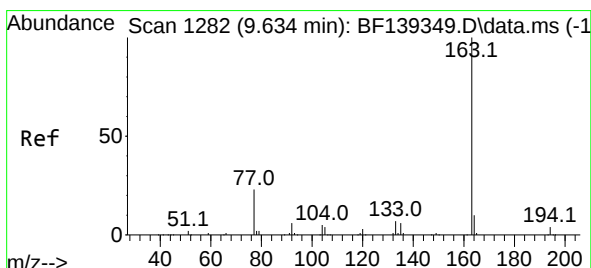
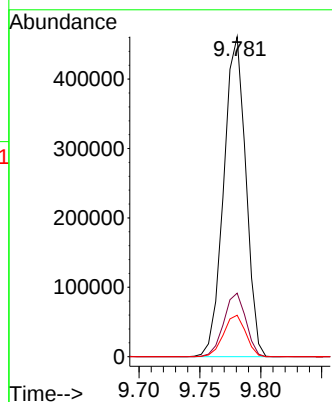
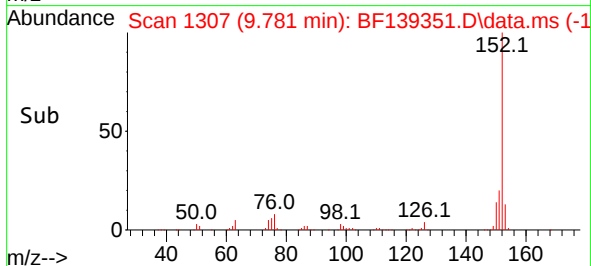
Tgt Ion:152 Resp: 581764
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.3 15.5

Manual Integrations

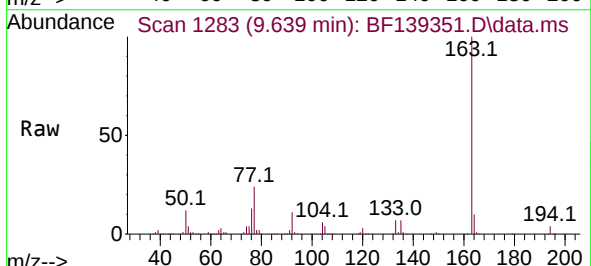
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

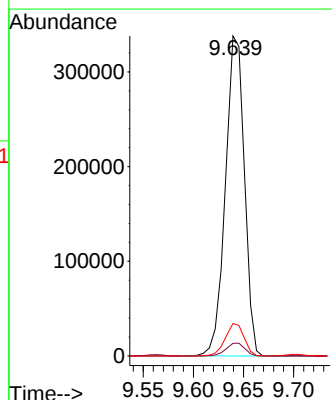
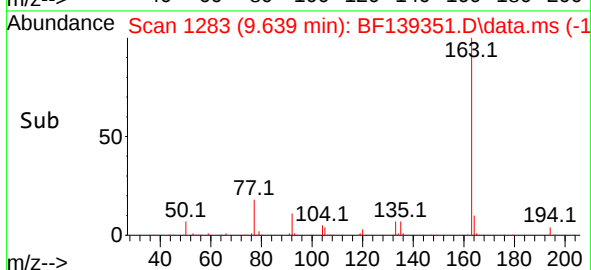
Supervised By :mohammad ahmed 09/16/2024

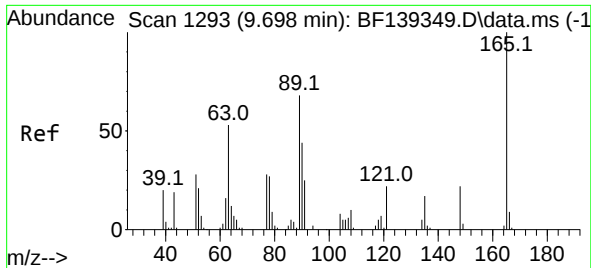


#50
Dimethylphthalate
Concen: 60.032 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:163 Resp: 444695
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





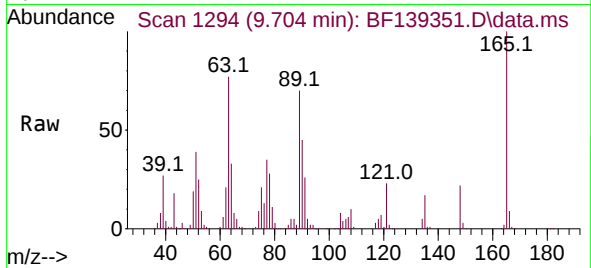
#51
2,6-Dinitrotoluene
Concen: 61.074 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

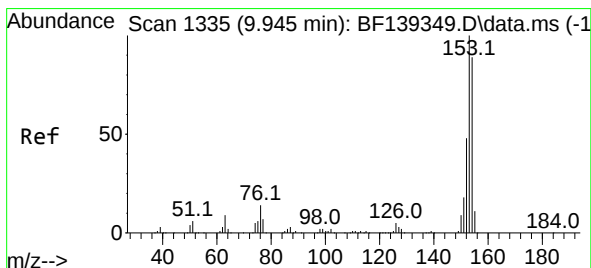
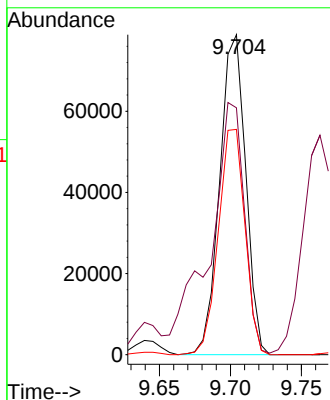
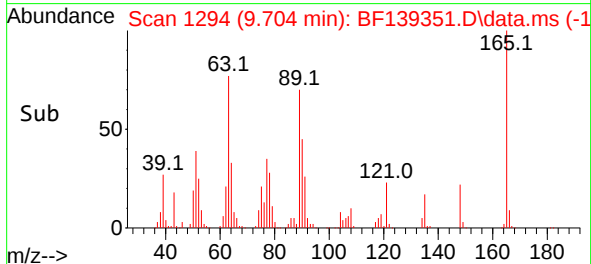


Tgt Ion:165 Resp: 100225
Ion Ratio Lower Upper
165 100
63 77.2 60.9 91.3
89 70.4 54.7 82.1

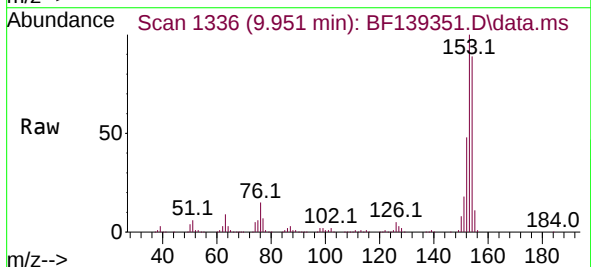
Manual Integrations

APPROVED

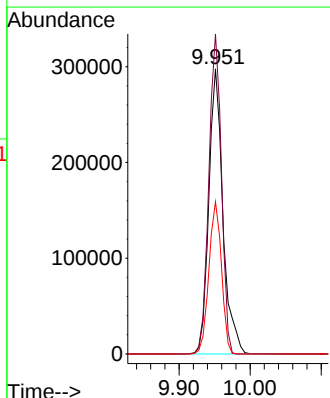
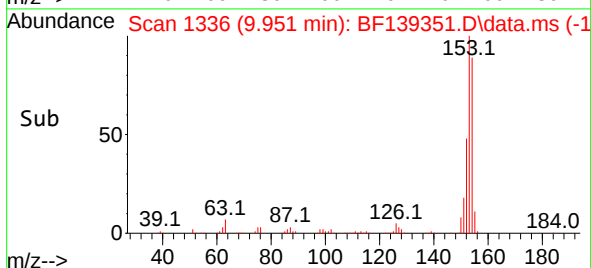
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

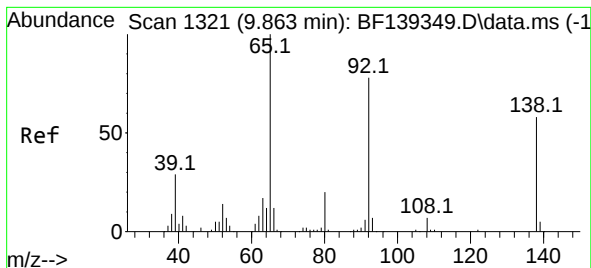


#52
Acenaphthene
Concen: 60.286 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:154 Resp: 411189
Ion Ratio Lower Upper
154 100
153 112.2 89.5 134.3
152 53.4 42.6 64.0





#53

3-Nitroaniline

Concen: 61.832 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

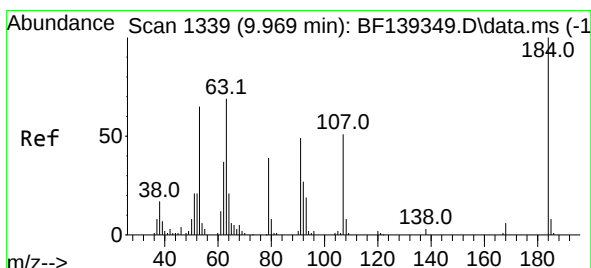
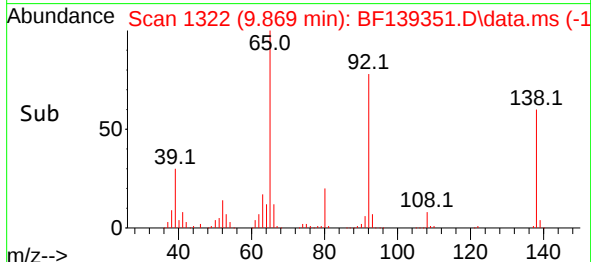
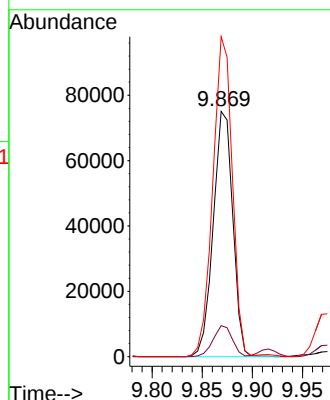
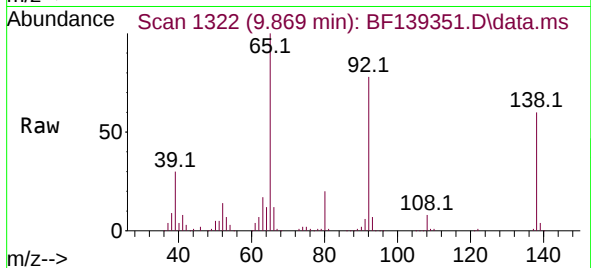
Tgt Ion:138 Resp: 101400
 Ion Ratio Lower Upper
 138 100
 108 12.6 9.8 14.8
 92 130.4 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#54

2,4-Dinitrophenol

Concen: 71.035 ng

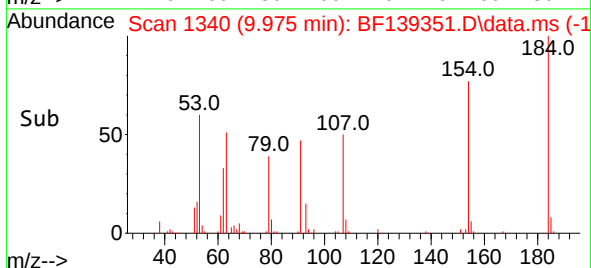
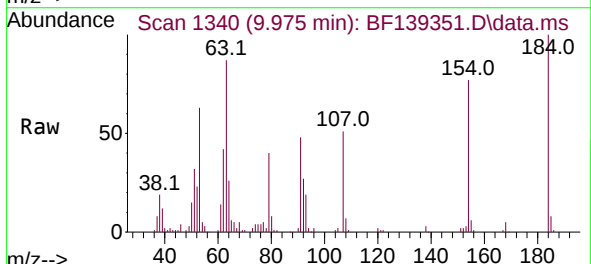
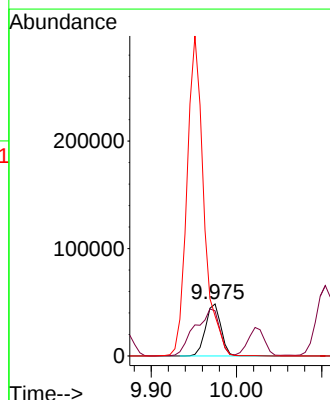
RT: 9.975 min Scan# 1340

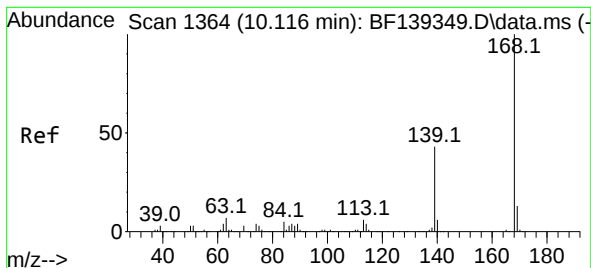
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

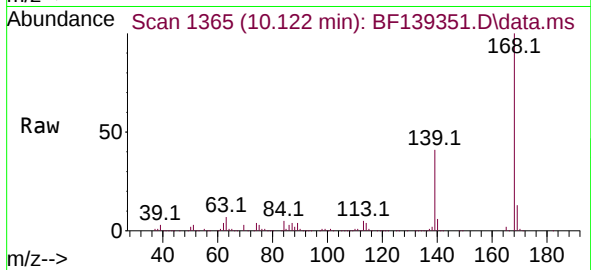
Tgt Ion:184 Resp: 61109
 Ion Ratio Lower Upper
 184 100
 63 86.8 69.3 103.9
 154 77.1 67.5 101.3





#55
Dibenzofuran
Concen: 59.962 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

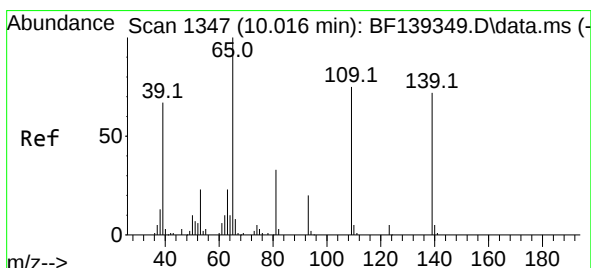
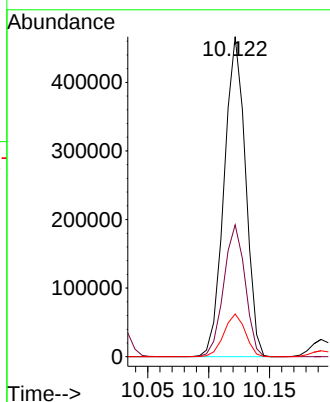
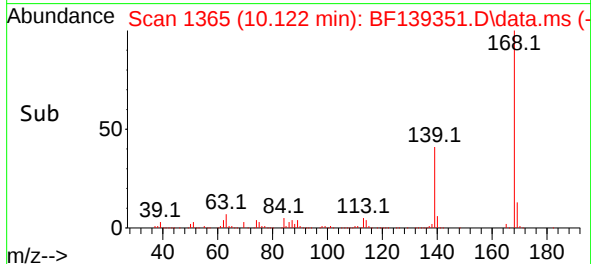
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 57003
Ion Ratio Lower Upper
168 100
139 41.2 34.1 51.1
169 13.3 10.5 15.7

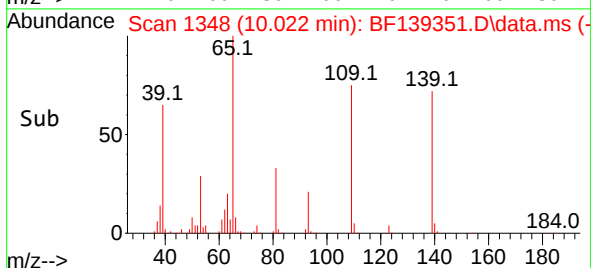
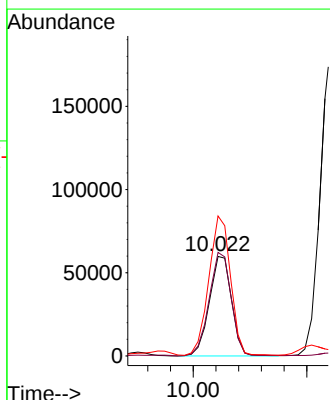
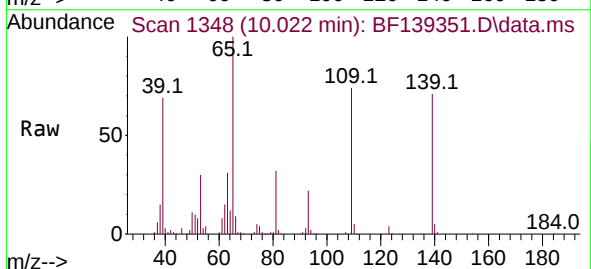
Manual Integrations
APPROVED

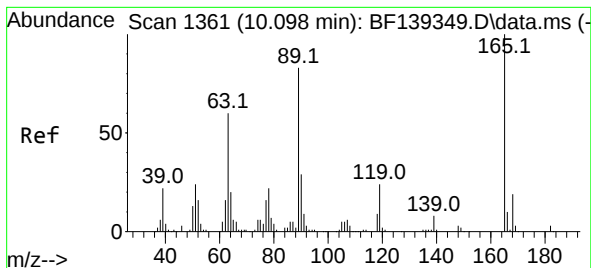
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 59.961 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:139 Resp: 81369
Ion Ratio Lower Upper
139 100
109 103.9 84.1 124.1
65 140.6 120.0 160.0





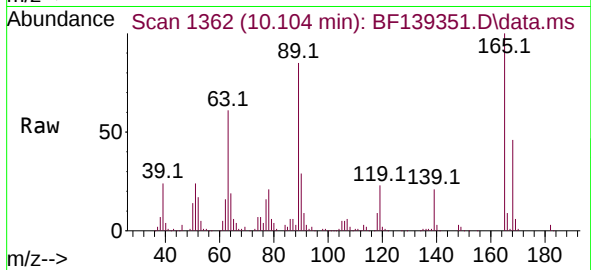
#57
2,4-Dinitrotoluene
Concen: 61.996 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

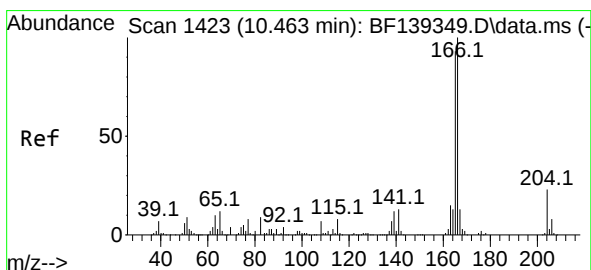
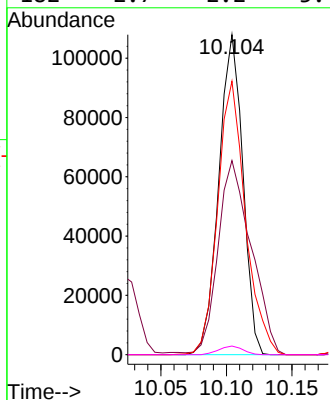
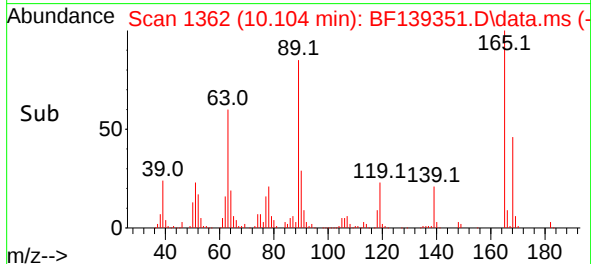


Tgt Ion:165 Resp: 137354
Ion Ratio Lower Upper
165 100
63 60.7 47.8 71.6
89 85.5 66.7 100.1
182 2.7 2.2 3.4

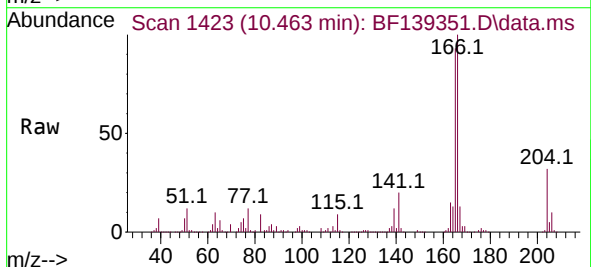
Manual Integrations

APPROVED

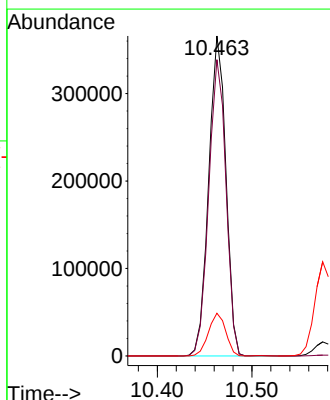
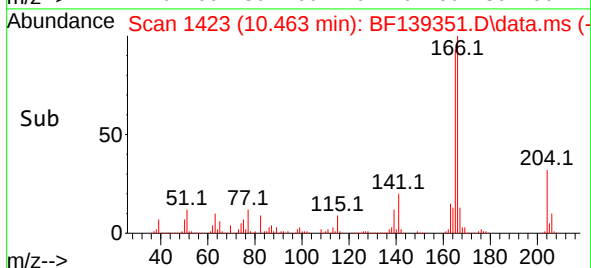
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

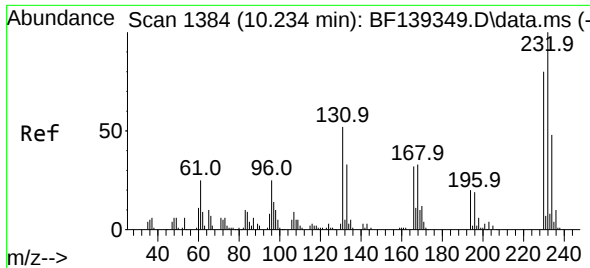


#58
Fluorene
Concen: 59.385 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:166 Resp: 460625
Ion Ratio Lower Upper
166 100
165 92.6 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.907 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

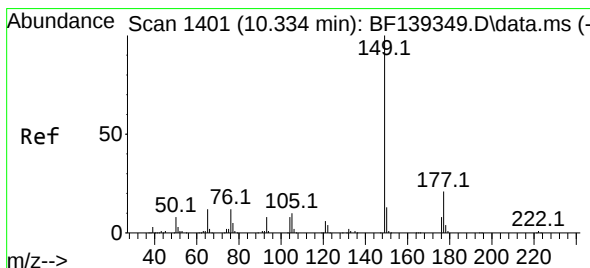
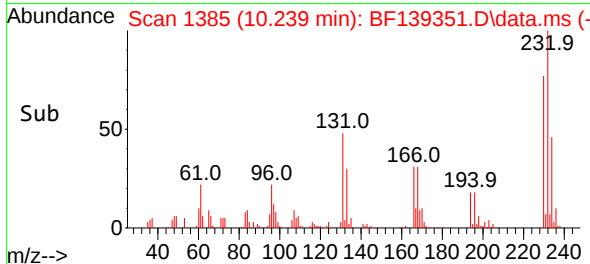
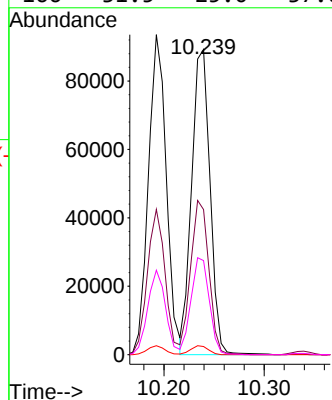
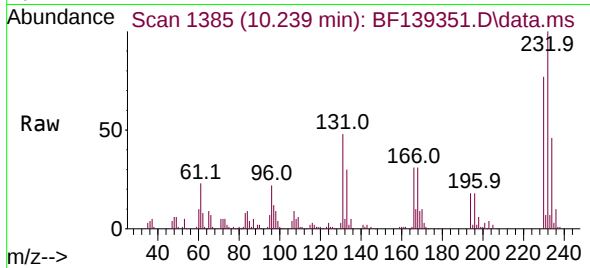
SSTDICC060

Tgt Ion:232 Resp: 113758
Ion Ratio Lower Upper
232 100
131 49.8 40.7 61.1
130 2.8 2.2 3.2
166 31.5 25.0 37.6

Manual Integrations

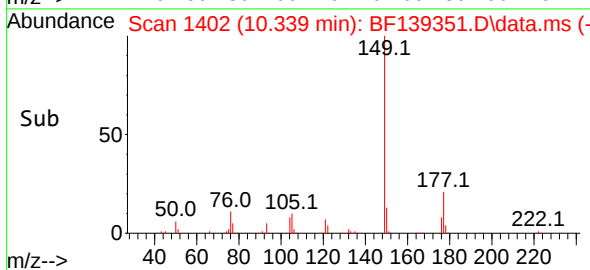
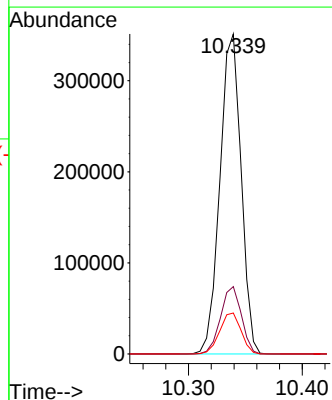
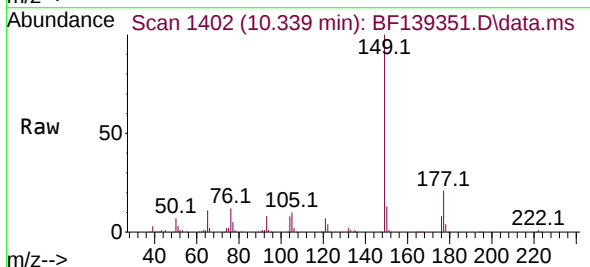
APPROVED

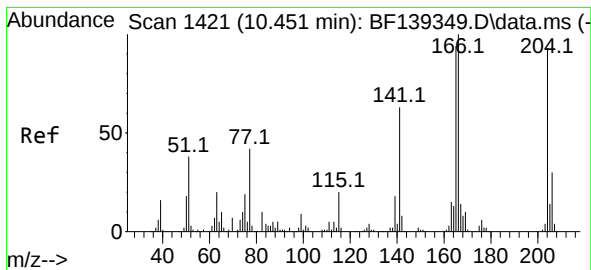
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 59.624 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:149 Resp: 455793
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.8 10.6 15.8





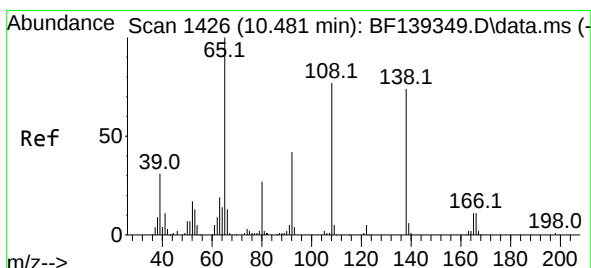
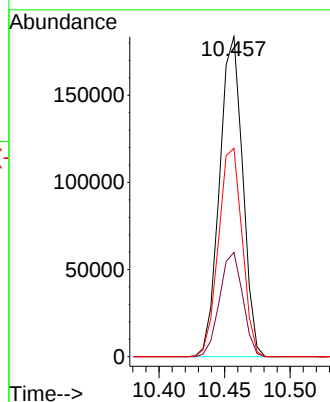
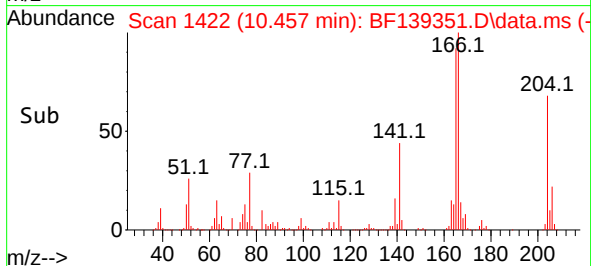
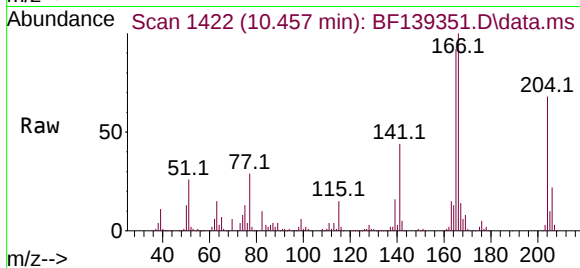
#61
4-Chlorophenyl-phenylether
Concen: 59.721 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 225124
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 65.1 53.9 80.9

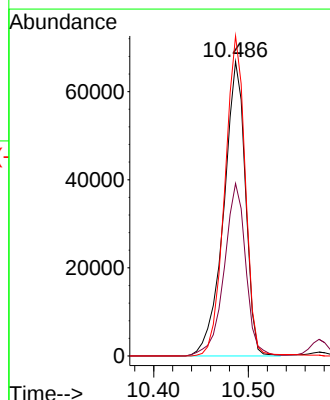
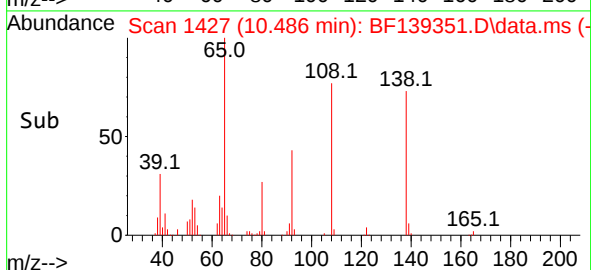
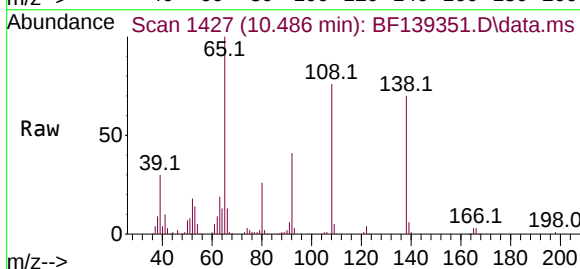
Manual Integrations
APPROVED

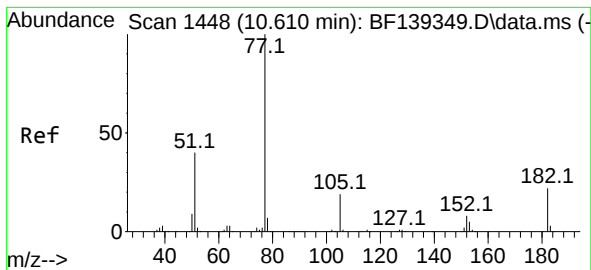
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 59.413 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:138 Resp: 106344
Ion Ratio Lower Upper
138 100
92 58.6 37.0 77.0
108 108.7 84.4 124.4





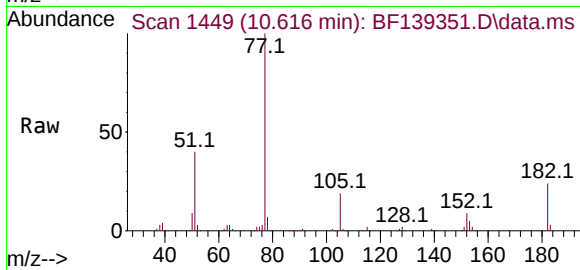
#63
Azobenzene
Concen: 59.162 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



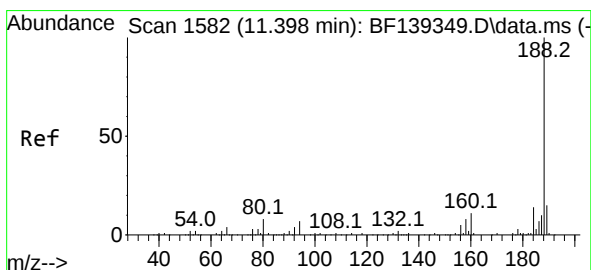
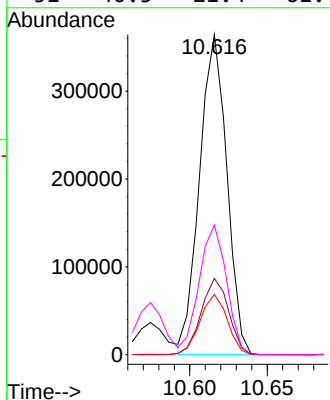
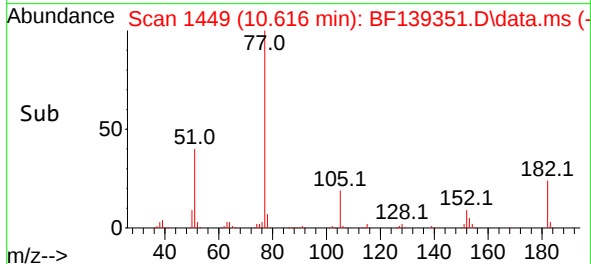
Tgt Ion: 77 Resp: 444825
Ion Ratio Lower Upper
77 100
182 23.9 1.8 41.8
105 18.8 0.0 38.6
51 40.5 21.4 61.4

Manual Integrations

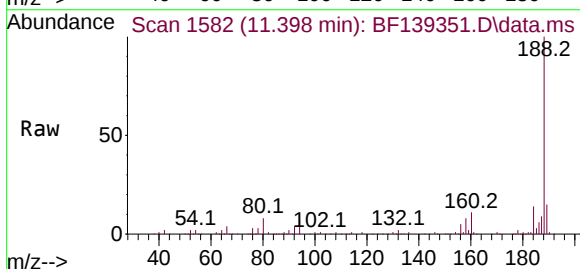
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

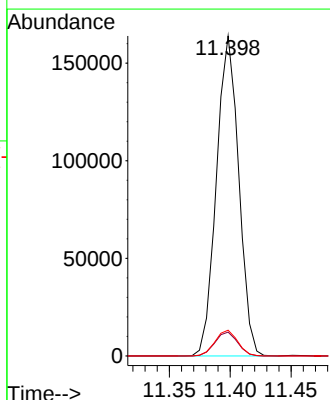
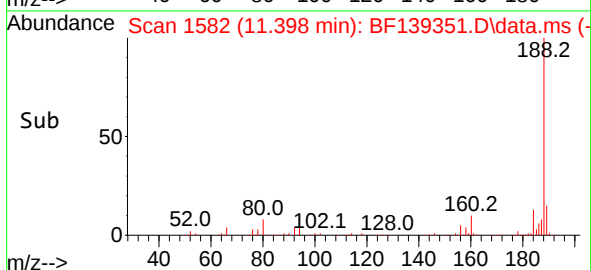
Supervised By :mohammad ahmed 09/16/2024

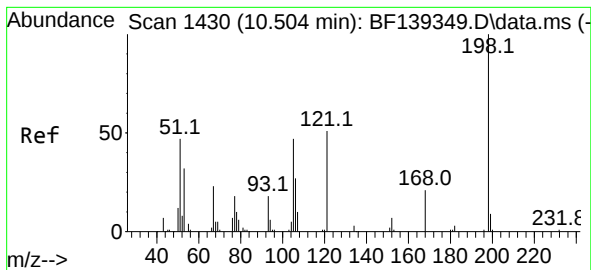


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:188 Resp: 209240
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.1 6.6 9.8





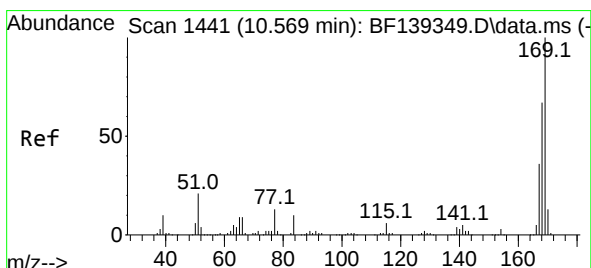
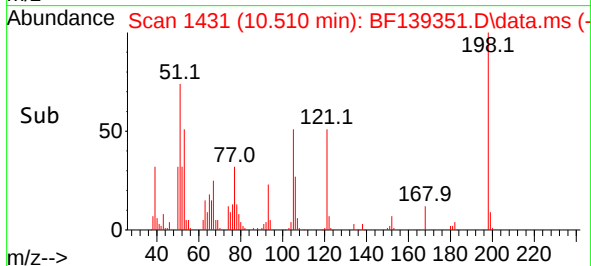
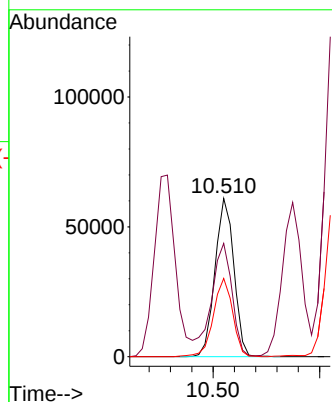
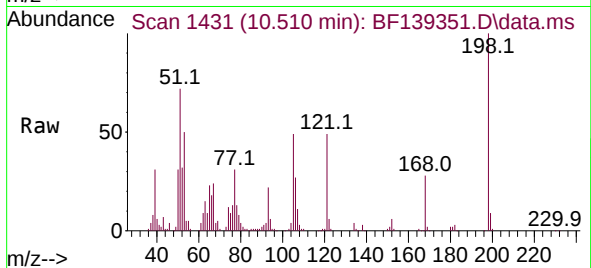
#65
4,6-Dinitro-2-methylphenol
Concen: 67.785 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 7485
Ion Ratio Lower Upper
198 100
51 71.6 50.4 90.4
105 49.4 28.3 68.3

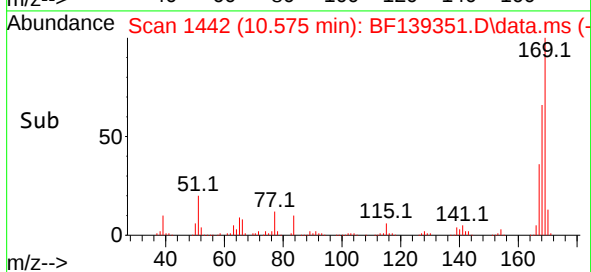
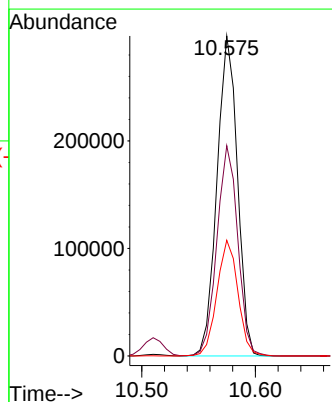
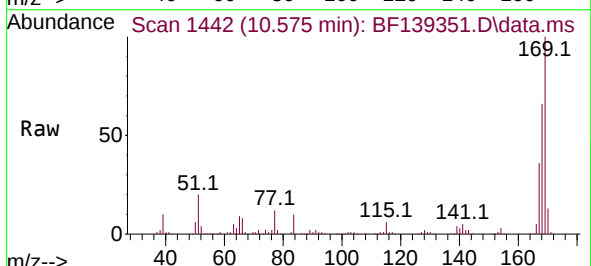
Manual Integrations
APPROVED

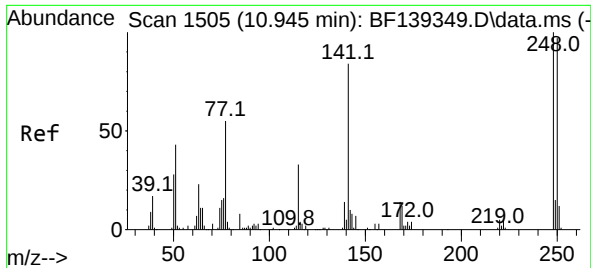
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#66
n-Nitrosodiphenylamine
Concen: 60.933 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:169 Resp: 372758
Ion Ratio Lower Upper
169 100
168 65.7 53.6 80.4
167 36.2 28.7 43.1





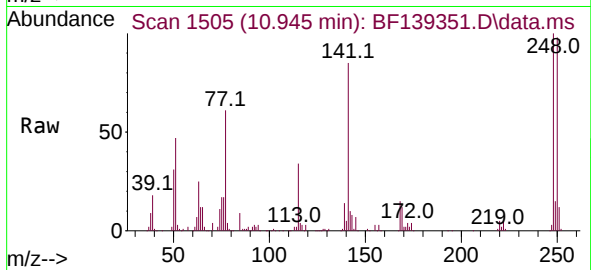
#67
4-Bromophenyl-phenylether
Concen: 62.319 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

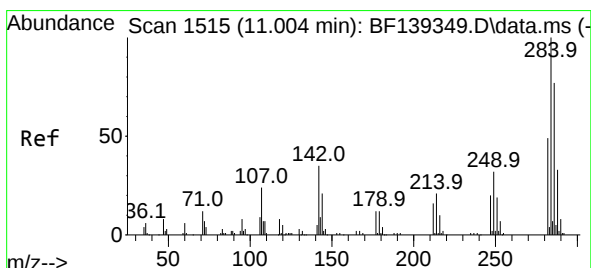
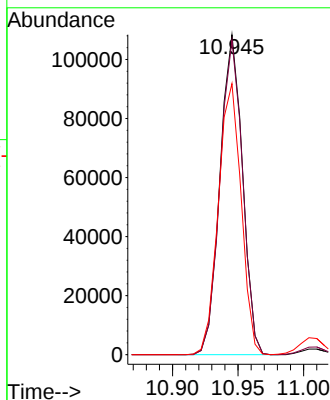
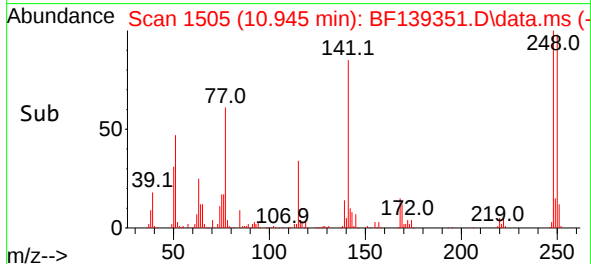


Tgt Ion:248 Resp: 129218
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 84.7 66.9 100.3

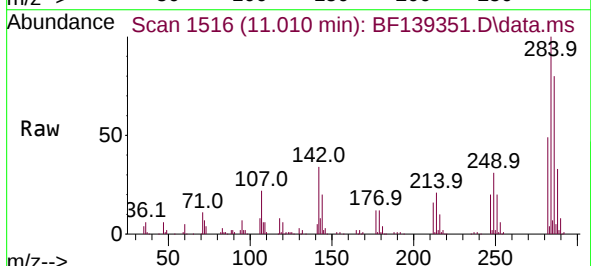
Manual Integrations

APPROVED

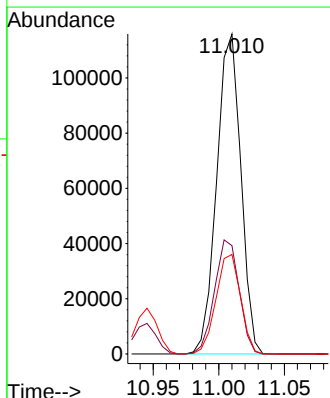
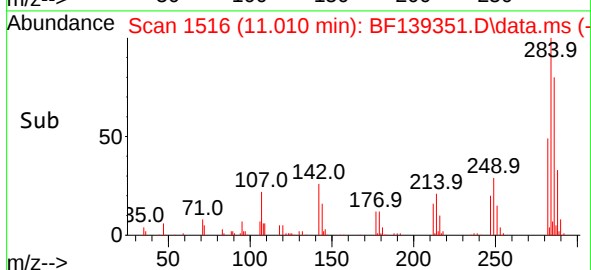
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#68
Hexachlorobenzene
Concen: 60.920 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:284 Resp: 148250
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.1 25.3 37.9





#69

Atrazine

Concen: 49.261 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

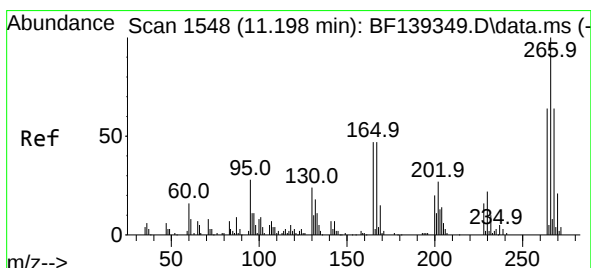
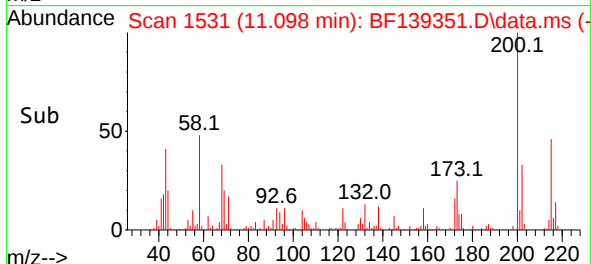
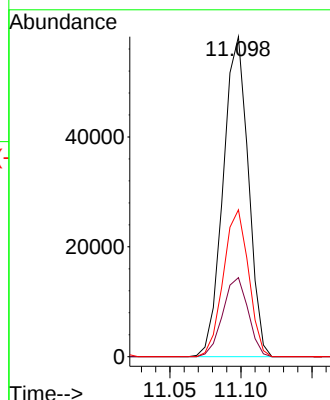
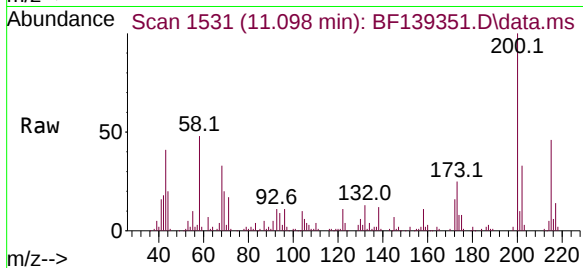
Tgt Ion:200	Resp:	7174
Ion Ratio	Lower	Upper
200	100	
173	24.7	6.1 46.1
215	45.9	28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 64.069 ng

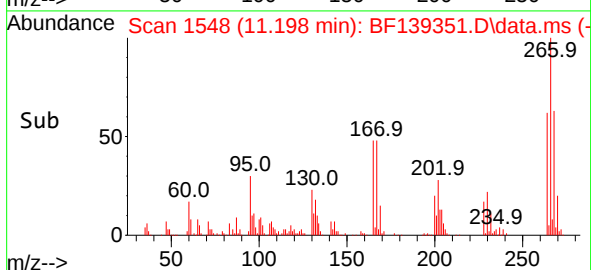
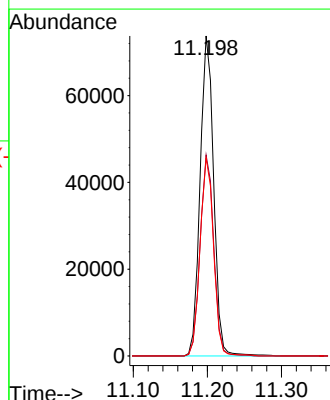
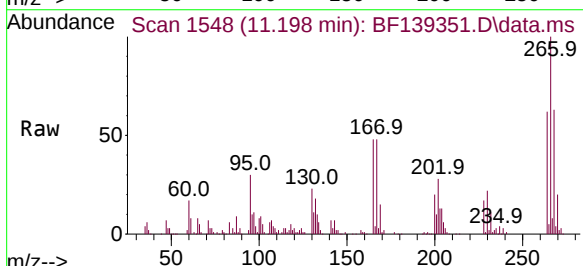
RT: 11.198 min Scan# 1548

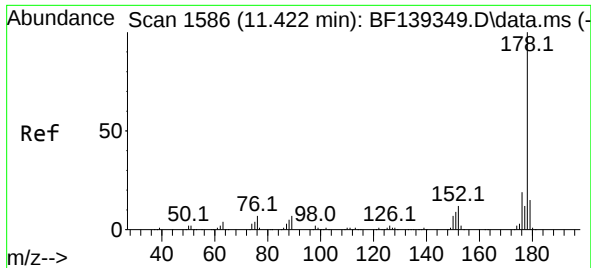
Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

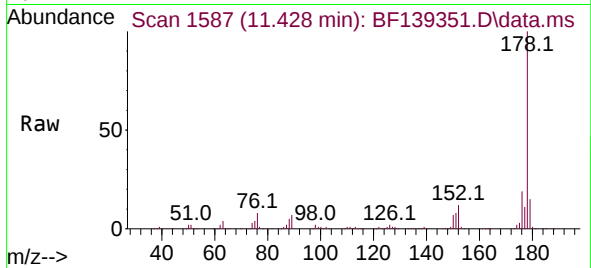
Tgt Ion:266	Resp:	93555
Ion Ratio	Lower	Upper
266	100	
268	62.7	51.1 76.7
264	61.9	51.4 77.0





#71
Phenanthrene
Concen: 60.271 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

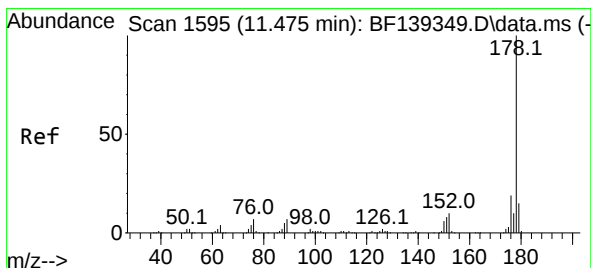
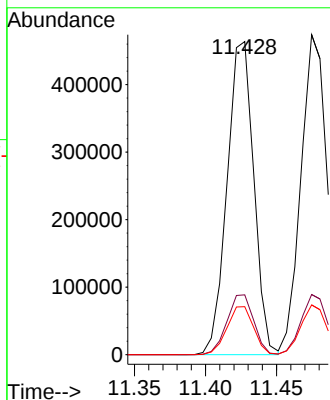
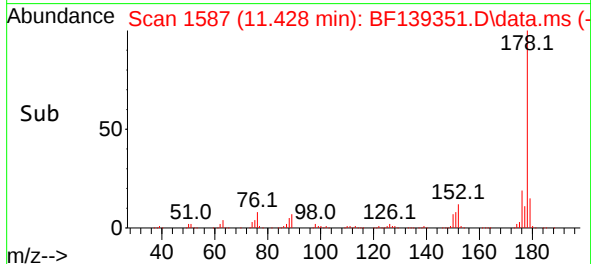
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 608434
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.2 18.4

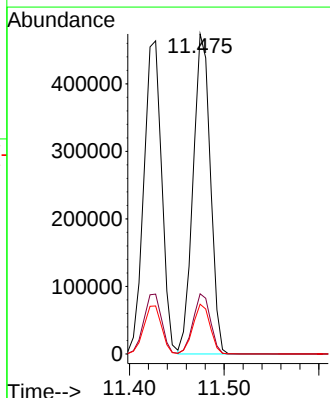
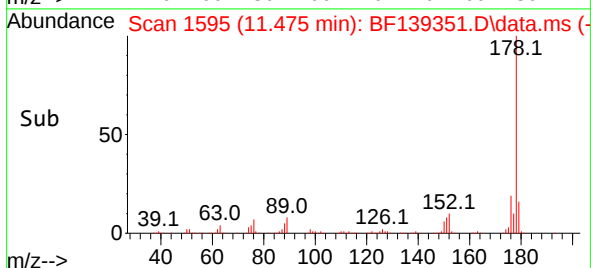
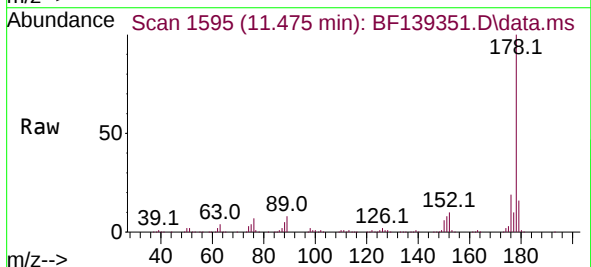
Manual Integrations
APPROVED

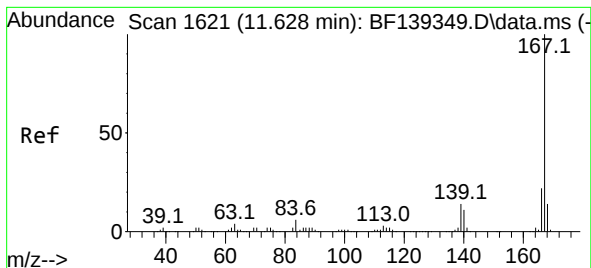
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 60.867 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Tgt Ion:178 Resp: 600764
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.0 18.0





#73

Carbazole

Concen: 58.756 ng

RT: 11.628 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF139351.D

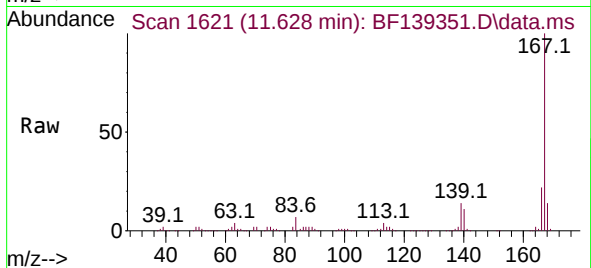
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:167 Resp: 555040

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

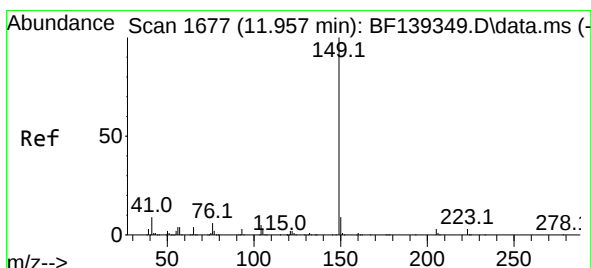
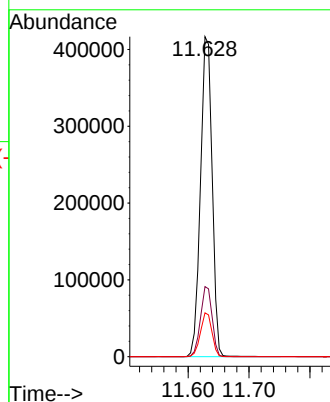
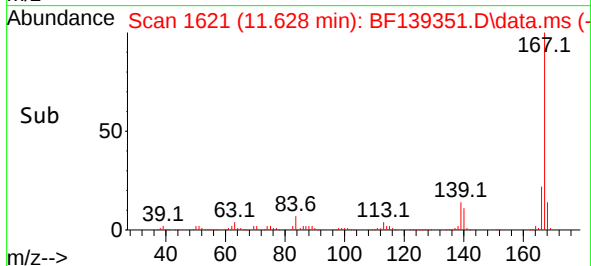
139 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#74

Di-n-butylphthalate

Concen: 61.112 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

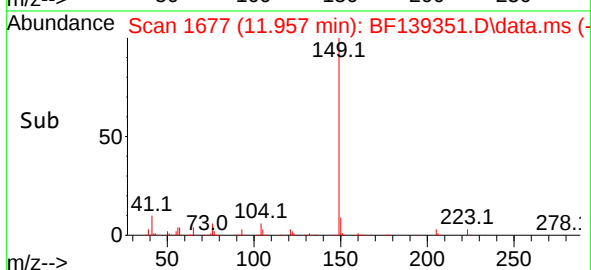
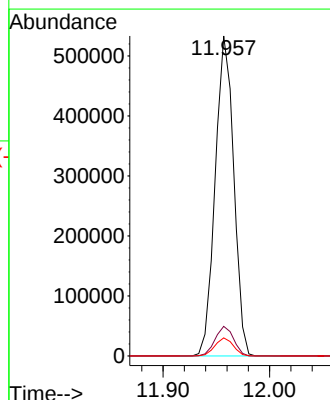
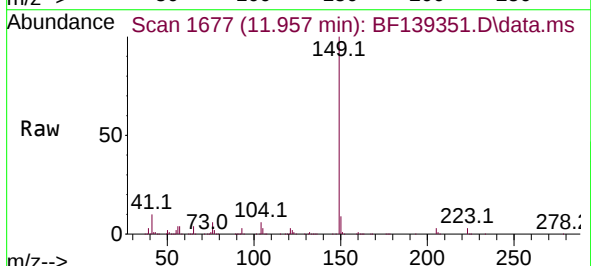
Tgt Ion:149 Resp: 643092

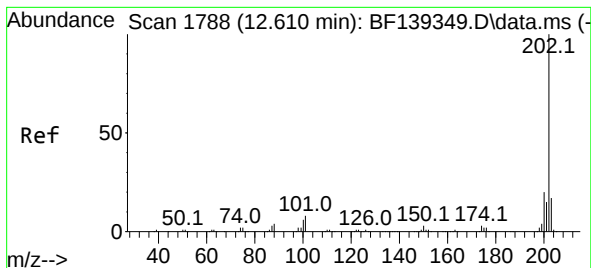
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 55.904 ng

RT: 12.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:202 Resp: 60267

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

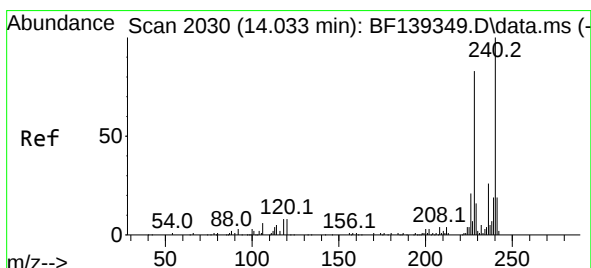
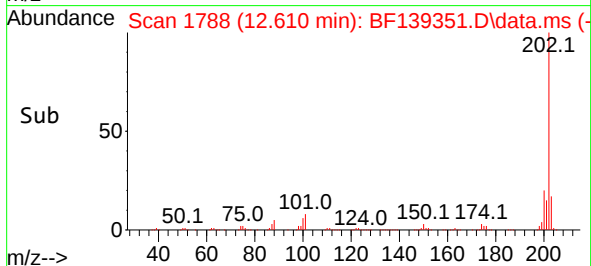
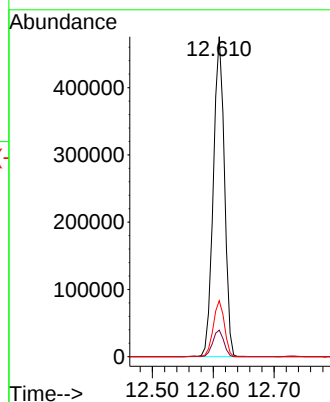
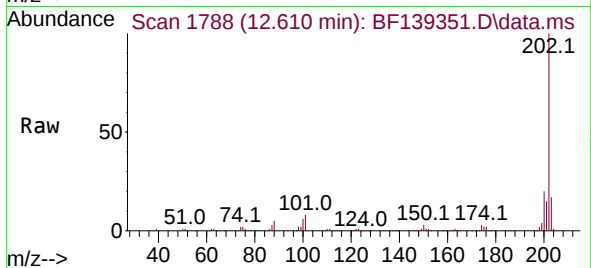
203 17.5 0.0 37.4

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: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

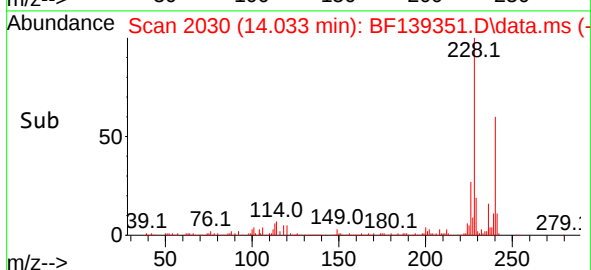
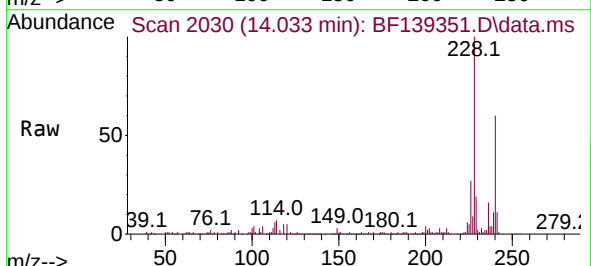
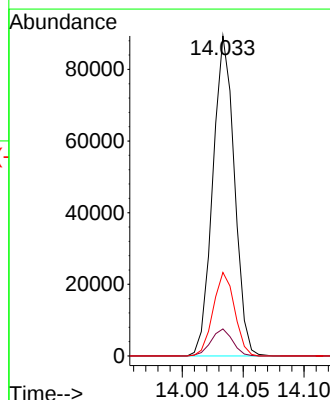
Tgt Ion:240 Resp: 110333

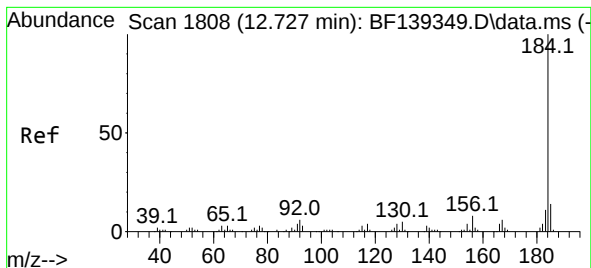
Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 26.1 20.9 31.3





#77

Benzidine

Concen: 83.882 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:184 Resp: 13259

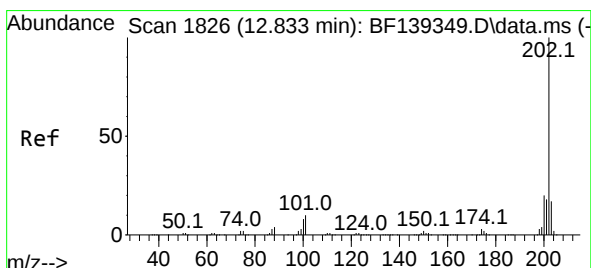
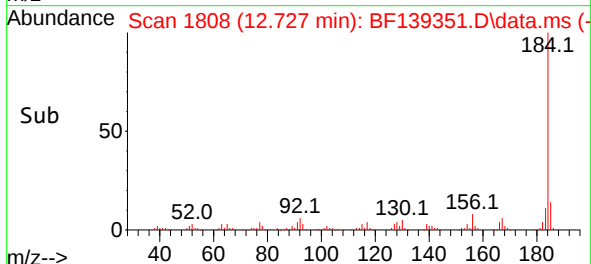
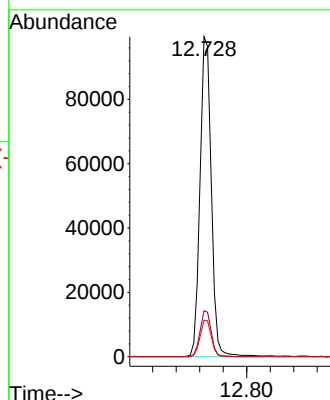
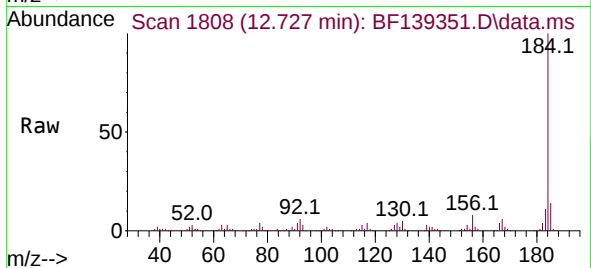
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.5	17.3
183	11.4	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#78

Pyrene

Concen: 62.235 ng

RT: 12.839 min Scan# 1827

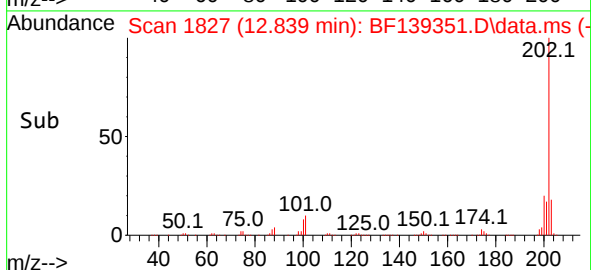
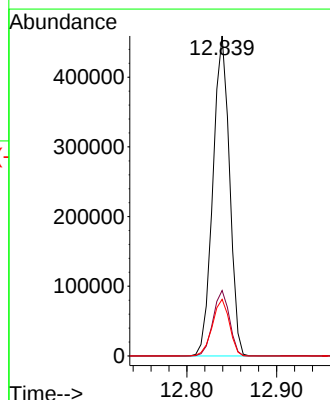
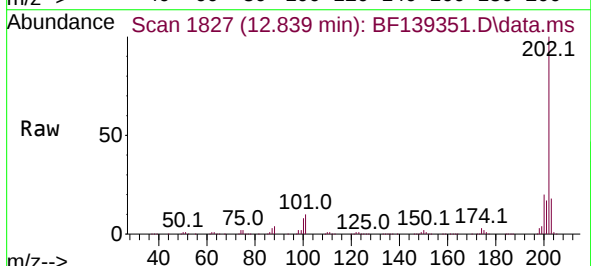
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:202 Resp: 589589

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.7	13.9	20.9





#79

Terphenyl-d14

Concen: 126.296 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139351.D

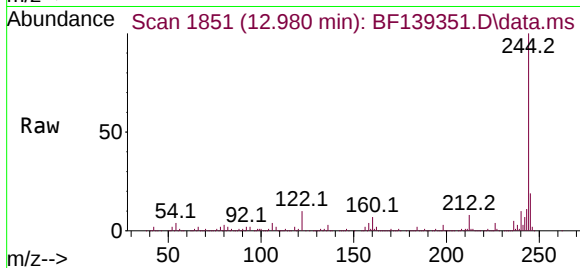
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



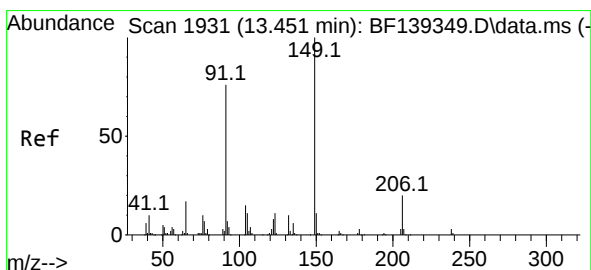
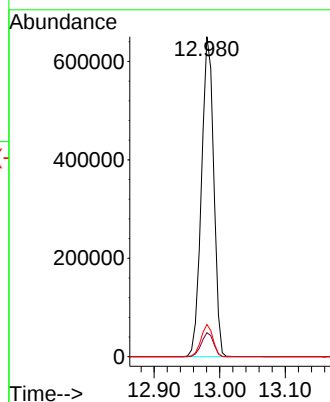
Tgt Ion:	244	Resp:	848949
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	10.0	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#80

Butylbenzylphthalate

Concen: 61.694 ng

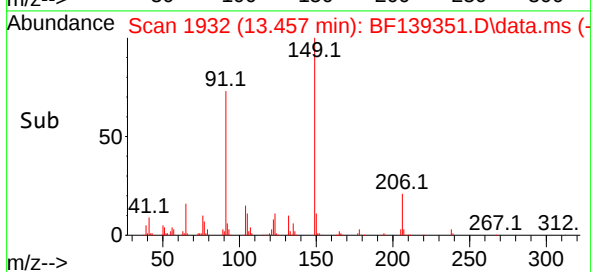
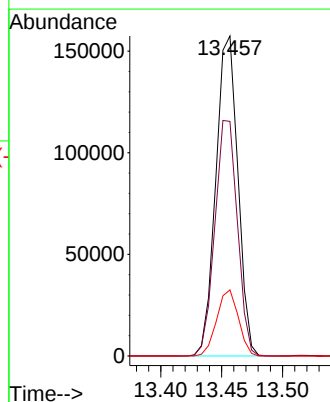
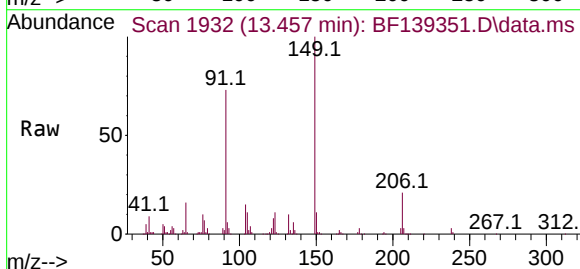
RT: 13.457 min Scan# 1932

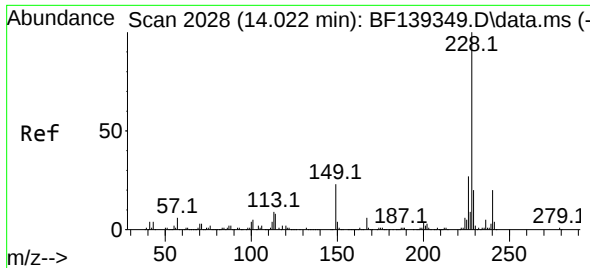
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:	149	Resp:	198939
Ion Ratio	Lower	Upper	
149	100		
91	73.3	60.9	91.3
206	20.7	15.8	23.8





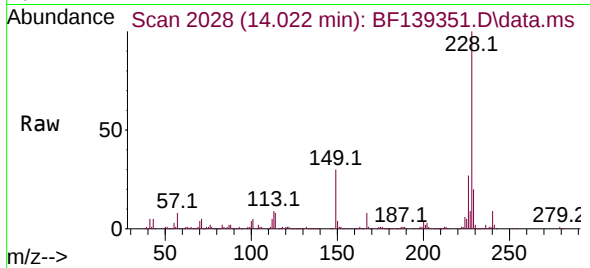
#81
Benzo(a)anthracene
Concen: 59.423 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

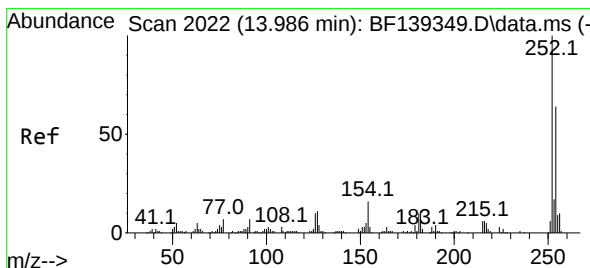
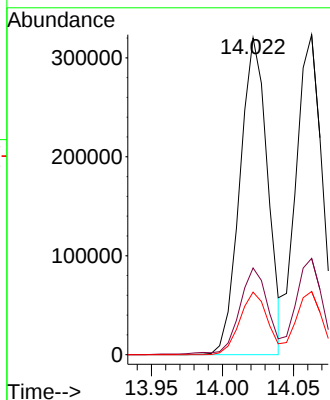
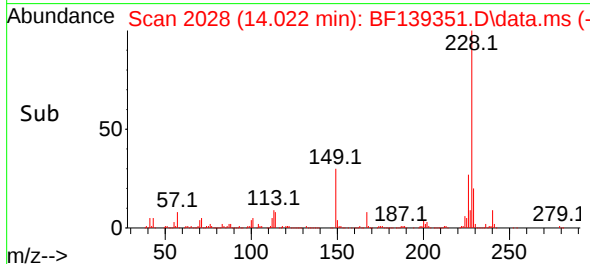


Tgt Ion:228 Resp: 43429
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.7 15.7 23.5

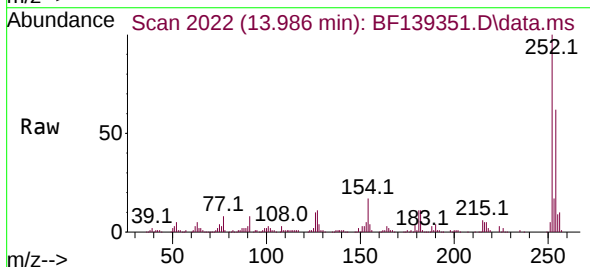
Manual Integrations

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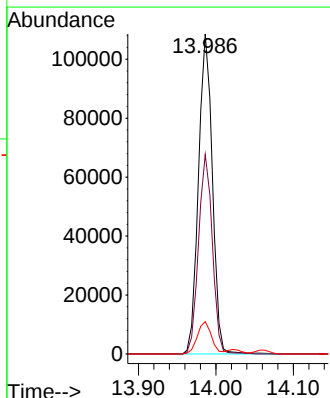
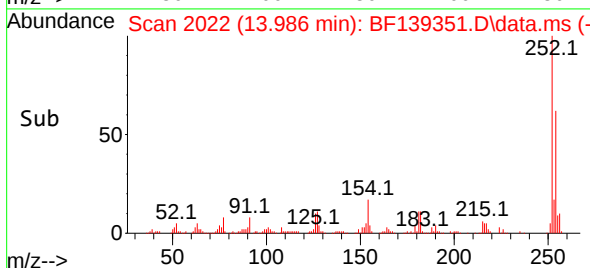
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

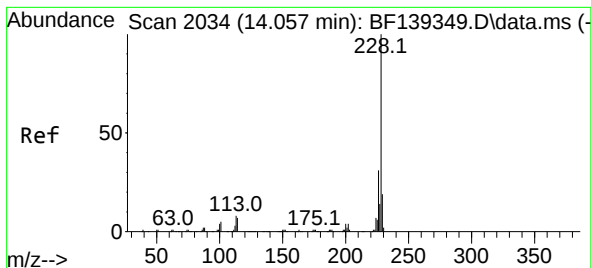


#82
3,3'-Dichlorobenzidine
Concen: 63.146 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139351.D
Acq: 13 Sep 2024 18:48



Tgt Ion:252 Resp: 135151
Ion Ratio Lower Upper
252 100
254 62.4 51.4 77.2
126 10.1 7.7 11.5





#83

Chrysene

Concen: 61.151 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

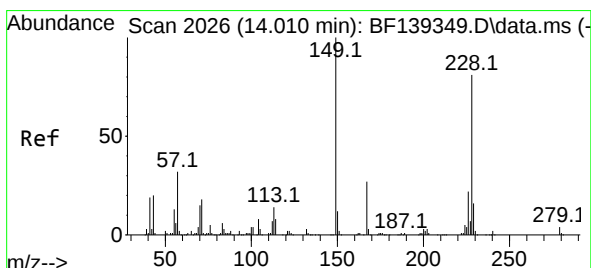
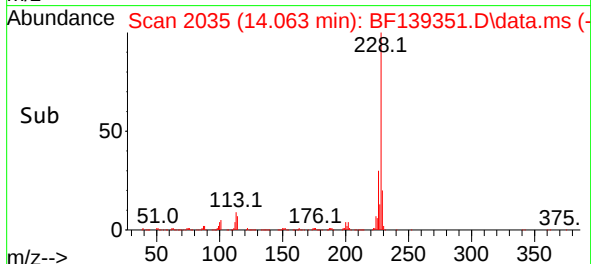
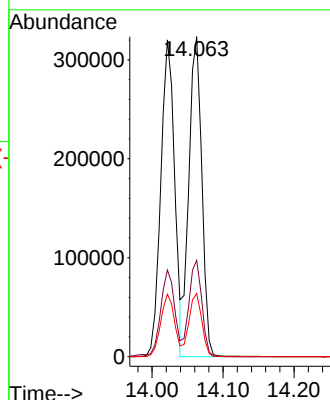
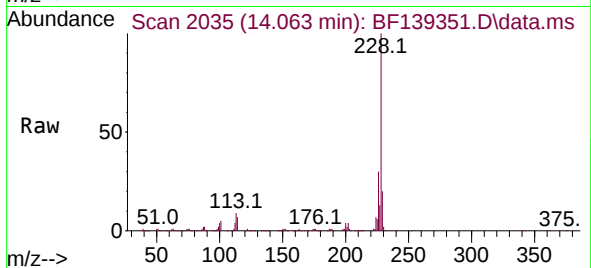
Tgt Ion:228	Resp: 411164
Ion Ratio	Lower Upper
228 100	
226 30.1	24.1 36.1
229 19.8	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.398 ng

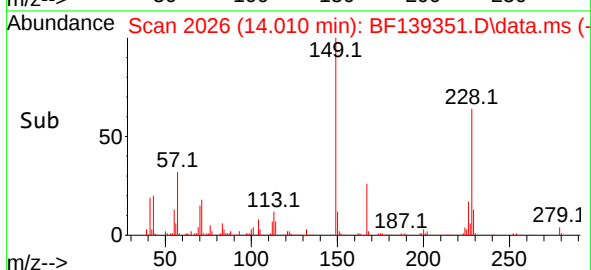
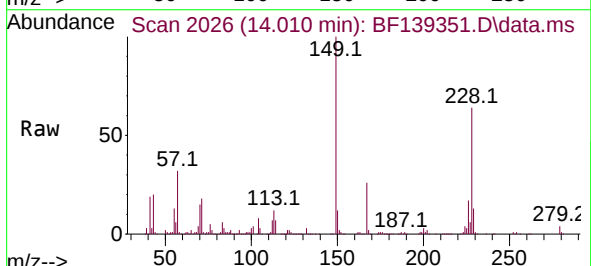
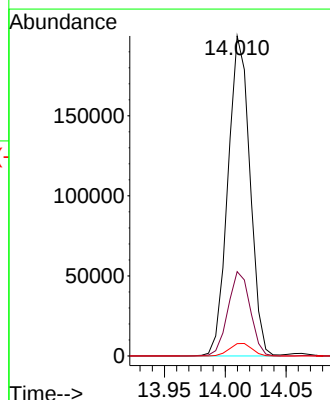
RT: 14.010 min Scan# 2026

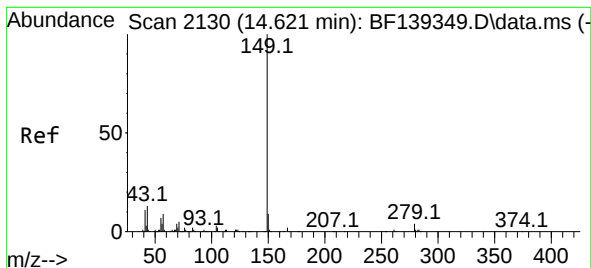
Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:149	Resp: 251863
Ion Ratio	Lower Upper
149 100	
167 26.4	21.6 32.4
279 3.9	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 65.952 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 39843

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

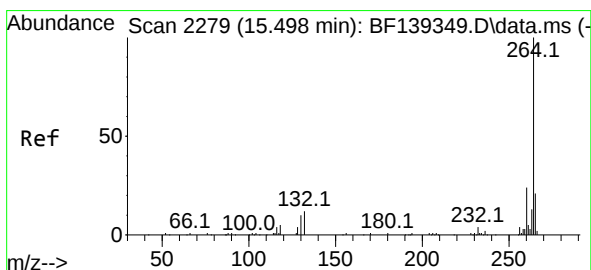
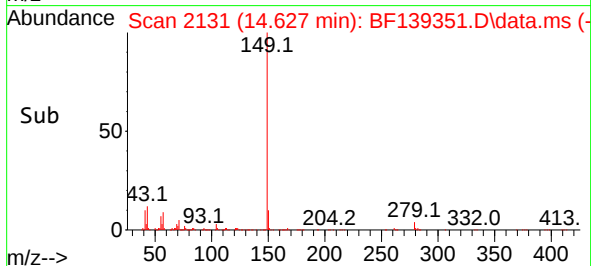
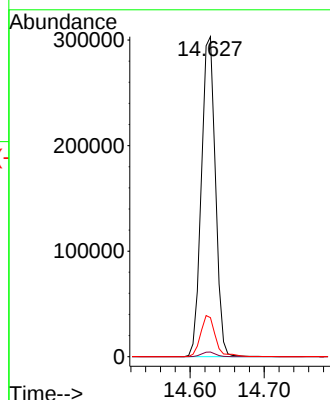
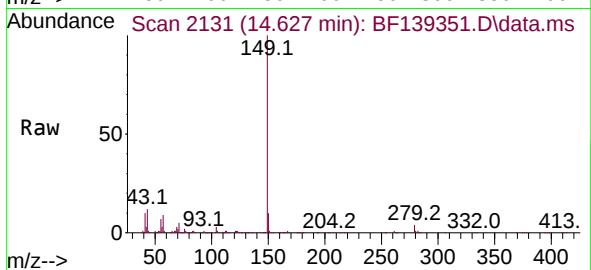
43 13.7 10.6 16.0

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: 15.498 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

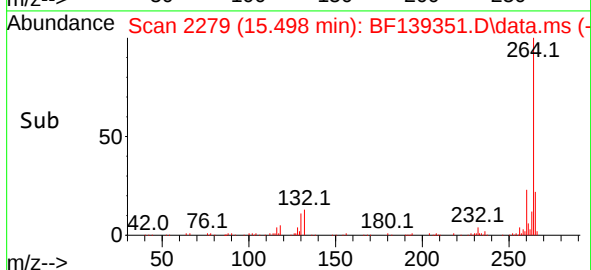
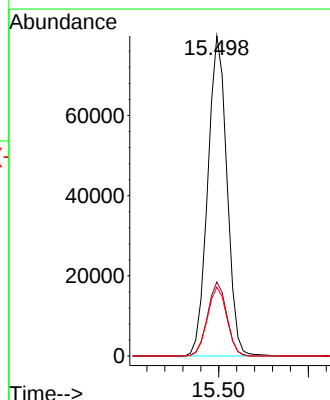
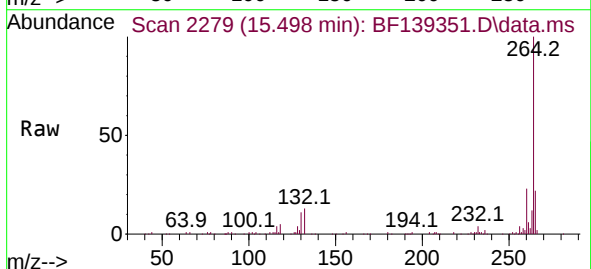
Tgt Ion:264 Resp: 118195

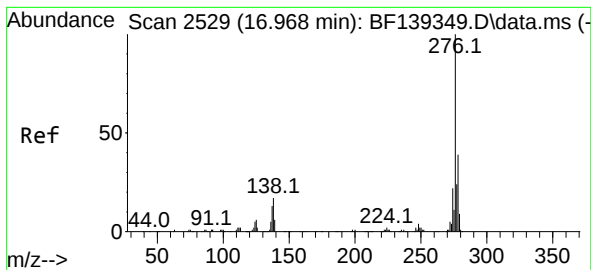
Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.249 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

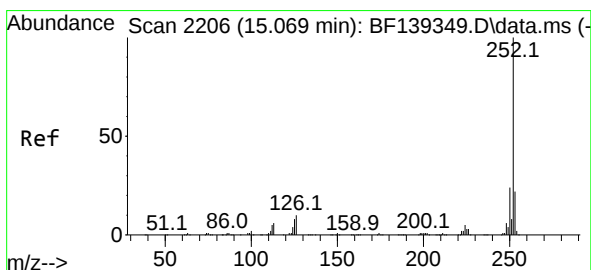
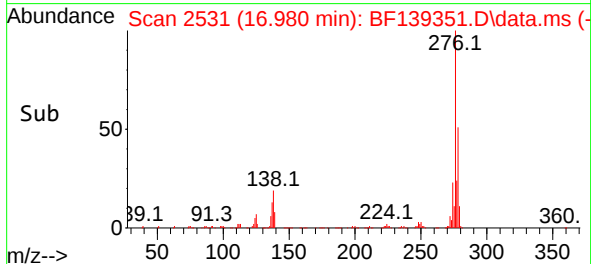
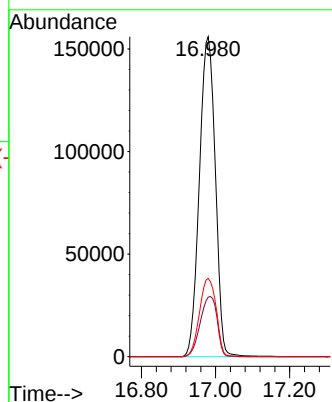
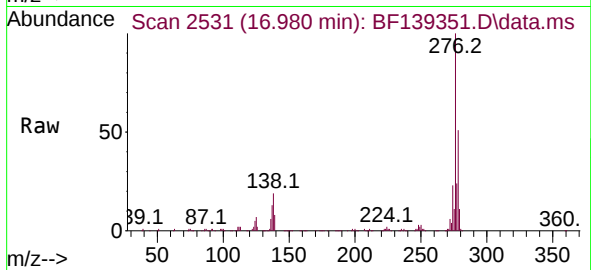
Tgt Ion:	276	Resp:	46561
Ion Ratio	Lower	Upper	
276	100		
138	19.9	15.4	23.2
277	25.6	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#88

Benzo(b)fluoranthene

Concen: 59.133 ng

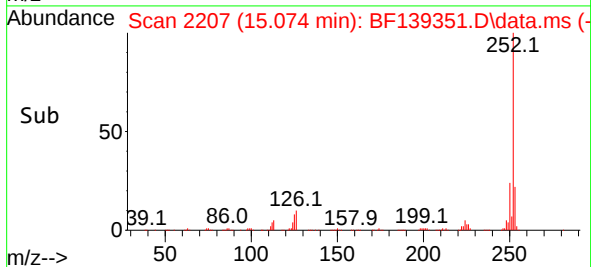
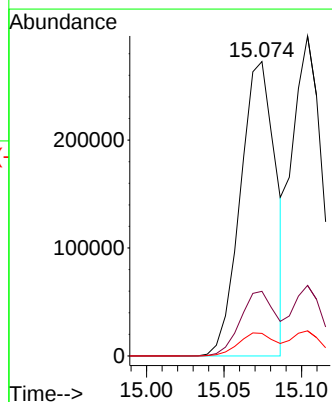
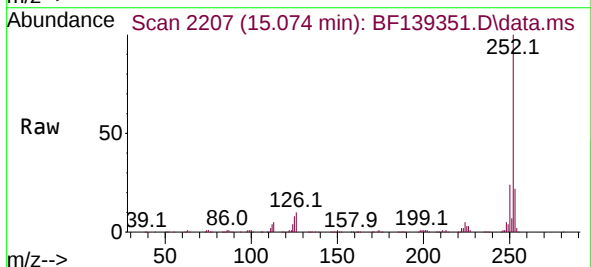
RT: 15.074 min Scan# 2207

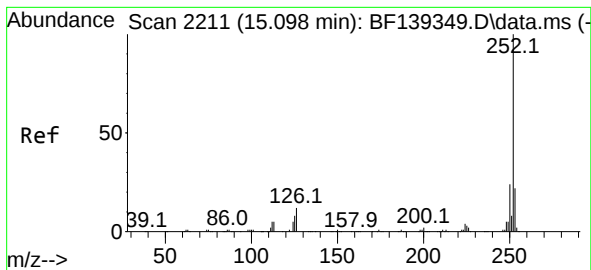
Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:	252	Resp:	431051
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	7.7	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 59.285 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 398460

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

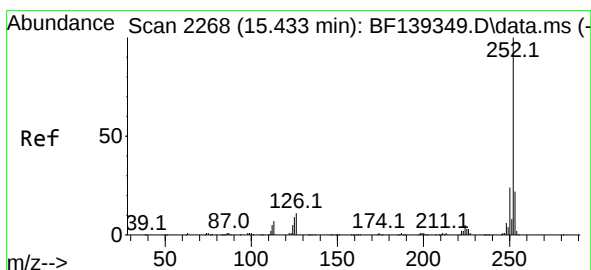
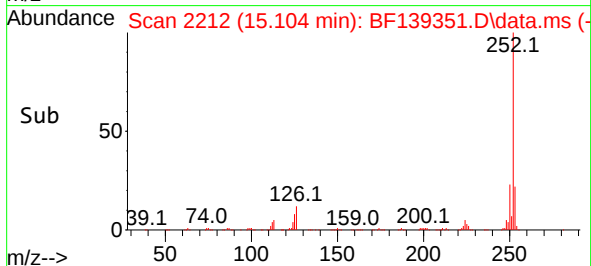
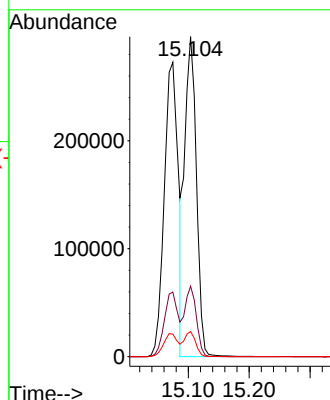
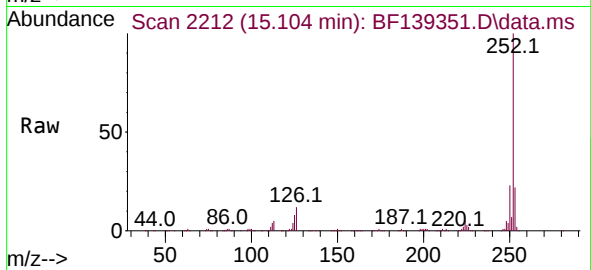
125 7.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#90

Benzo(a)pyrene

Concen: 61.920 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

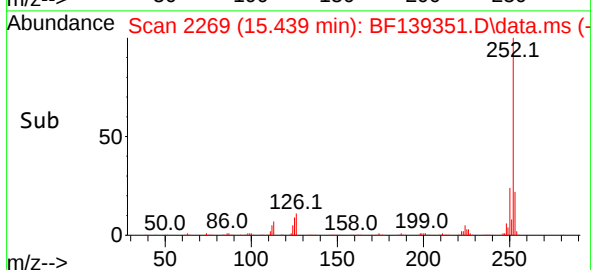
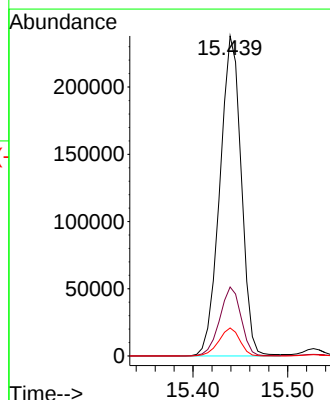
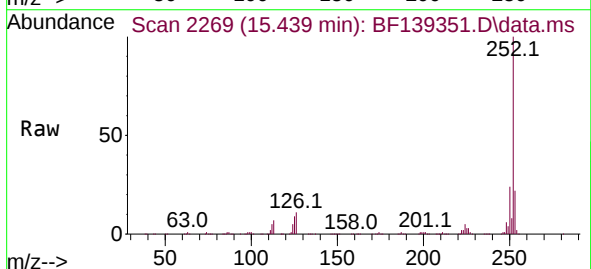
Tgt Ion:252 Resp: 374337

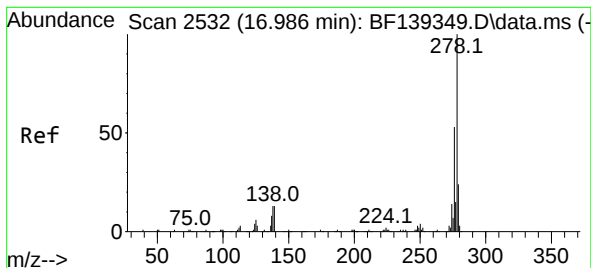
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.7 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 67.730 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

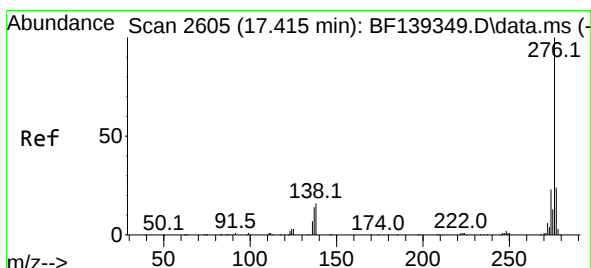
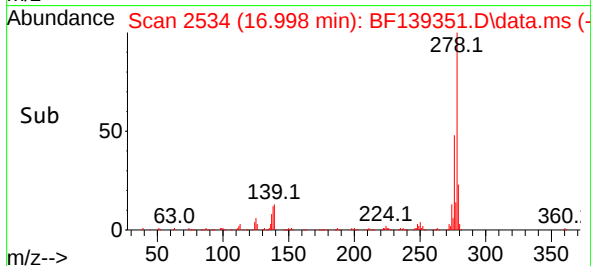
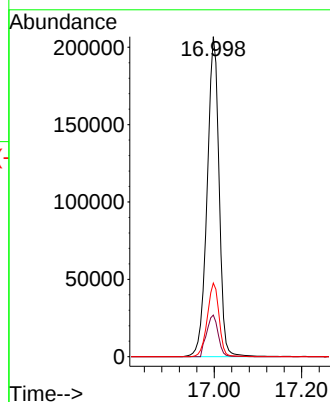
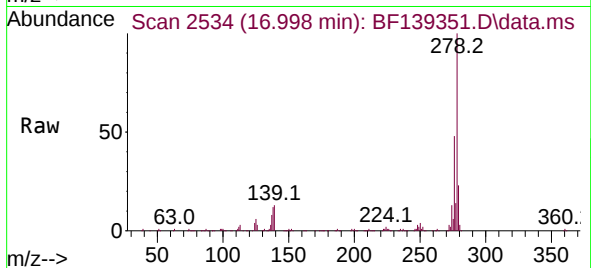
Tgt Ion:278 Resp: 393340
 Ion Ratio Lower Upper
 278 100
 139 13.0 10.2 15.2
 279 23.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 65.709 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF139351.D

Acq: 13 Sep 2024 18:48

Tgt Ion:276 Resp: 377847
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.9 28.3
 138 17.0 13.0 19.6

