

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139547.D
 Acq On : 26 Sep 2024 14:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 15:28:28 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 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	98137	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	356955	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	194544	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	331270	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	182508	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	210199	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	457271	76.013	ng	0.00
7) Phenol-d6	6.516	99	594855	75.336	ng	0.01
23) Nitrobenzene-d5	7.445	82	566085	74.554	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	139937	67.565	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1011297	72.907	ng	0.00
79) Terphenyl-d14	12.986	244	790938	71.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	94834	39.293	ng	98
3) Pyridine	3.393	79	236746	44.491	ng	97
4) n-Nitrosodimethylamine	3.352	42	157789	34.211	ng	# 80
6) Aniline	6.545	93	250522	42.042	ng	95
8) 2-Chlorophenol	6.669	128	239809	38.726	ng	99
9) Benzaldehyde	6.434	77	212557	46.593	ng	97
10) Phenol	6.528	94	316002	39.294	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	236336	38.665	ng	100
12) 1,3-Dichlorobenzene	6.822	146	274063	38.916	ng	97
13) 1,4-Dichlorobenzene	6.898	146	275148	38.662	ng	98
14) 1,2-Dichlorobenzene	7.051	146	258771	38.481	ng	98
15) Benzyl Alcohol	7.022	79	225656	35.821	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	414363	43.988	ng	89
17) 2-Methylphenol	7.134	107	194191	39.470	ng	97
18) Hexachloroethane	7.392	117	103881	38.323	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	180687	38.616	ng	97
20) 3+4-Methylphenols	7.287	107	241787	36.021	ng	# 87
22) Acetophenone	7.287	105	340138	36.449	ng	98
24) Nitrobenzene	7.463	77	294349	37.666	ng	98
25) Isophorone	7.698	82	475673	39.612	ng	99
26) 2-Nitrophenol	7.781	139	128111	42.078	ng	88
27) 2,4-Dimethylphenol	7.816	122	159033	39.599	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	287186	41.963	ng	98
29) 2,4-Dichlorophenol	8.022	162	199523	39.107	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	228461	38.431	ng	98
31) Naphthalene	8.186	128	723439	38.821	ng	100
32) Benzoic acid	7.939	122	149739	39.842	ng	89
33) 4-Chloroaniline	8.234	127	233948	41.037	ng	97
34) Hexachlorobutadiene	8.298	225	148126	36.676	ng	99
35) Caprolactam	8.604	113	62334	39.718	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	218469	37.468	ng	96
37) 2-Methylnaphthalene	8.875	142	459444	38.843	ng	99
38) 1-Methylnaphthalene	8.975	142	447304	38.519	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	220274	38.204	ng	99
41) Hexachlorocyclopentadiene	9.022	237	70219	34.880	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	146362	39.018	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154674	39.091	ng	97
46) 1,1'-Biphenyl	9.339	154	583063	38.957	ng	100
47) 2-Chloronaphthalene	9.363	162	437121	39.061	ng	100
48) 2-Nitroaniline	9.463	65	154388	37.092	ng	95
49) Acenaphthylene	9.780	152	655044	38.886	ng	99
50) Dimethylphthalate	9.639	163	480758	37.651	ng	99
51) 2,6-Dinitrotoluene	9.704	165	111574	39.444	ng	90
52) Acenaphthene	9.951	154	440824	37.495	ng	100
53) 3-Nitroaniline	9.875	138	109488	38.730	ng	89
54) 2,4-Dinitrophenol	9.980	184	56572	35.891	ng	# 85
55) Dibenzofuran	10.122	168	616692	37.634	ng	95
56) 4-Nitrophenol	10.033	139	75985	32.484	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	144436	37.821	ng	95
58) Fluorene	10.463	166	489958	36.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119434	36.489	ng	96
60) Diethylphthalate	10.333	149	486000	36.883	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	238648	36.728	ng	94
62) 4-Nitroaniline	10.480	138	99670	32.305	ng	87
63) Azobenzene	10.616	77	488047	37.658	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	75316	43.077	ng	96
66) n-Nitrosodiphenylamine	10.575	169	403705	41.683	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	137670	41.937	ng	97
68) Hexachlorobenzene	11.010	284	151199	39.244	ng	99
69) Atrazine	11.098	200	74813	32.446	ng	99
70) Pentachlorophenol	11.204	266	82601	35.730	ng	99
71) Phenanthrene	11.427	178	615029	38.482	ng	100
72) Anthracene	11.480	178	606708	38.826	ng	99
73) Carbazole	11.633	167	555355	37.133	ng	99
74) Di-n-butylphthalate	11.957	149	639479	38.383	ng	99
75) Fluoranthene	12.616	202	601125	35.220	ng	99
77) Benzidine	12.739	184	126833	48.506	ng	99
78) Pyrene	12.845	202	591858	37.768	ng	100
80) Butylbenzylphthalate	13.457	149	216050	40.504	ng	97
81) Benzo(a)anthracene	14.027	228	483978	40.034	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	144256	40.746	ng	99
83) Chrysene	14.068	228	418604	37.637	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	279102	41.132	ng	100
85) Di-n-octyl phthalate	14.627	149	486383	48.672	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	493053	39.447	ng	97
88) Benzo(b)fluoranthene	15.080	252	505528m	38.996	ng	
89) Benzo(k)fluoranthene	15.115	252	427495	35.765	ng	99
90) Benzo(a)pyrene	15.451	252	422396	39.287	ng	# 98
91) Dibenzo(a,h)anthracene	17.015	278	406465	39.355	ng	98
92) Benzo(g,h,i)perylene	17.451	276	407700	39.868	ng	97

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



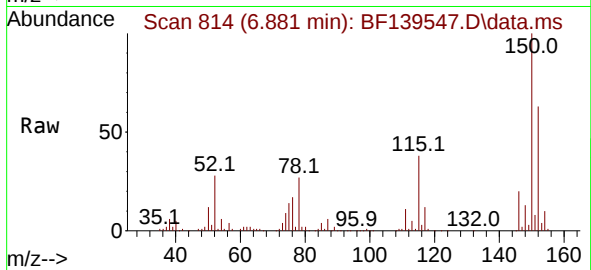
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

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SSTDCCC040

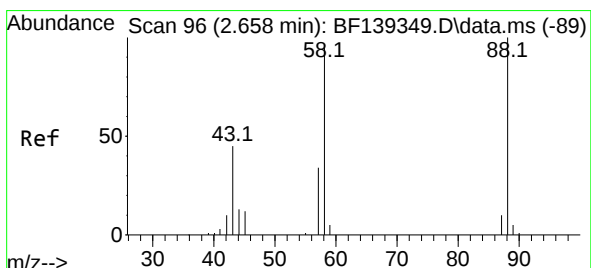
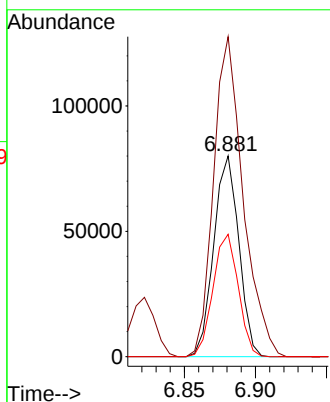
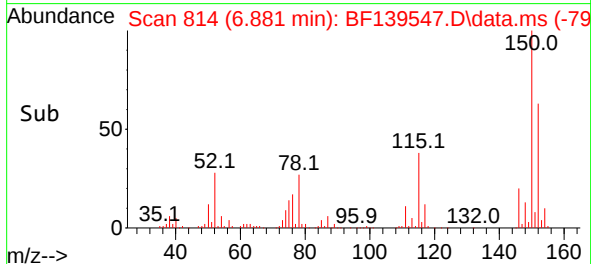


Tgt Ion:152 Resp: 9813
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 60.9 48.1 72.1

Manual Integrations

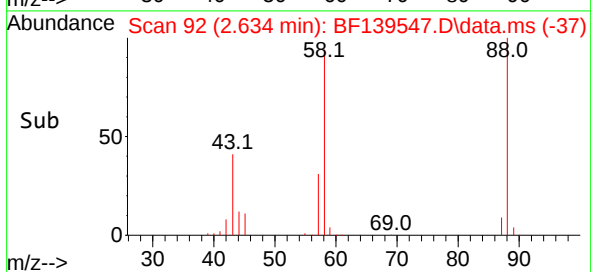
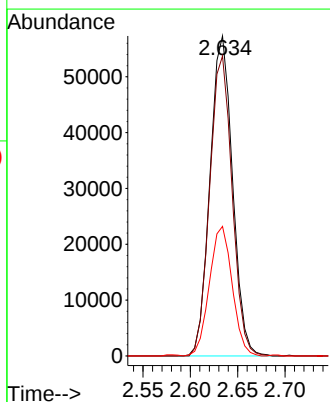
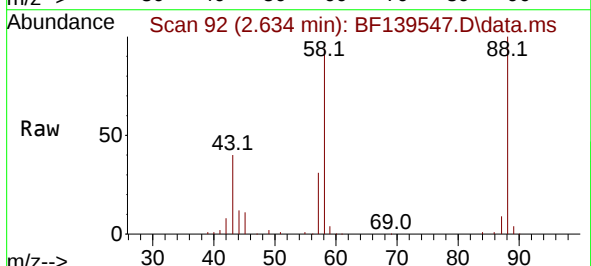
APPROVED

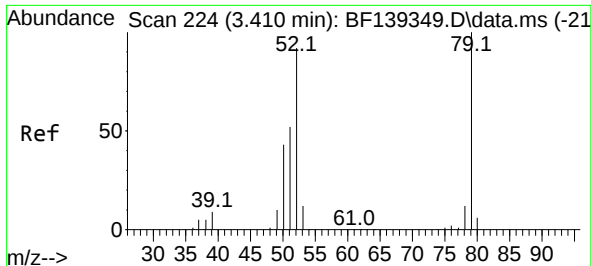
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#2
1,4-Dioxane
Concen: 39.293 ng
RT: 2.634 min Scan# 92
Delta R.T. -0.024 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion: 88 Resp: 94834
Ion Ratio Lower Upper
88 100
58 93.2 74.8 112.2
43 40.9 36.4 54.6





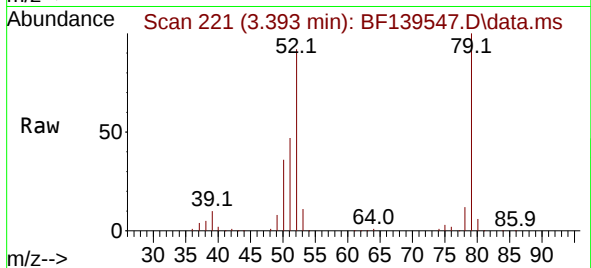
#3
Pyridine
Concen: 44.491 ng
RT: 3.393 min Scan# 214
Delta R.T. -0.018 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

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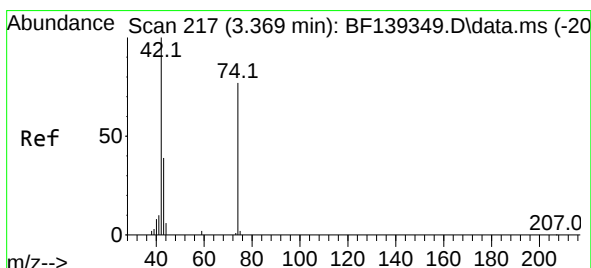
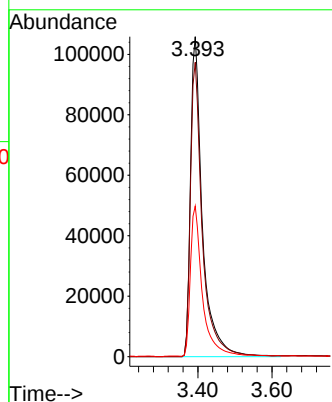
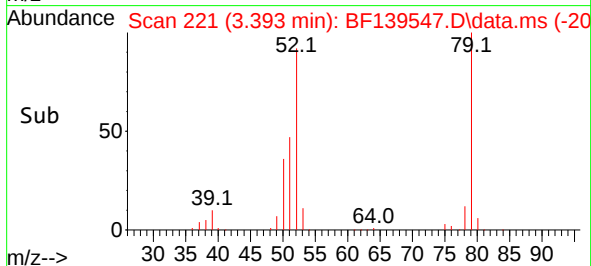


Tgt Ion: 79 Resp: 236740
Ion Ratio Lower Upper
79 100
52 92.0 73.8 110.8
51 47.0 41.8 62.6

Manual Integrations

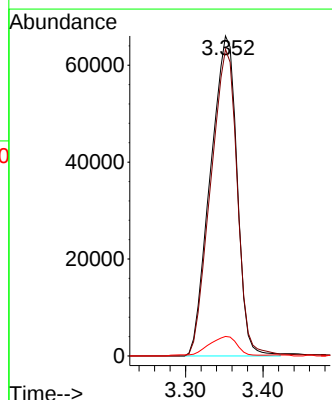
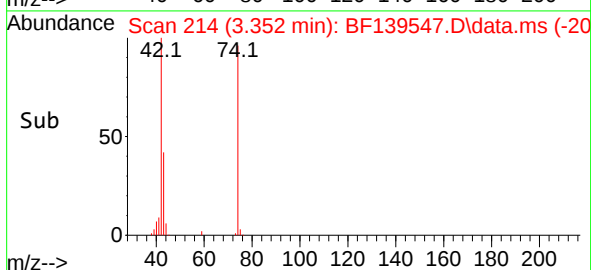
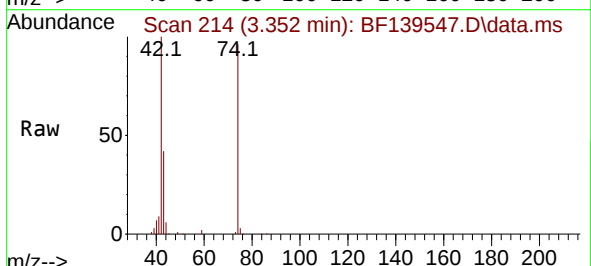
APPROVED

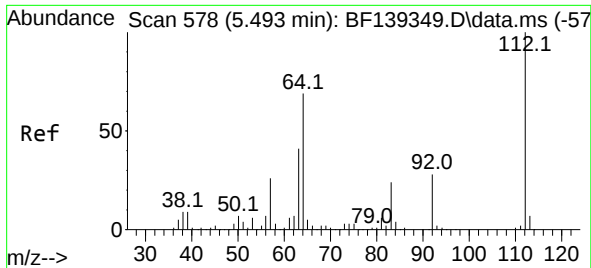
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#4
n-Nitrosodimethylamine
Concen: 34.211 ng
RT: 3.352 min Scan# 214
Delta R.T. -0.018 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion: 42 Resp: 157789
Ion Ratio Lower Upper
42 100
74 95.9 61.8 92.8#
44 6.1 4.8 7.2





#5
2-Fluorophenol
Concen: 76.013 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

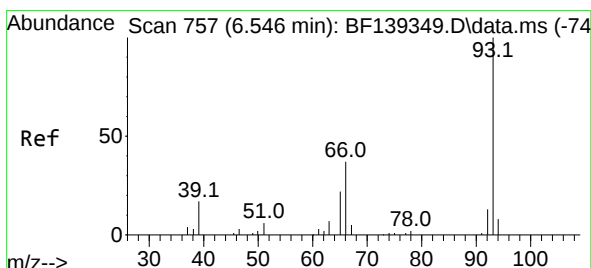
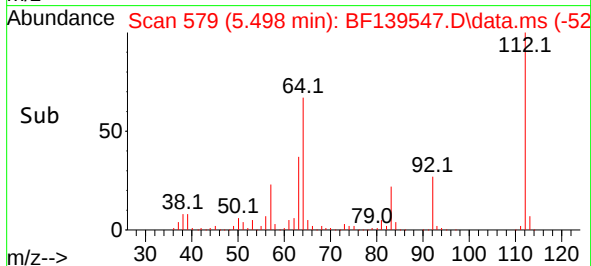
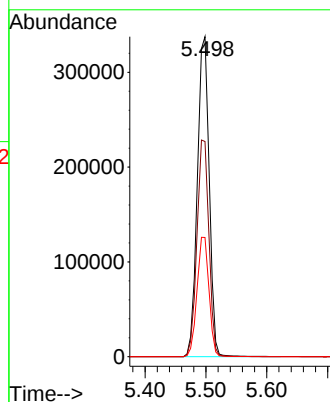
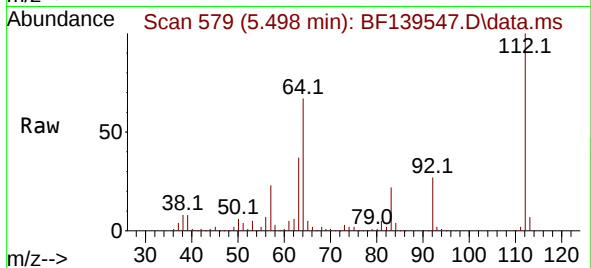
SSTDCCC040

Tgt Ion:112 Resp: 45727
Ion Ratio Lower Upper
112 100
64 67.2 54.8 82.2
63 37.3 33.0 49.4

Manual Integrations

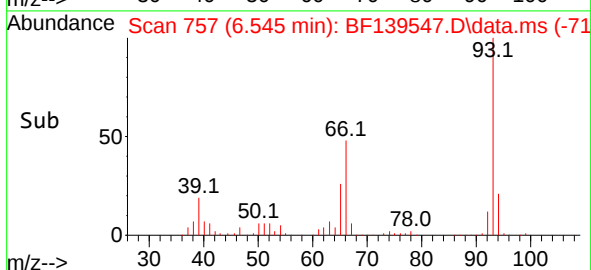
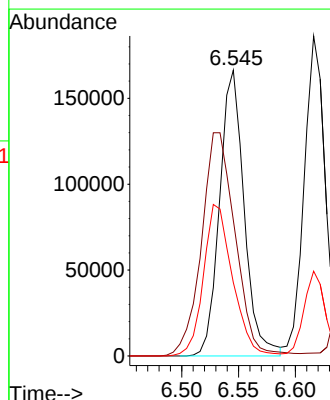
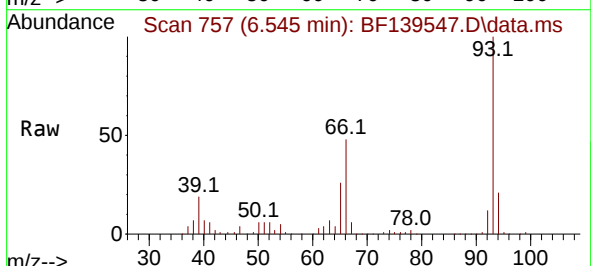
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Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#6
Aniline
Concen: 42.042 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion: 93 Resp: 250522
Ion Ratio Lower Upper
93 100
66 47.5 35.4 53.0
65 25.7 18.2 27.4





#7

Phenol-d6

Concen: 75.336 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 59485

Ion Ratio Lower Upper

99 100

42 23.8 21.9 32.9

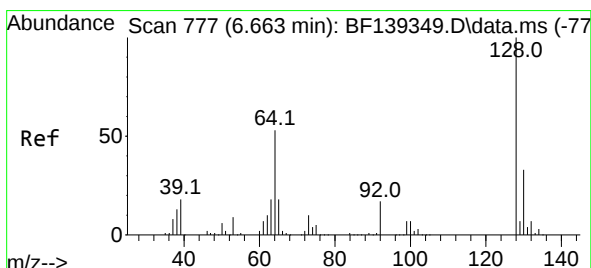
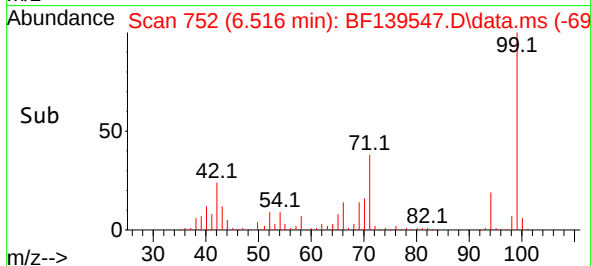
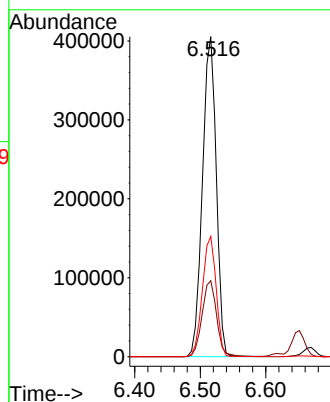
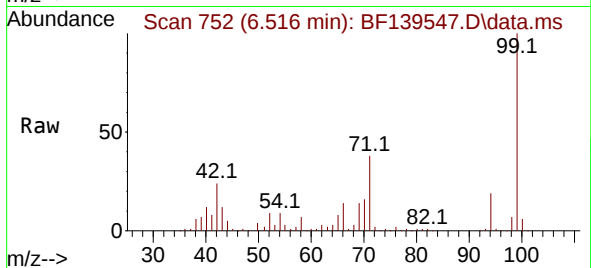
71 37.5 34.6 52.0

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#8

2-Chlorophenol

Concen: 38.726 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

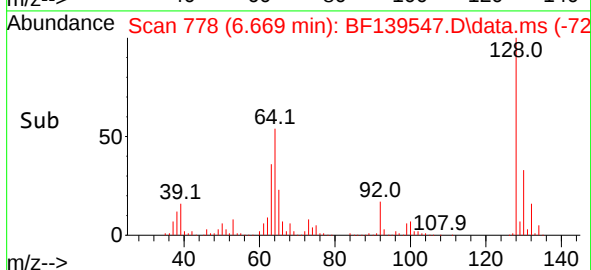
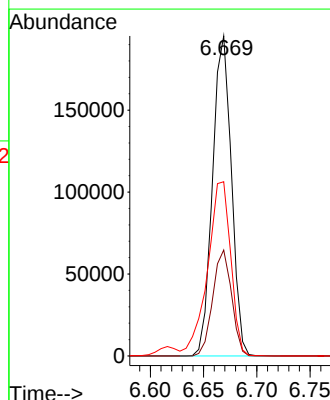
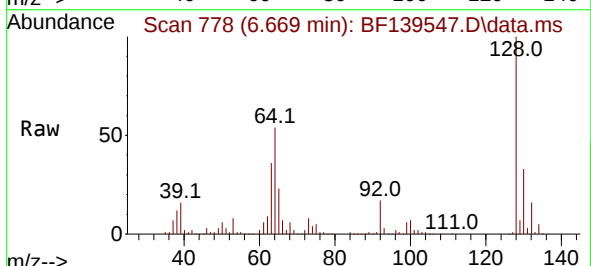
Tgt Ion:128 Resp: 239809

Ion Ratio Lower Upper

128 100

130 33.1 12.8 52.8

64 54.4 35.1 75.1





#9

Benzaldehyde

Concen: 46.593 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

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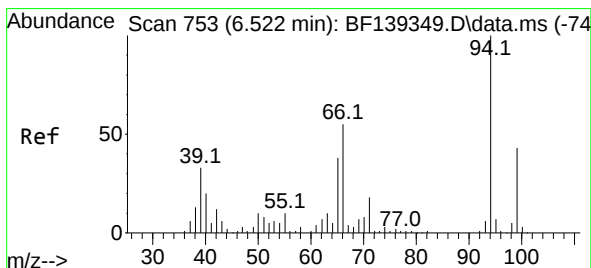
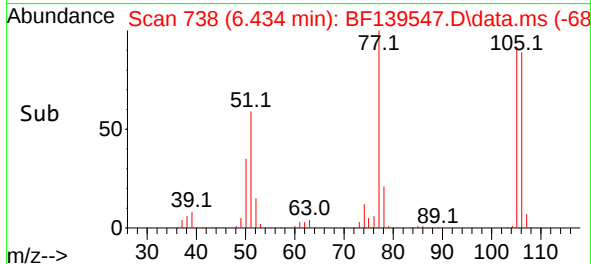
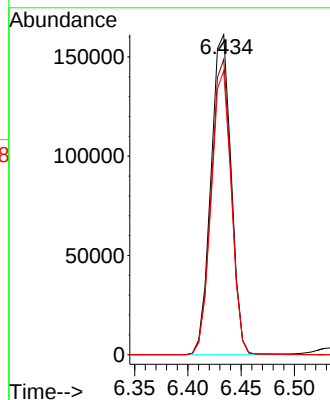
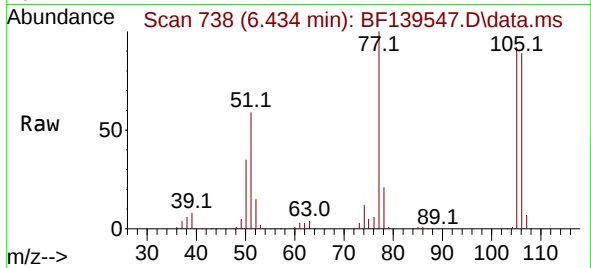
Tgt Ion:	77	Resp:	21255
Ion Ratio	Lower	Upper	
77	100		
105	92.3	71.0	111.0
106	88.7	64.9	104.9

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2024



#10

Phenol

Concen: 39.294 ng

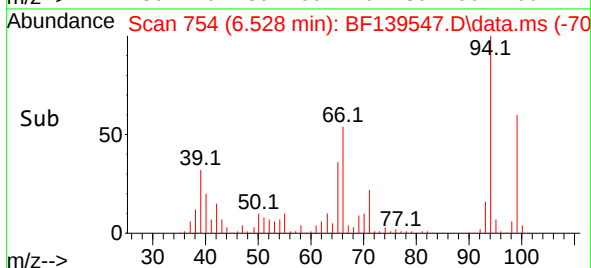
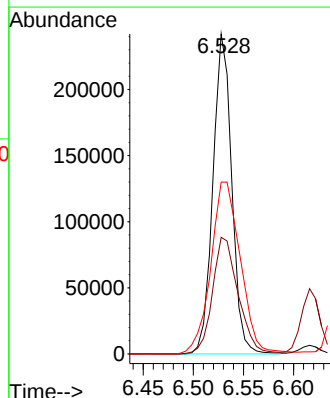
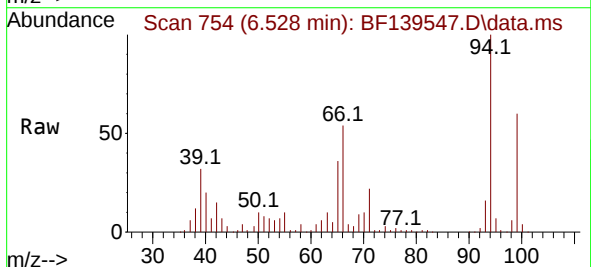
RT: 6.528 min Scan# 754

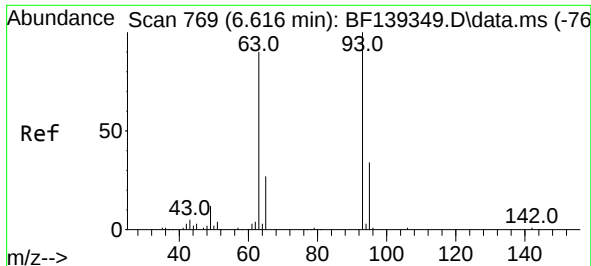
Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Tgt Ion:	94	Resp:	316002
Ion Ratio	Lower	Upper	
94	100		
65	36.5	17.6	57.6
66	53.7	35.2	75.2





#11

bis(2-Chloroethyl)ether

Concen: 38.665 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

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Tgt Ion: 93 Resp: 236330

Ion Ratio Lower Upper

93 100

63 85.6 65.3 105.3

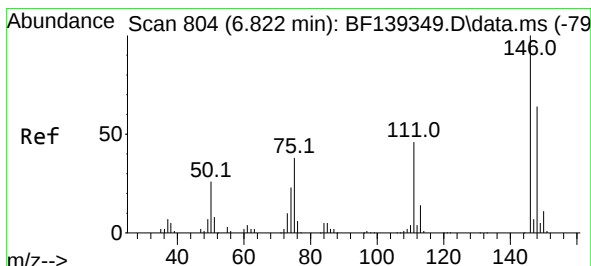
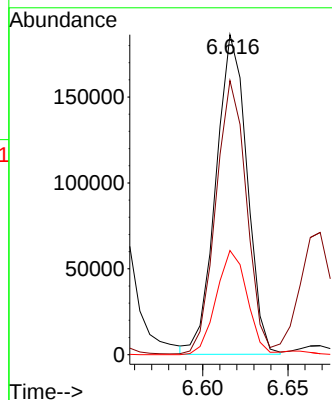
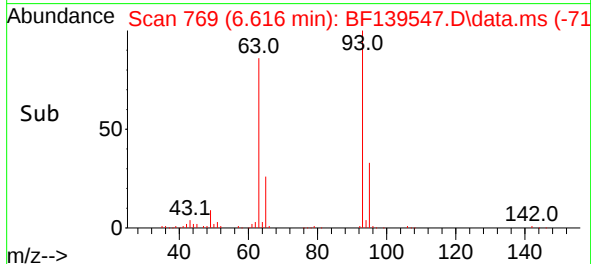
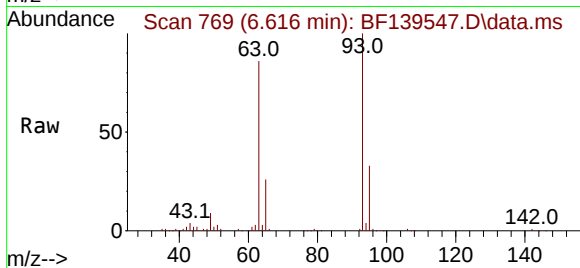
95 32.6 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#12

1,3-Dichlorobenzene

Concen: 38.916 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

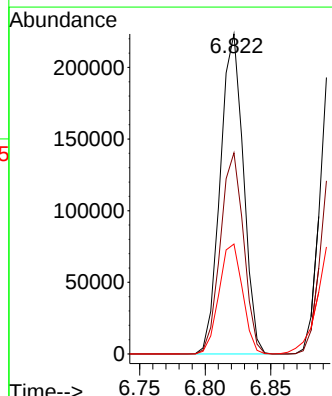
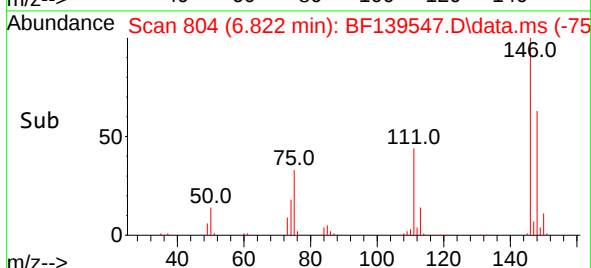
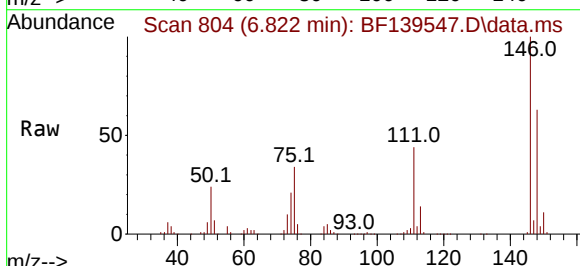
Tgt Ion:146 Resp: 274063

Ion Ratio Lower Upper

146 100

148 62.9 51.2 76.8

75 34.4 30.6 46.0





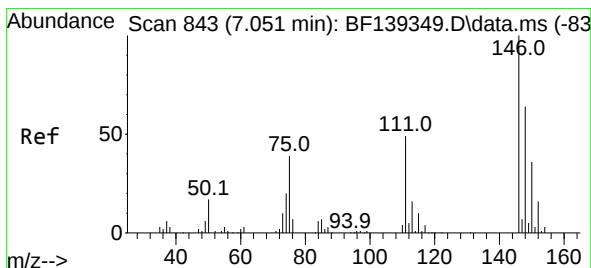
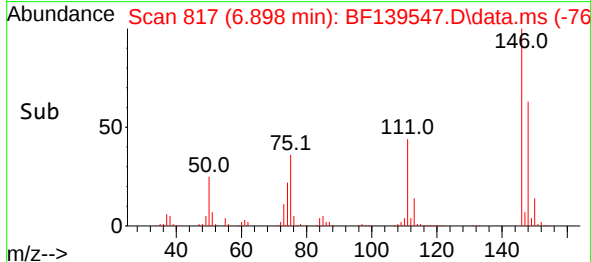
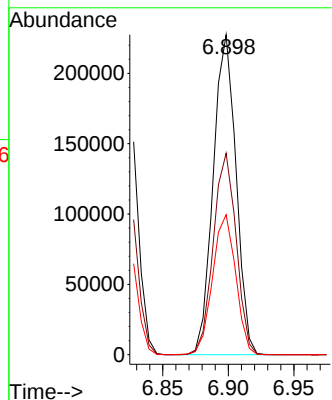
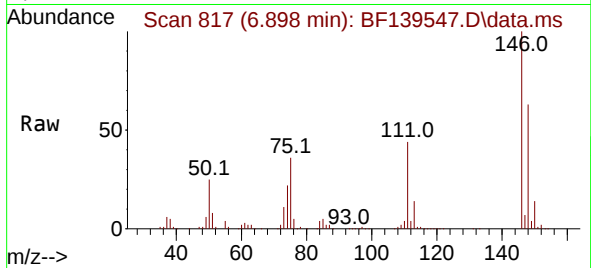
#13
1,4-Dichlorobenzene
Concen: 38.662 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 27514
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 43.8 36.3 54.5

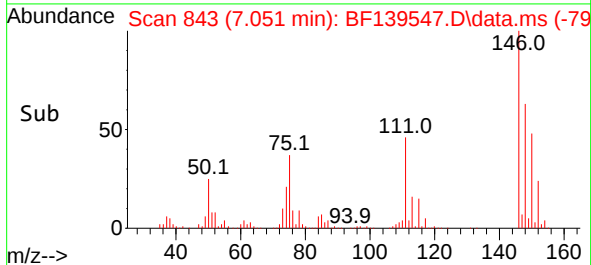
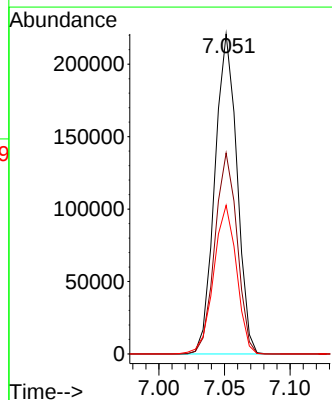
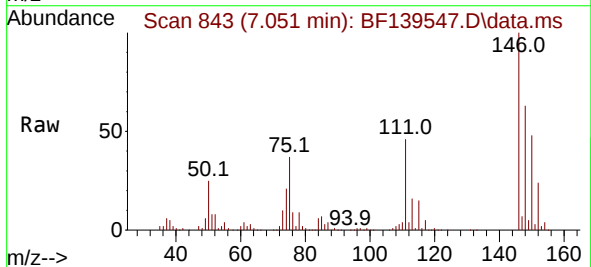
Manual Integrations
APPROVED

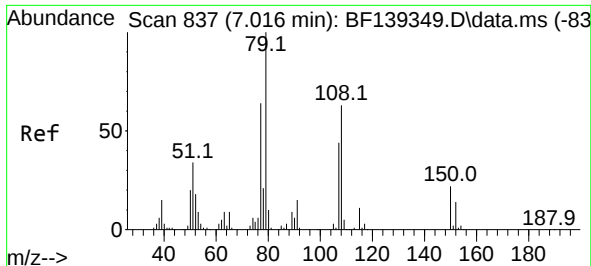
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#14
1,2-Dichlorobenzene
Concen: 38.481 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:146 Resp: 258771
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 46.5 38.9 58.3





#15
Benzyl Alcohol
Concen: 35.821 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

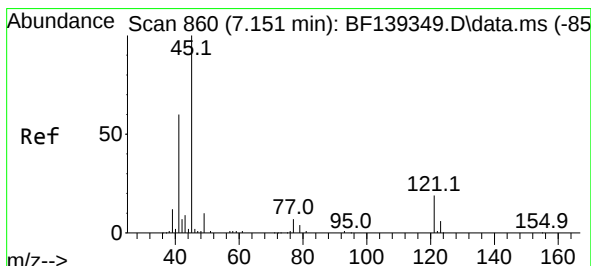
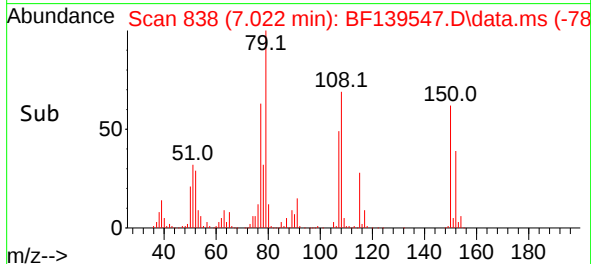
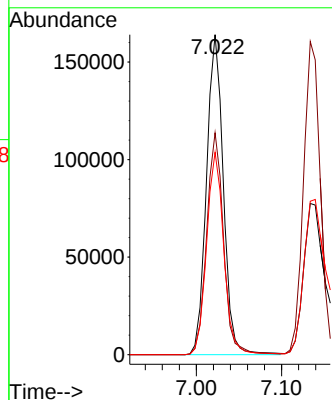
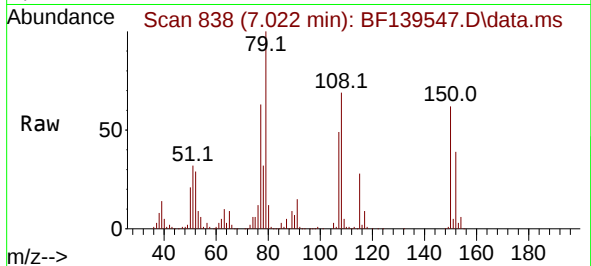
SSTDCCC040

Tgt Ion: 79 Resp: 225650
Ion Ratio Lower Upper
79 100
108 69.4 50.4 75.6
77 63.2 51.4 77.2

Manual Integrations

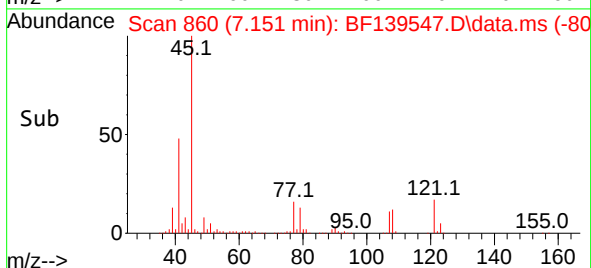
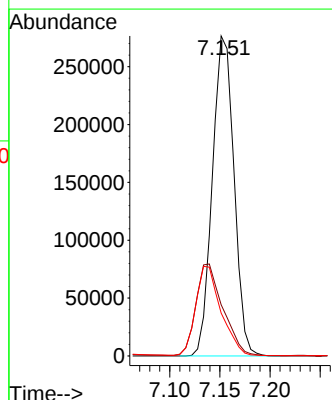
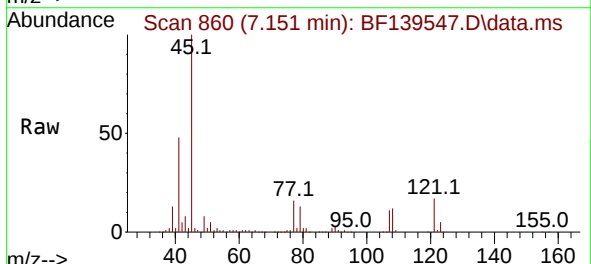
APPROVED

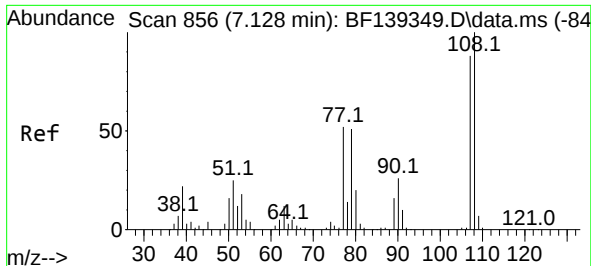
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.988 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion: 45 Resp: 414363
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.0
79 13.4 0.0 29.1





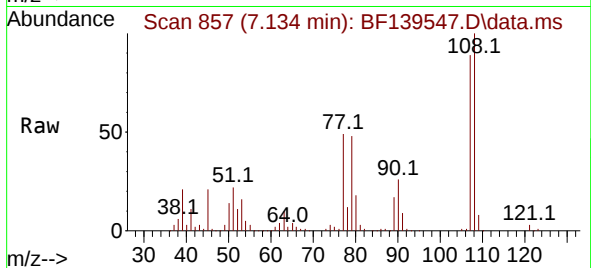
#17
2-Methylphenol
Concen: 39.470 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

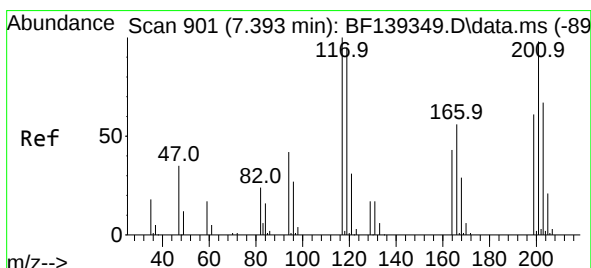
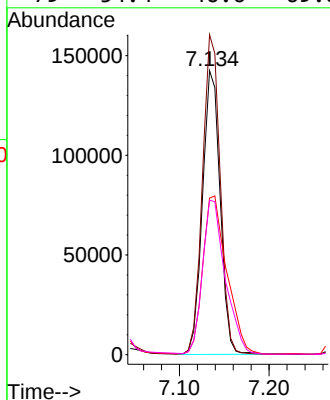
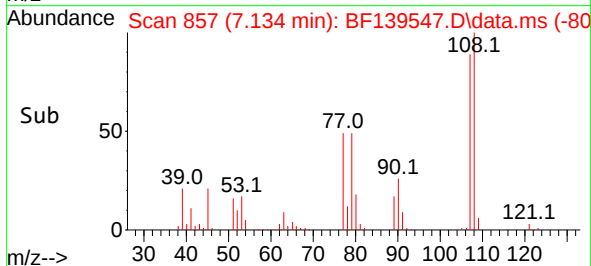


Tgt Ion:107 Resp: 19419
Ion Ratio Lower Upper
107 100
108 112.7 90.5 135.7
77 55.2 47.1 70.7
79 54.4 46.6 69.8

Manual Integrations

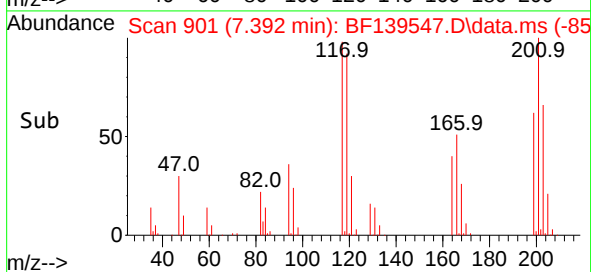
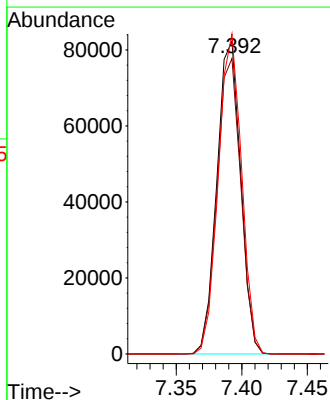
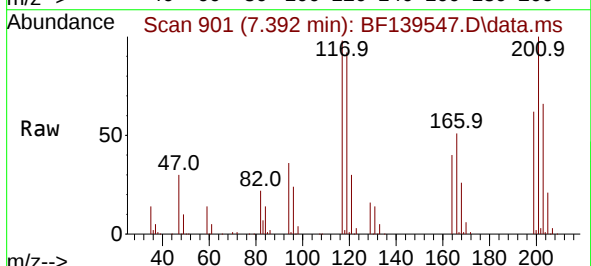
APPROVED

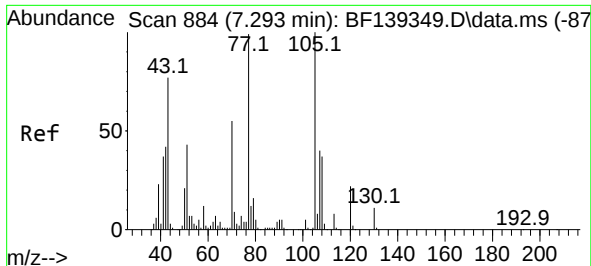
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#18
Hexachloroethane
Concen: 38.323 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:117 Resp: 103881
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 102.2 78.6 118.0





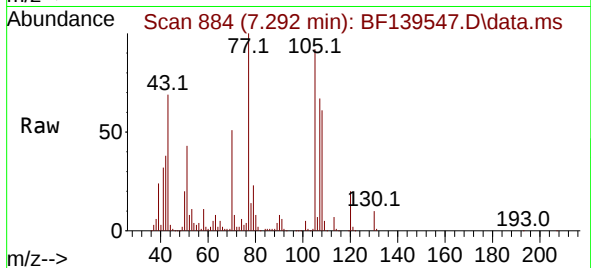
#19
n-Nitroso-di-n-propylamine
Concen: 38.616 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

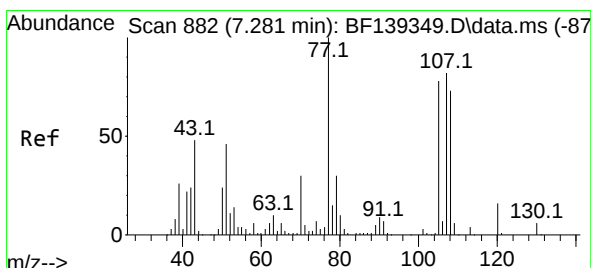
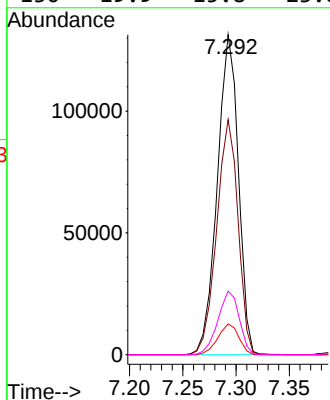
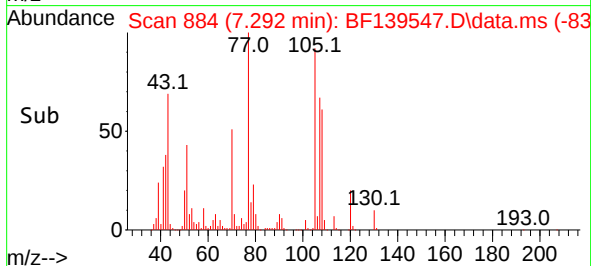
SSTDCCC040



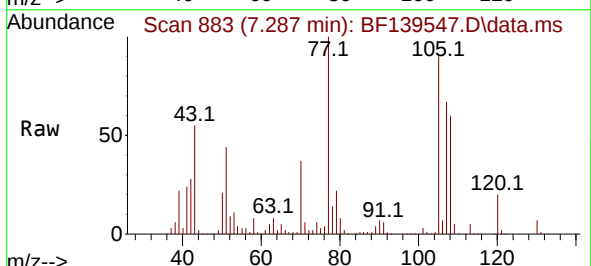
Tgt Ion: 70 Resp: 18068
Ion Ratio Lower Upper
70 100
42 73.4 61.2 91.8
101 9.6 7.5 11.3
130 19.9 15.8 23.8

Manual Integrations
APPROVED

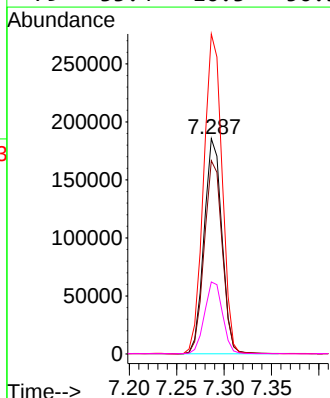
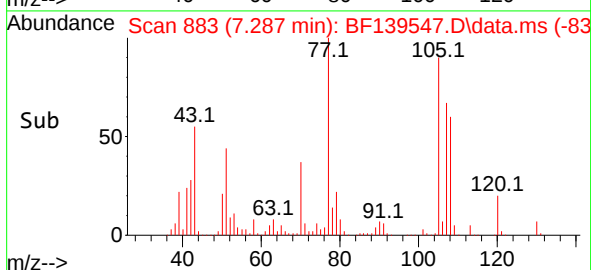
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

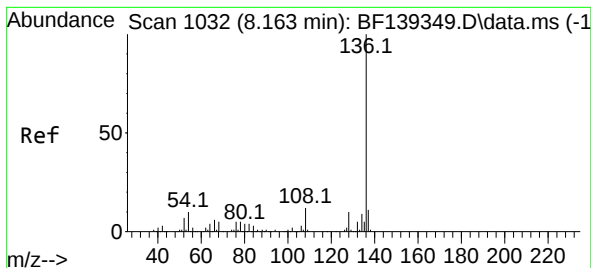


#20
3+4-Methylphenols
Concen: 36.021 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:107 Resp: 241787
Ion Ratio Lower Upper
107 100
108 89.8 68.6 108.6
77 148.6 101.6 141.6#
79 33.4 16.3 56.3





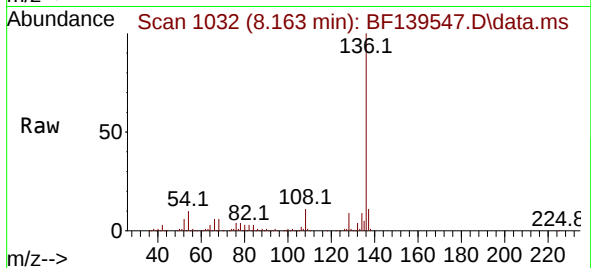
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

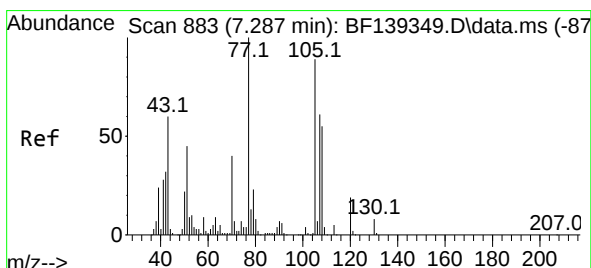
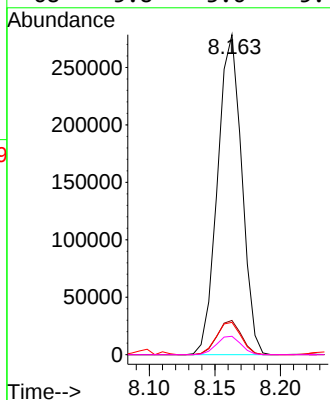
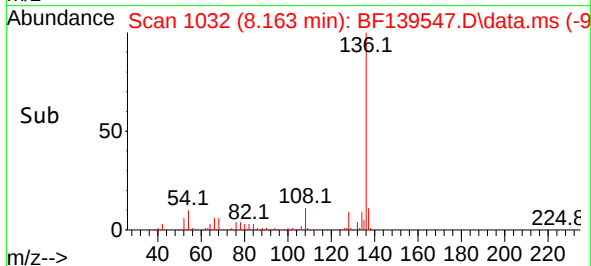


Tgt Ion:136 Resp: 35695
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.1 7.8 11.8
68 5.8 3.6 5.4#

Manual Integrations

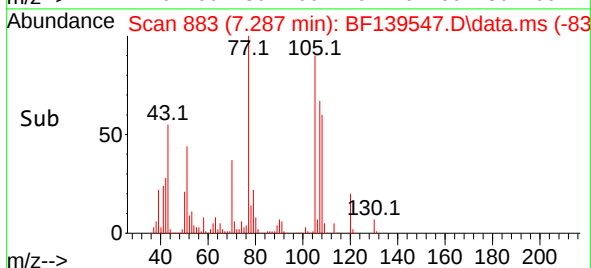
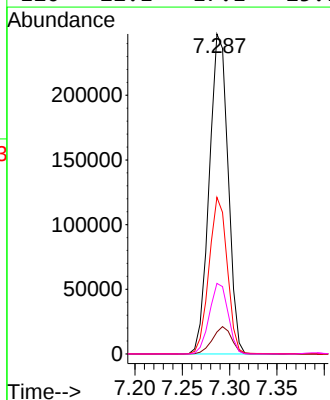
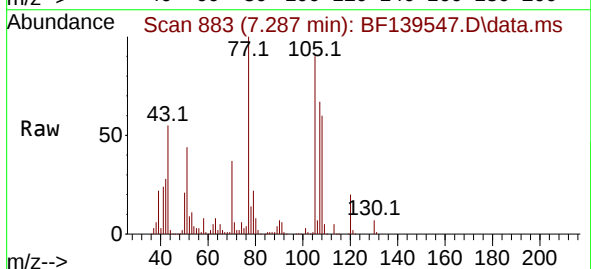
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#22
Acetophenone
Concen: 36.449 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:105 Resp: 340138
Ion Ratio Lower Upper
105 100
71 6.8 5.9 8.9
51 48.9 40.0 60.0
120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 74.554 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 56608

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

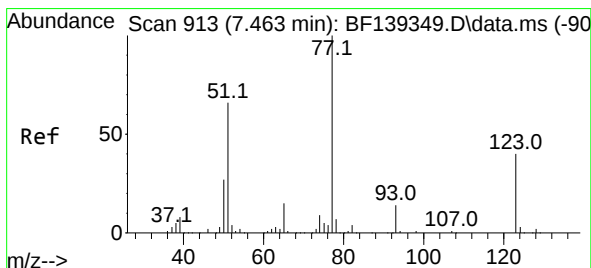
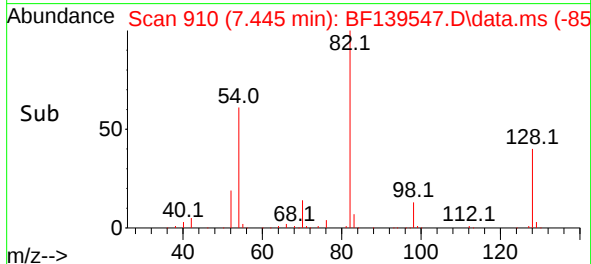
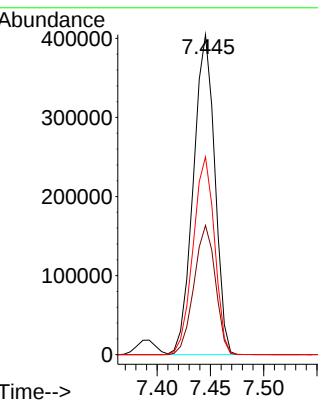
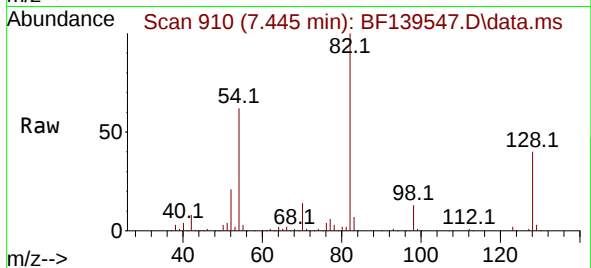
54 61.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#24

Nitrobenzene

Concen: 37.666 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

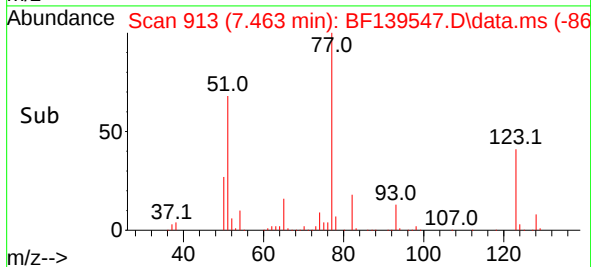
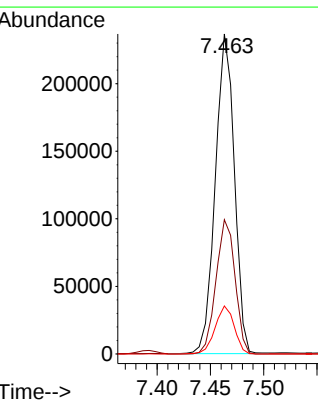
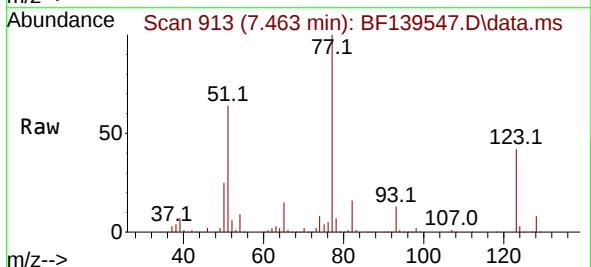
Tgt Ion: 77 Resp: 294349

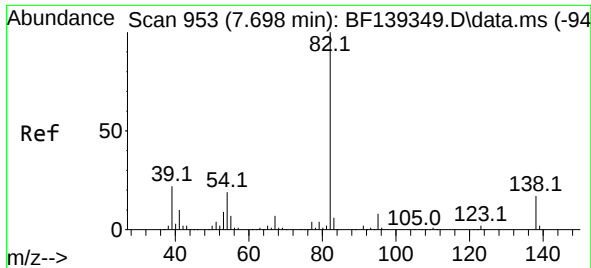
Ion Ratio Lower Upper

77 100

123 41.9 32.2 48.4

65 15.0 12.2 18.4





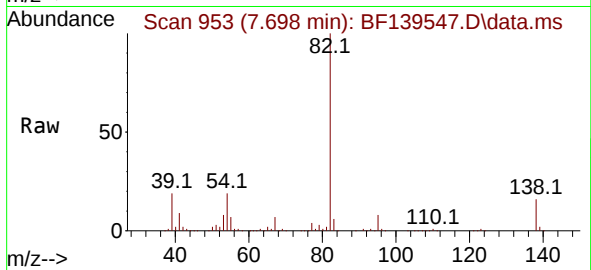
#25
Isophorone
Concen: 39.612 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



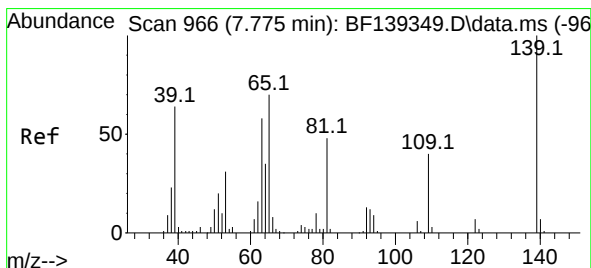
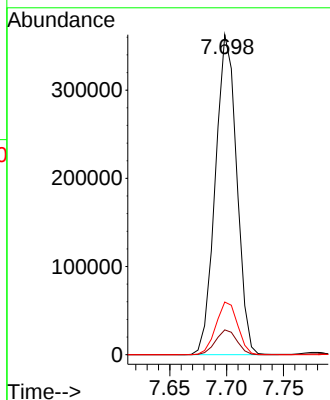
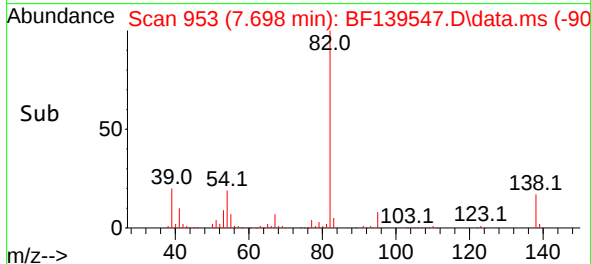
Tgt Ion: 82 Resp: 47567
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.4 13.3 19.9

Manual Integrations

APPROVED

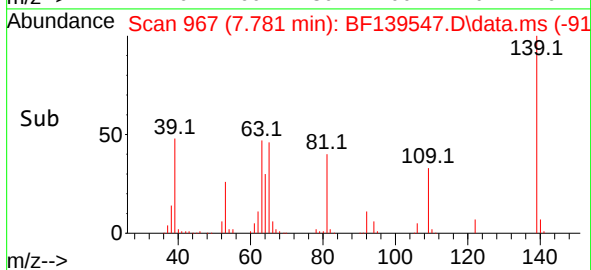
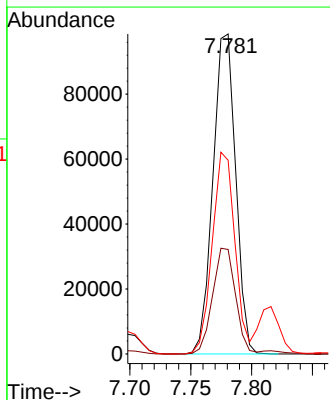
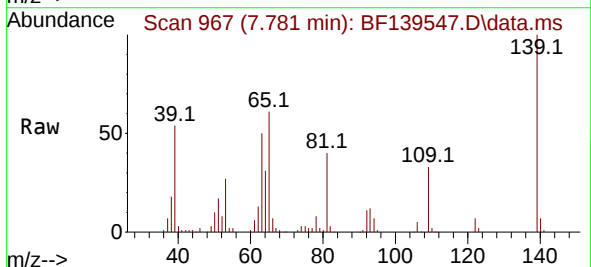
Reviewed By :Yogesh Patel 09/27/2024

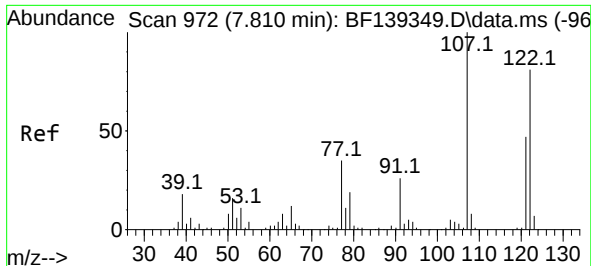
Supervised By :mohammad ahmed 09/28/2024



#26
2-Nitrophenol
Concen: 42.078 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:139 Resp: 128111
Ion Ratio Lower Upper
139 100
109 32.7 32.2 48.2
65 60.6 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 39.599 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 15903

Ion Ratio Lower Upper

122 100

107 120.1 99.1 148.7

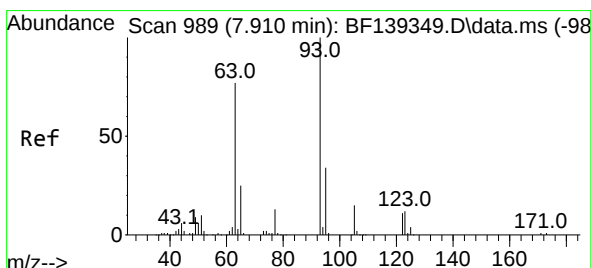
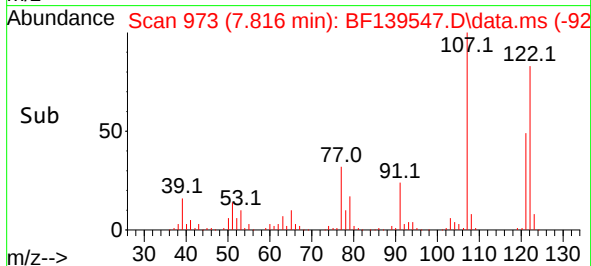
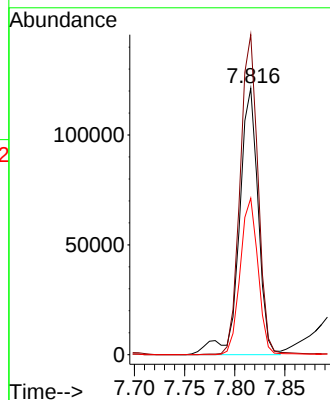
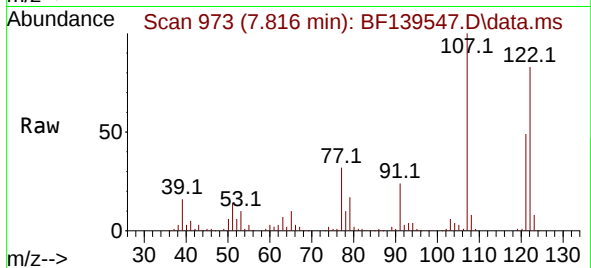
121 58.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.963 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

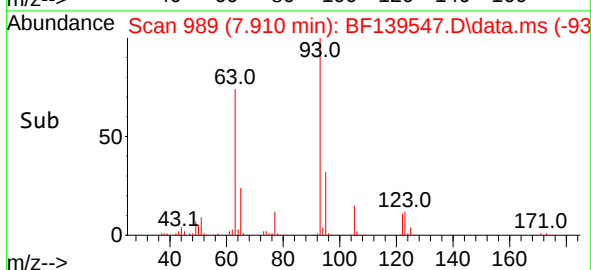
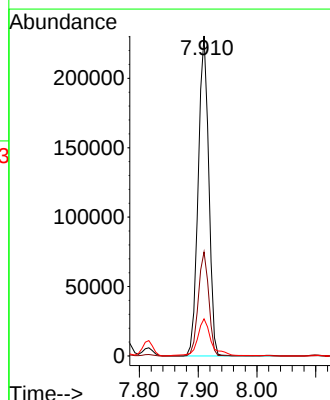
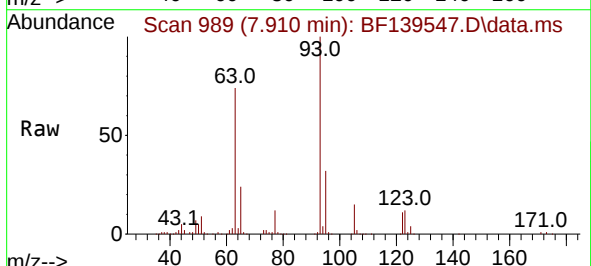
Tgt Ion: 93 Resp: 287186

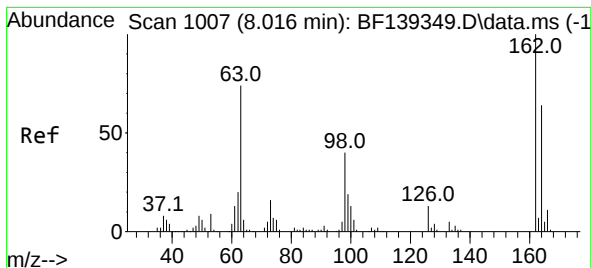
Ion Ratio Lower Upper

93 100

95 32.5 26.9 40.3

123 11.6 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 39.107 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

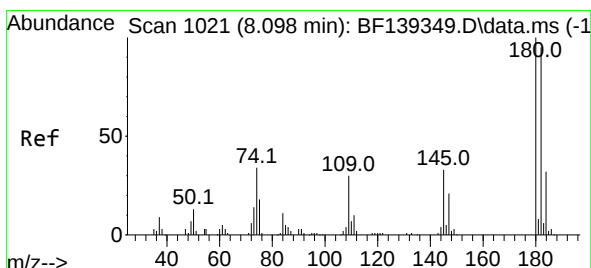
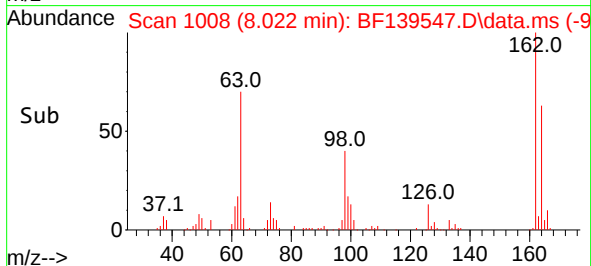
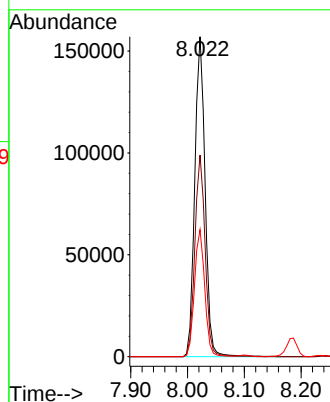
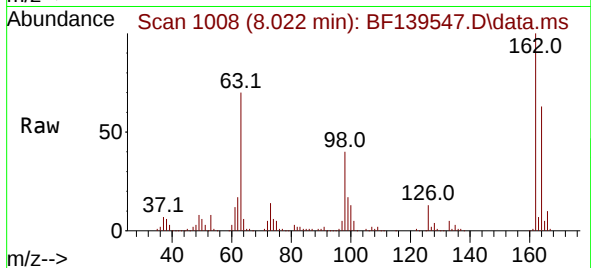
SSTDCCC040

Tgt Ion:162 Resp: 19952
Ion Ratio Lower Upper
162 100
164 63.0 43.6 83.6
98 39.7 19.7 59.7

Manual Integrations

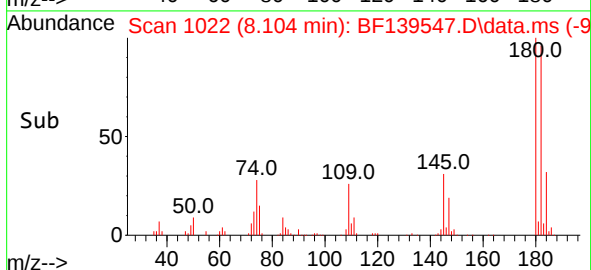
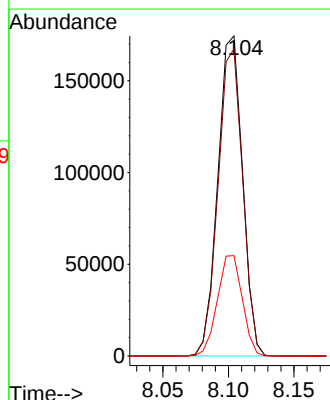
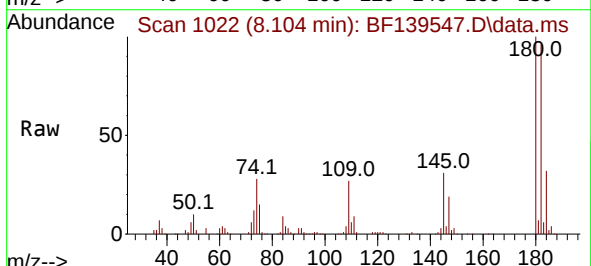
APPROVED

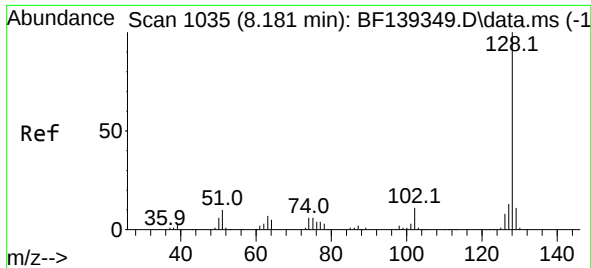
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#30
1,2,4-Trichlorobenzene
Concen: 38.431 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:180 Resp: 228461
Ion Ratio Lower Upper
180 100
182 95.9 75.7 113.5
145 31.4 26.5 39.7





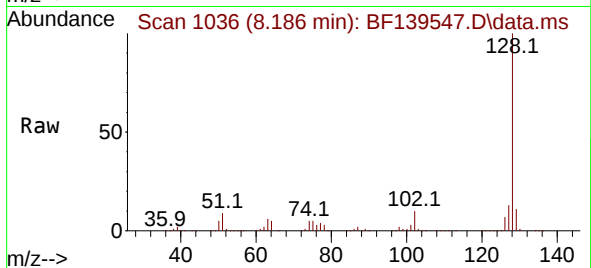
#31
Naphthalene
Concen: 38.821 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



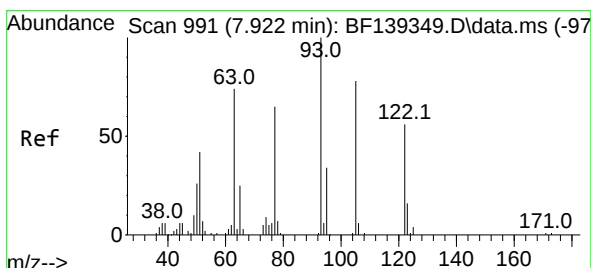
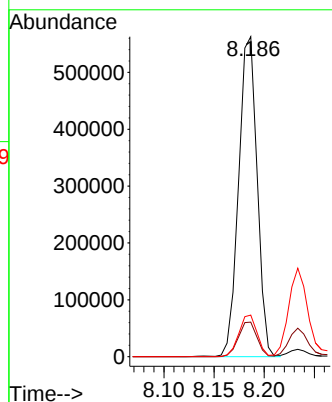
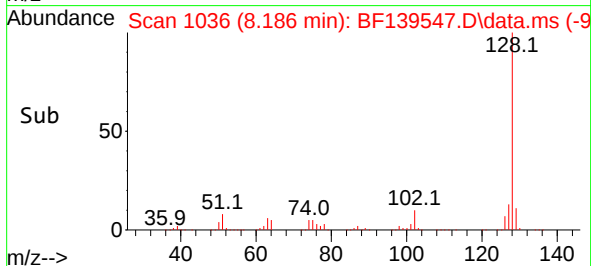
Tgt Ion:128 Resp: 723439
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.6 16.0

Manual Integrations

APPROVED

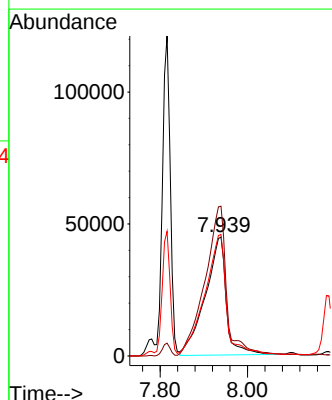
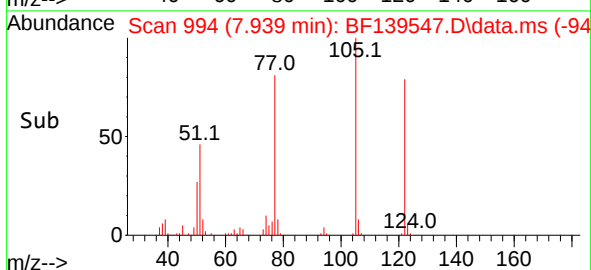
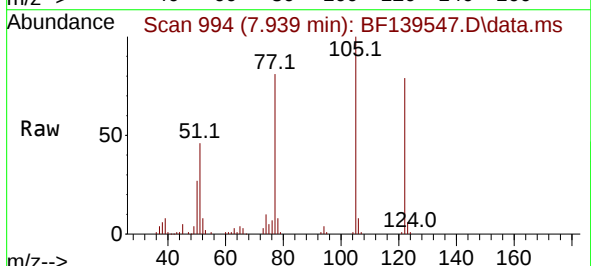
Reviewed By :Yogesh Patel 09/27/2024

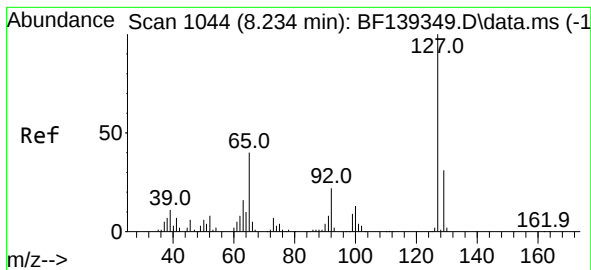
Supervised By :mohammad ahmed 09/28/2024



#32
Benzoic acid
Concen: 39.842 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:122 Resp: 149739
Ion Ratio Lower Upper
122 100
105 126.0 117.1 157.1
77 102.1 95.4 135.4





#33
4-Chloroaniline
Concen: 41.037 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

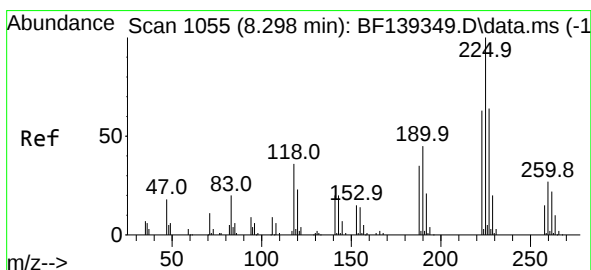
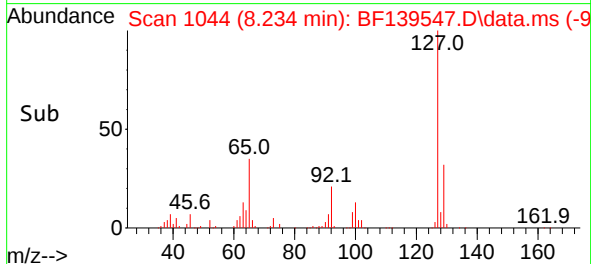
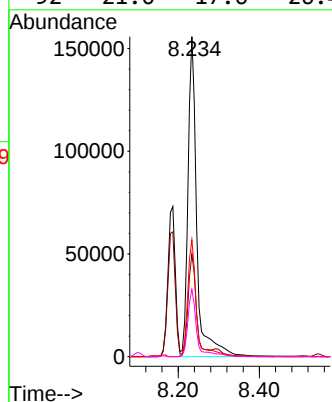
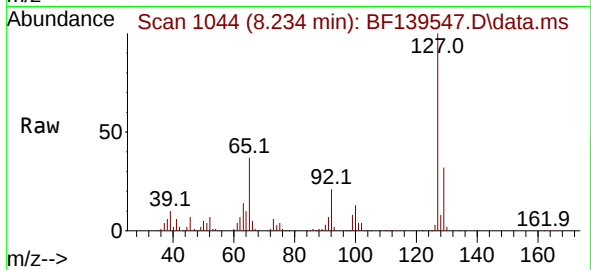
SSTDCCC040

Tgt Ion:127 Resp: 23394
Ion Ratio Lower Upper
127 100
129 32.1 25.5 38.3
65 36.6 31.5 47.3
92 21.0 17.6 26.4

Manual Integrations

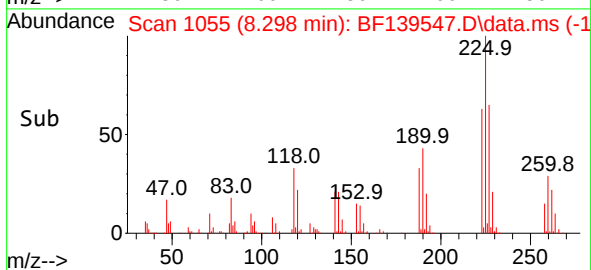
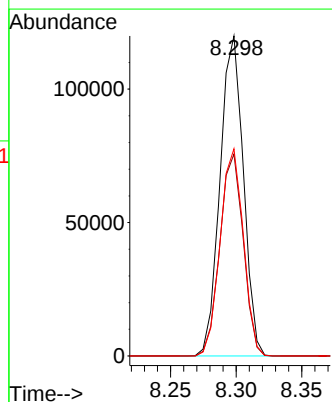
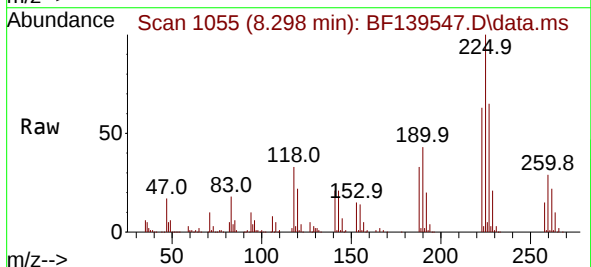
APPROVED

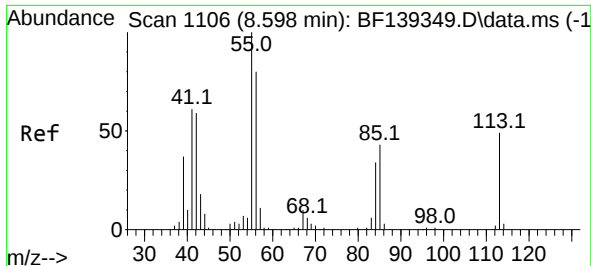
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#34
Hexachlorobutadiene
Concen: 36.676 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

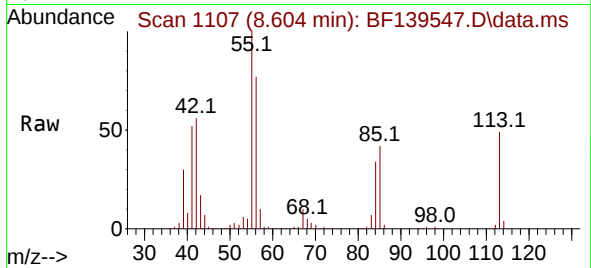
Tgt Ion:225 Resp: 148126
Ion Ratio Lower Upper
225 100
223 63.1 50.1 75.1
227 64.8 51.0 76.6





#35
Caprolactam
Concen: 39.718 ng
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

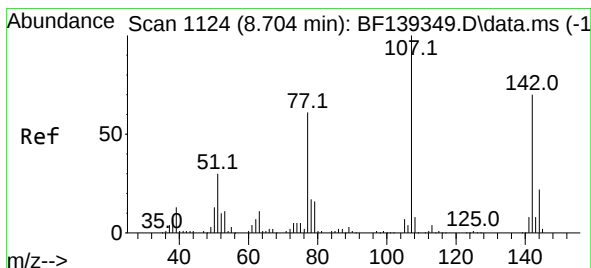
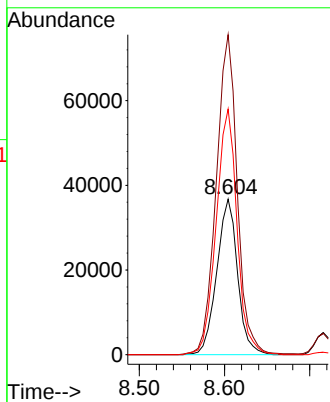
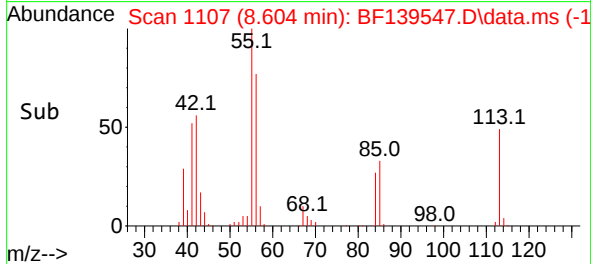
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 62334
Ion Ratio Lower Upper
113 100
55 205.7 186.1 226.1
56 157.9 144.9 184.9

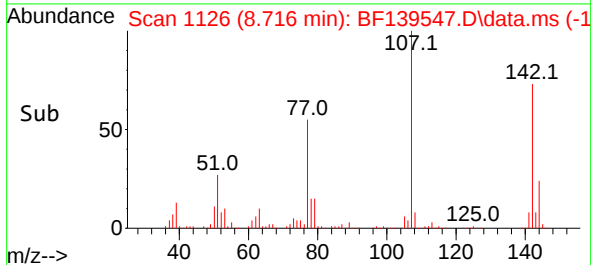
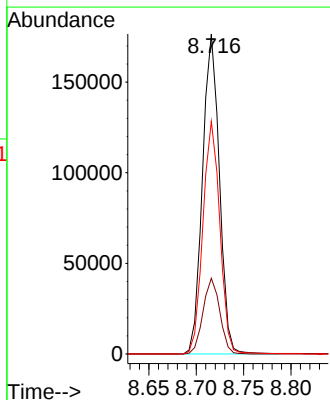
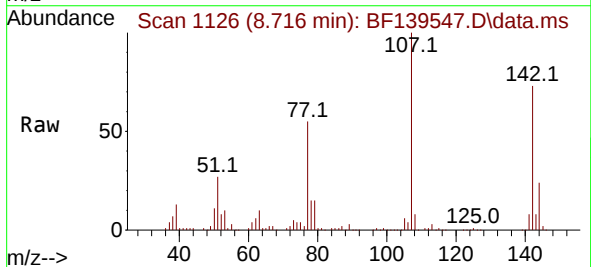
Manual Integrations
APPROVED

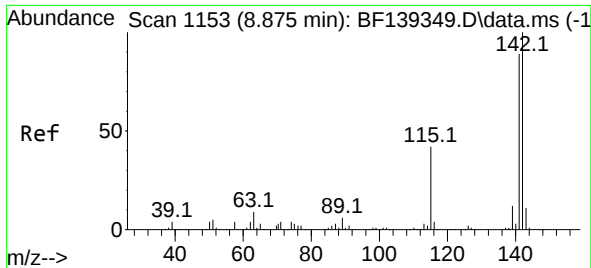
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#36
4-Chloro-3-methylphenol
Concen: 37.468 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:107 Resp: 218469
Ion Ratio Lower Upper
107 100
144 23.6 17.5 26.3
142 72.7 55.8 83.8





#37
2-Methylnaphthalene
Concen: 38.843 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

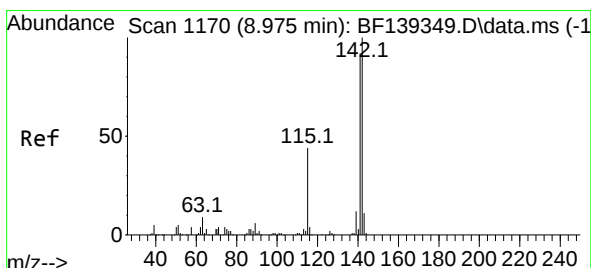
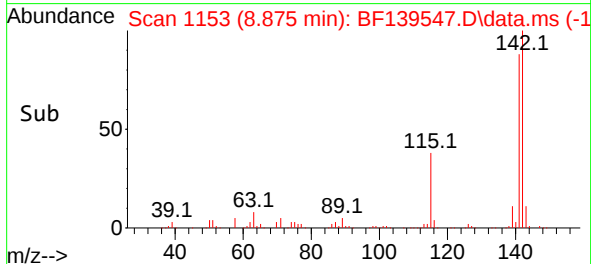
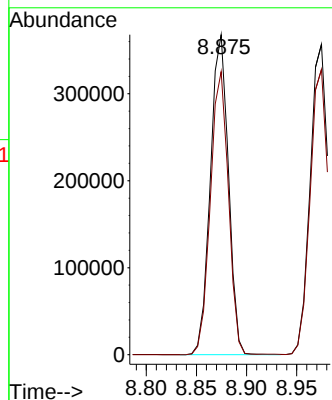
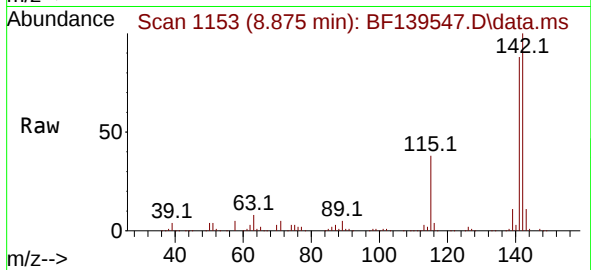
ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 45944
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4

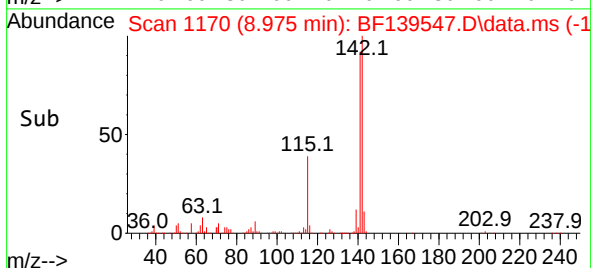
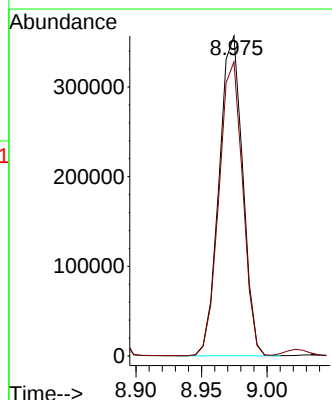
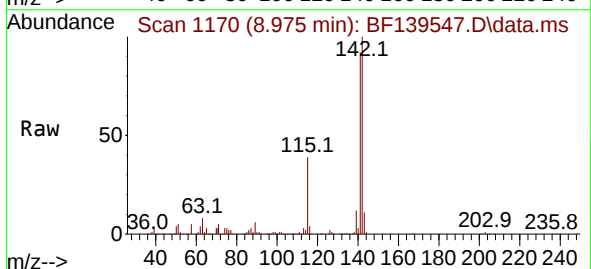
Manual Integrations
APPROVED

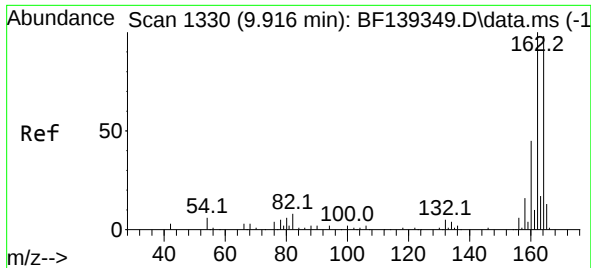
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#38
1-Methylnaphthalene
Concen: 38.519 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:142 Resp: 447304
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8





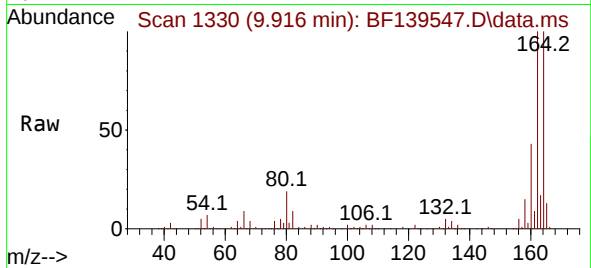
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



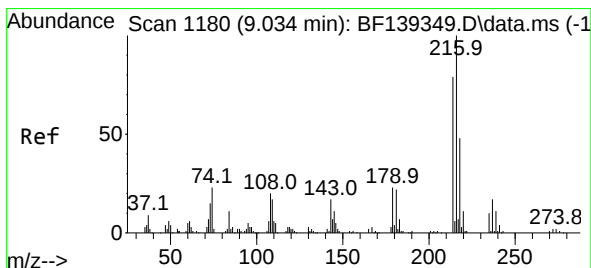
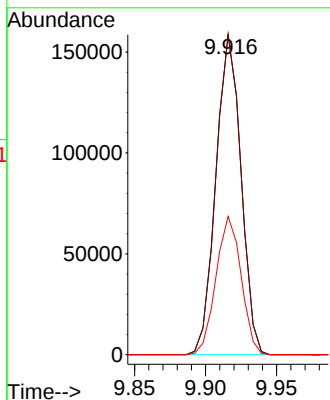
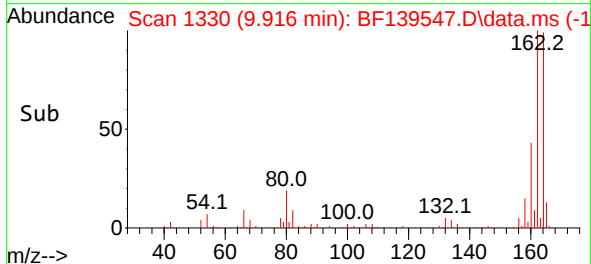
Tgt Ion:164 Resp: 194544
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 43.2 36.4 54.6

Manual Integrations

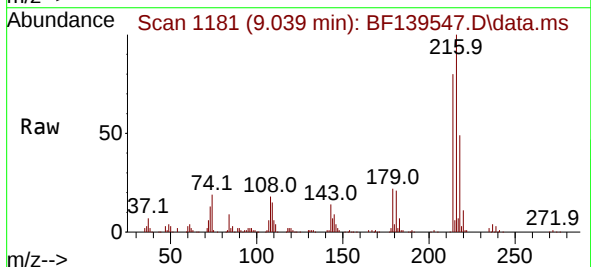
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

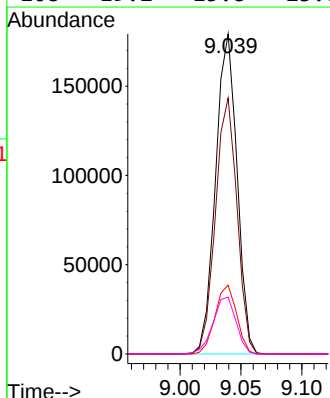
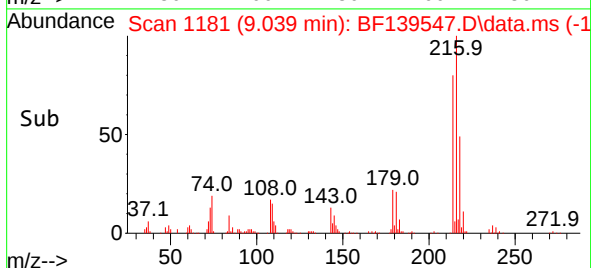
Supervised By :mohammad ahmed 09/28/2024

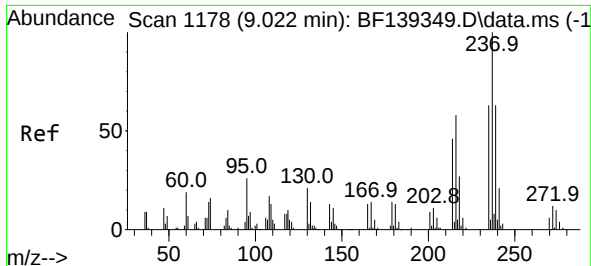


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.204 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:216 Resp: 220274
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 21.5 18.2 27.2
108 19.2 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 34.880 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

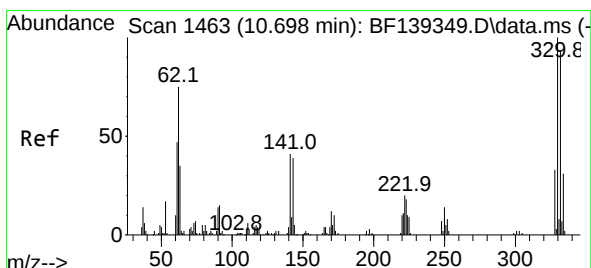
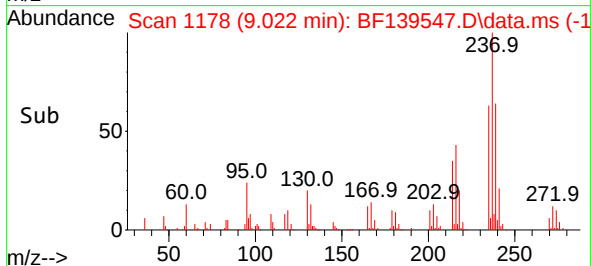
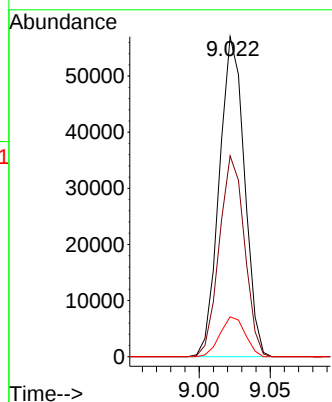
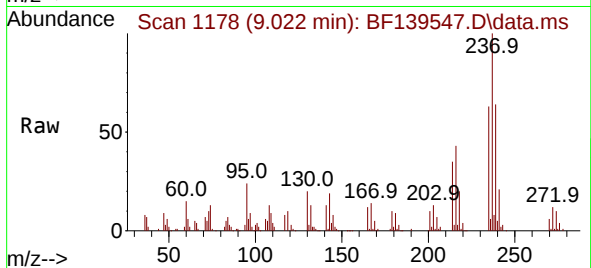
SSTDCCC040

Tgt Ion:237 Resp: 70219
Ion Ratio Lower Upper
237 100
235 62.8 42.7 82.7
272 12.4 0.0 32.5

Manual Integrations

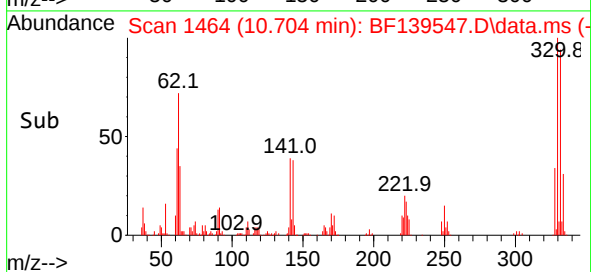
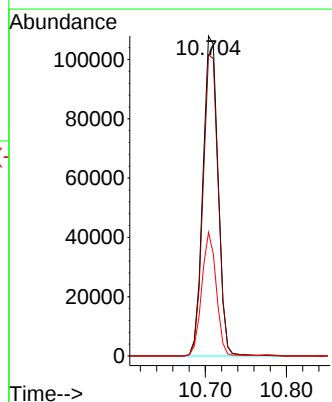
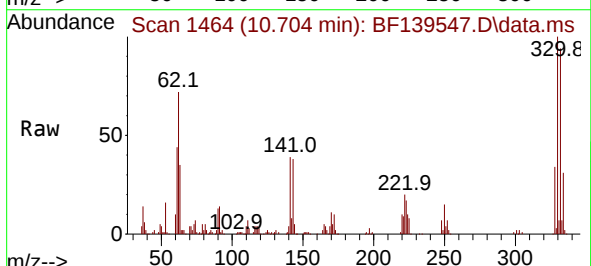
APPROVED

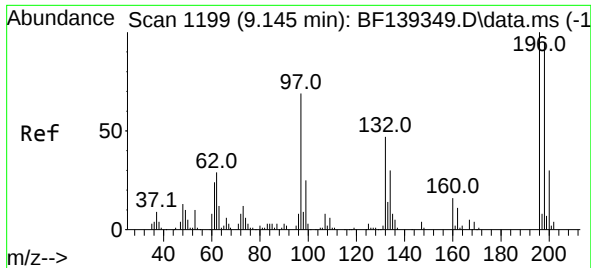
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#42
2,4,6-Tribromophenol
Concen: 67.565 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:330 Resp: 139937
Ion Ratio Lower Upper
330 100
332 94.5 75.2 112.8
141 37.0 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 39.018 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

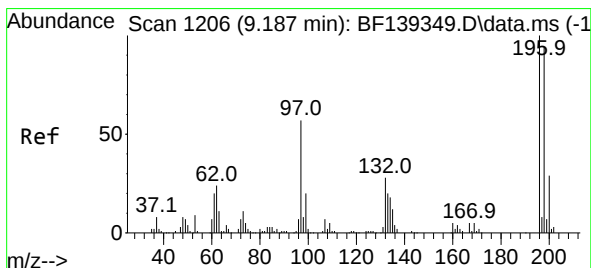
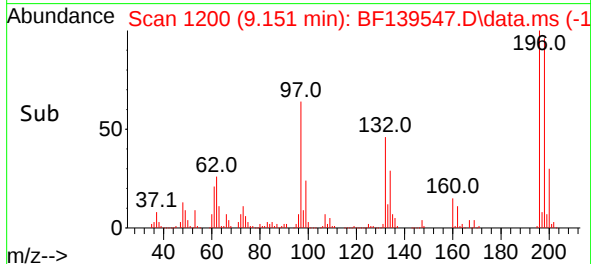
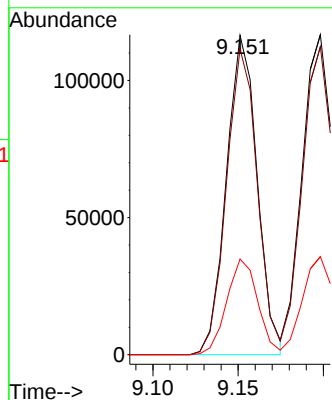
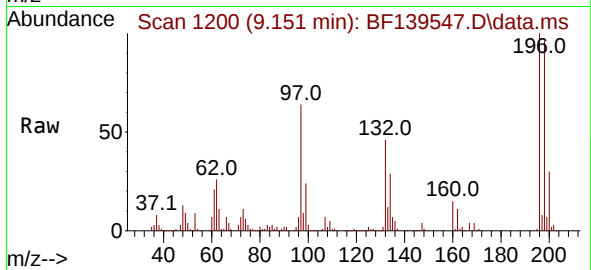
SSTDCCC040

Tgt Ion:196 Resp: 146362
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.6
200 30.0 24.1 36.1

Manual Integrations

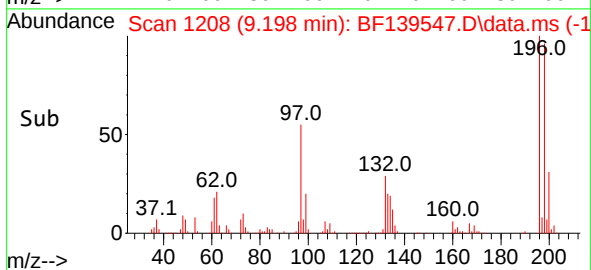
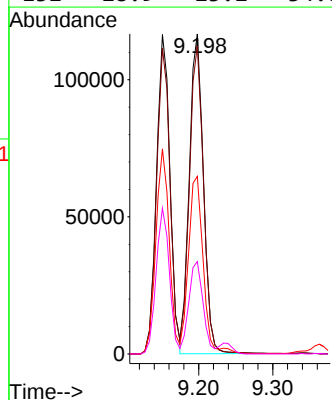
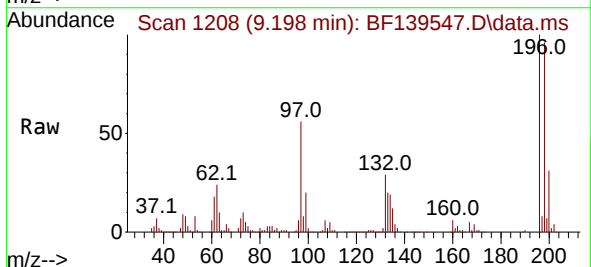
APPROVED

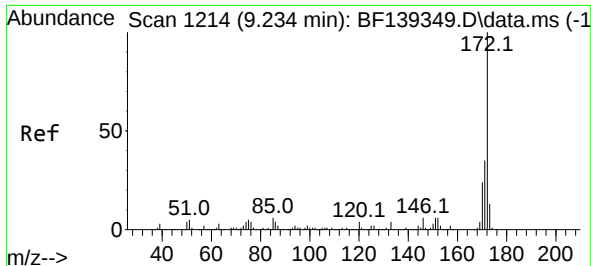
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#44
2,4,5-Trichlorophenol
Concen: 39.091 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:196 Resp: 154674
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
97 55.5 47.3 70.9
132 28.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 72.907 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 101129

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

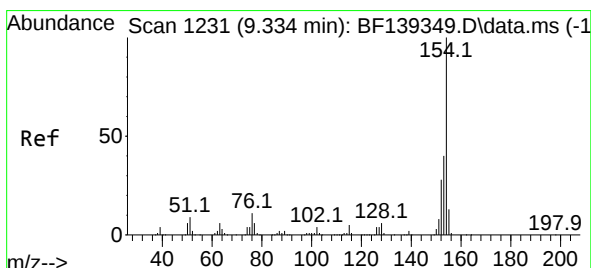
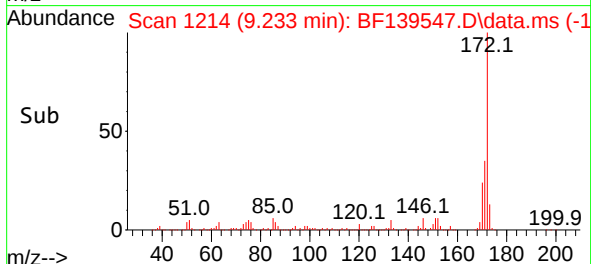
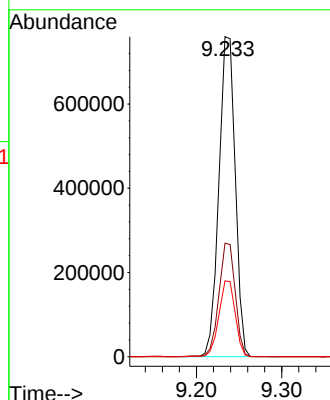
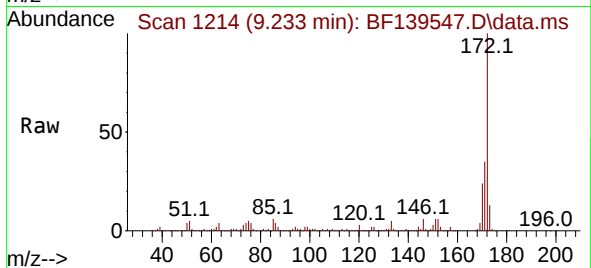
170 23.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#46

1,1'-Biphenyl

Concen: 38.957 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

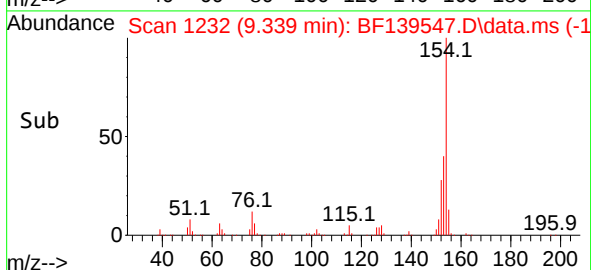
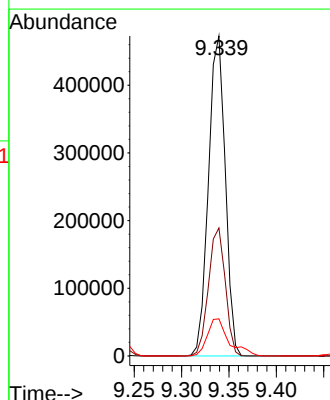
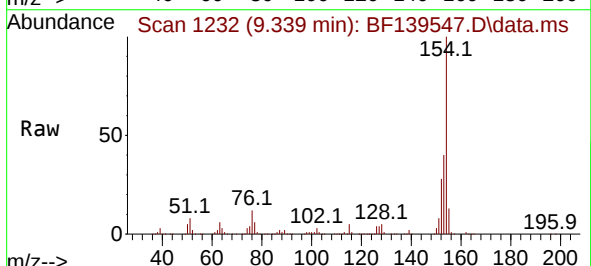
Tgt Ion:154 Resp: 583063

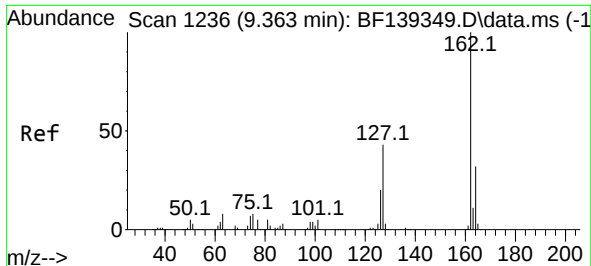
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 11.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 39.061 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

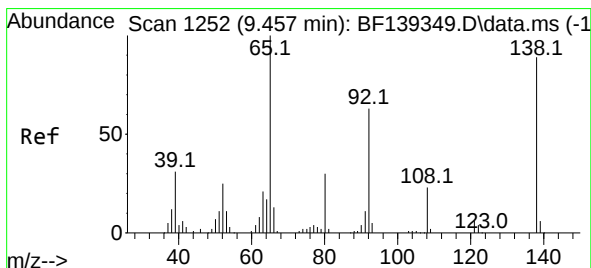
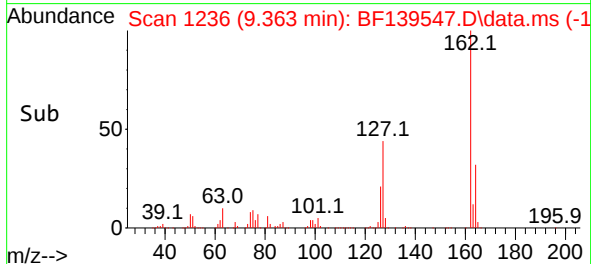
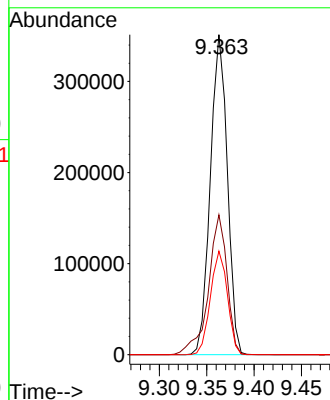
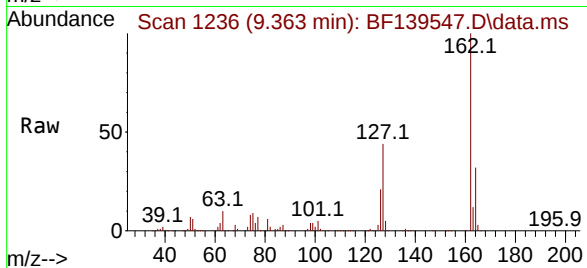
Tgt Ion:162 Resp: 43712
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.0 52.4
 164 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#48

2-Nitroaniline

Concen: 37.092 ng

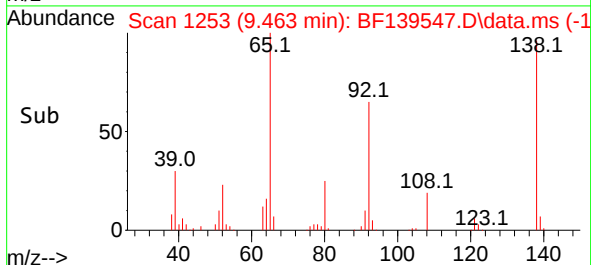
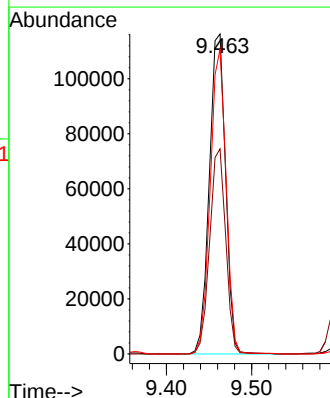
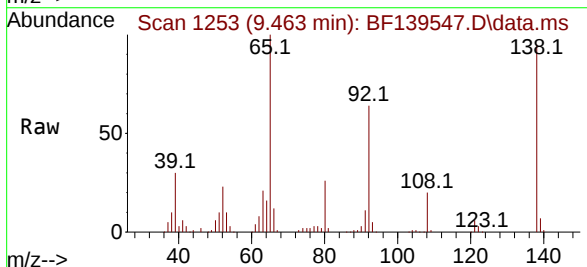
RT: 9.463 min Scan# 1253

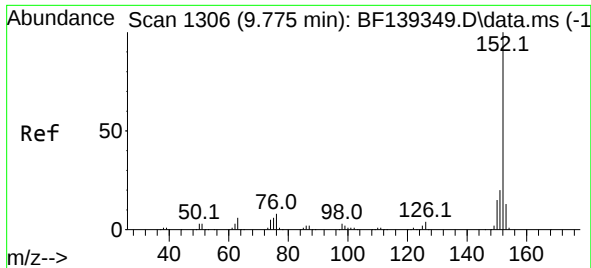
Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Tgt Ion: 65 Resp: 154388
 Ion Ratio Lower Upper
 65 100
 92 64.1 50.3 75.5
 138 95.3 71.3 106.9





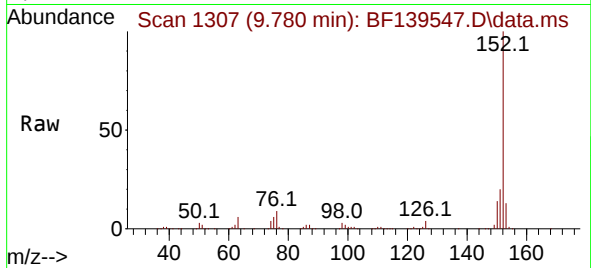
#49
Acenaphthylene
Concen: 38.886 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



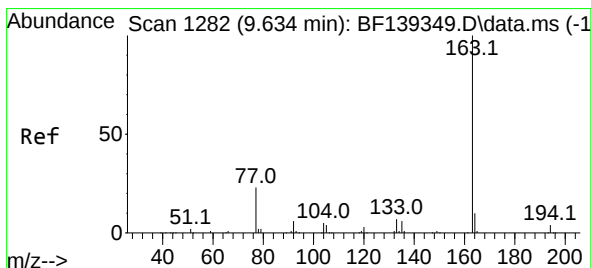
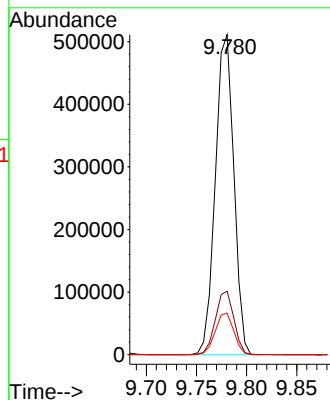
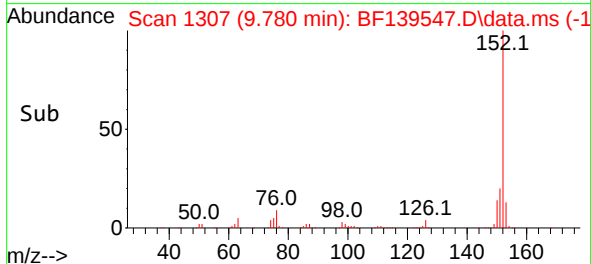
Tgt Ion:152 Resp: 655044
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.3 15.5

Manual Integrations

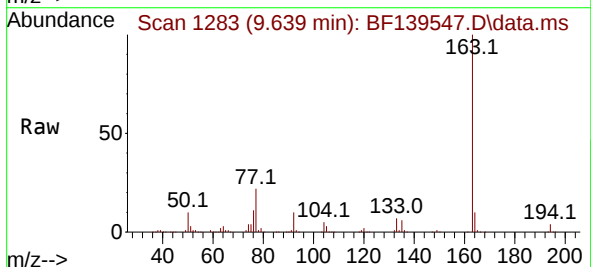
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

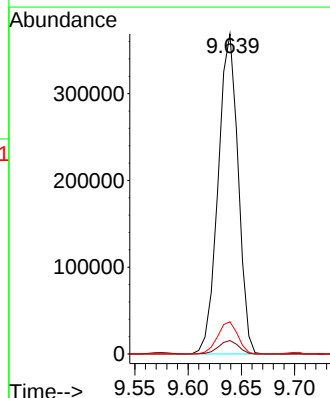
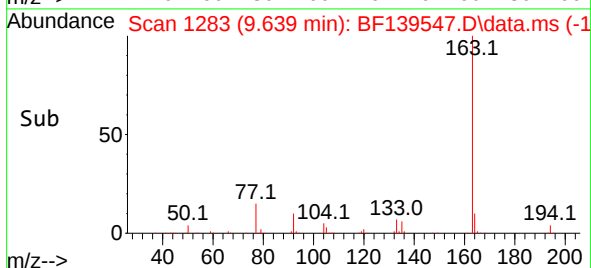
Supervised By :mohammad ahmed 09/28/2024

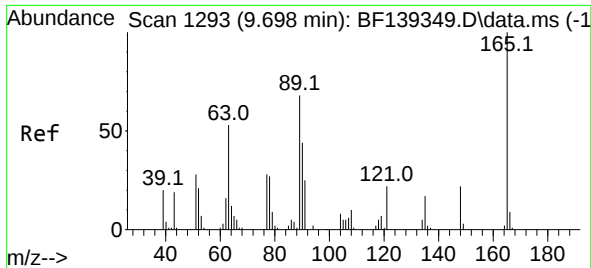


#50
Dimethylphthalate
Concen: 37.651 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:163 Resp: 480758
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.2 12.2





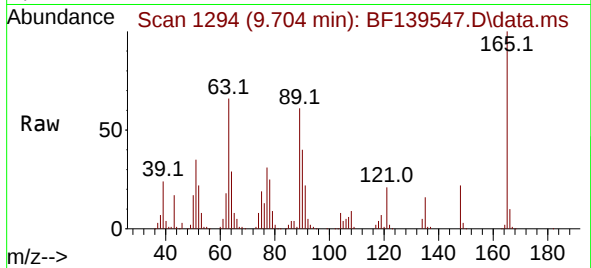
#51
2,6-Dinitrotoluene
Concen: 39.444 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



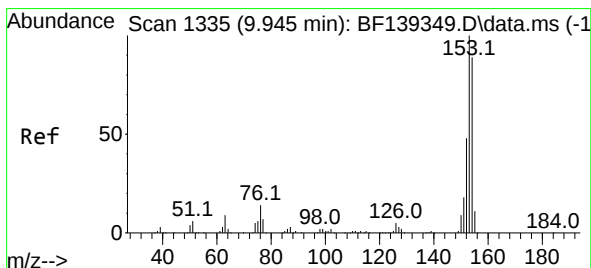
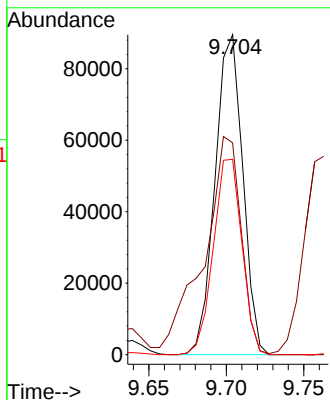
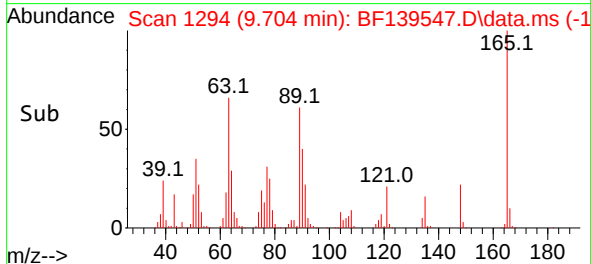
Tgt Ion:165 Resp: 111574
Ion Ratio Lower Upper
165 100
63 66.2 60.9 91.3
89 61.0 54.7 82.1

Manual Integrations

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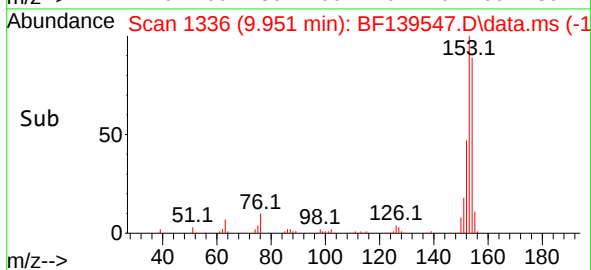
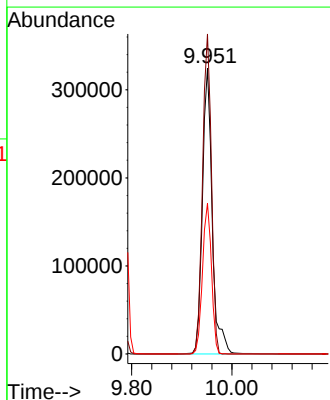
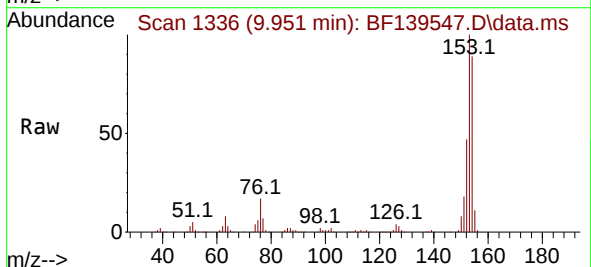
Reviewed By :Yogesh Patel 09/27/2024

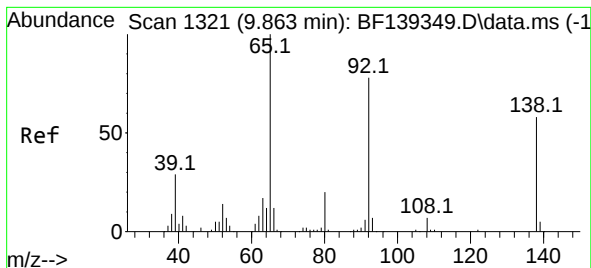
Supervised By :mohammad ahmed 09/28/2024



#52
Acenaphthene
Concen: 37.495 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:154 Resp: 440824
Ion Ratio Lower Upper
154 100
153 112.0 89.5 134.3
152 52.7 42.6 64.0





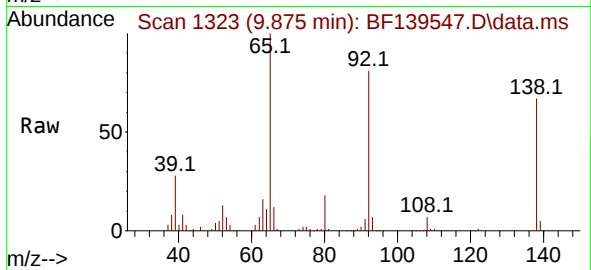
#53
3-Nitroaniline
Concen: 38.730 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



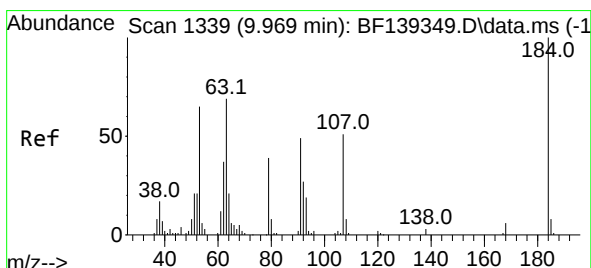
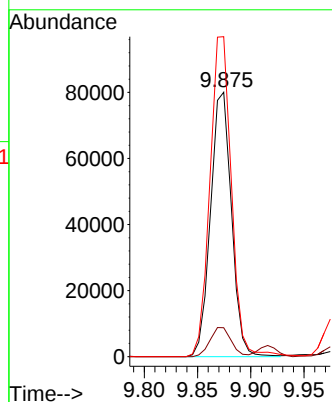
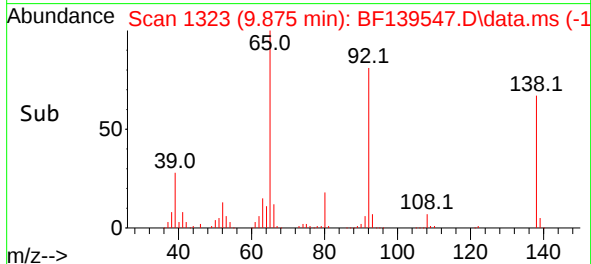
Tgt Ion:138 Resp: 10948
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 121.0 107.4 161.2

Manual Integrations

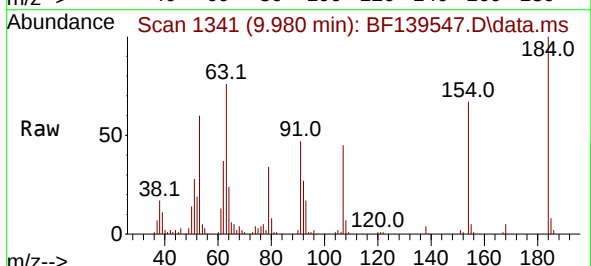
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

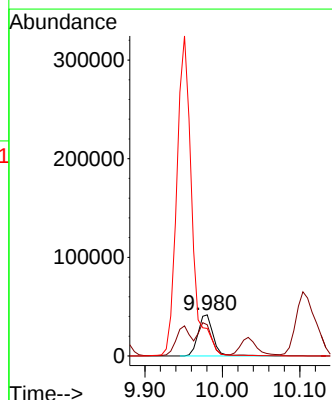
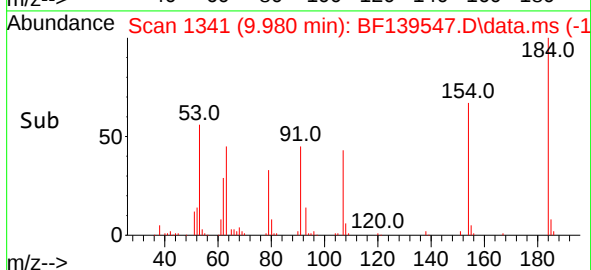
Supervised By :mohammad ahmed 09/28/2024

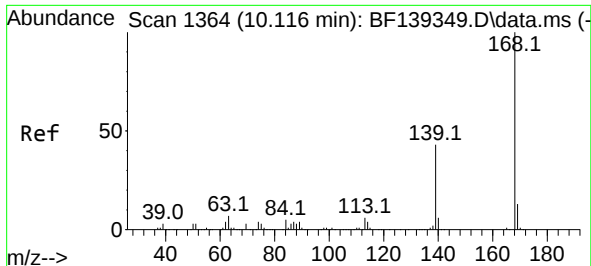


#54
2,4-Dinitrophenol
Concen: 35.891 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



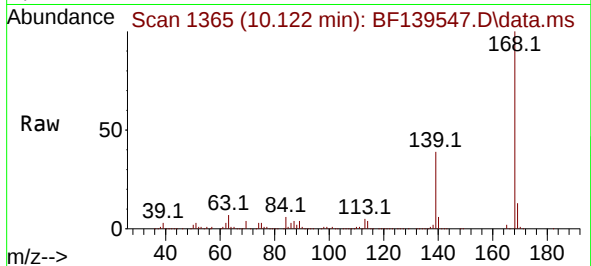
Tgt Ion:184 Resp: 56572
Ion Ratio Lower Upper
184 100
63 75.8 69.3 103.9
154 67.0 67.5 101.3#





#55
Dibenzenofuran
Concen: 37.634 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

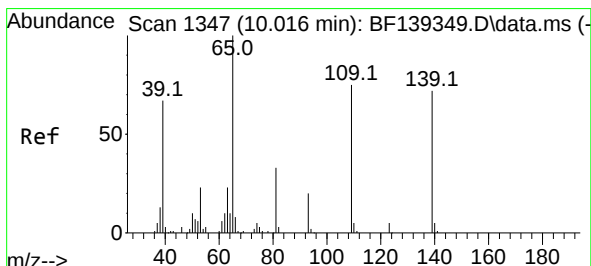
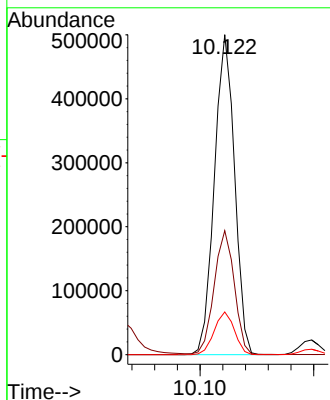
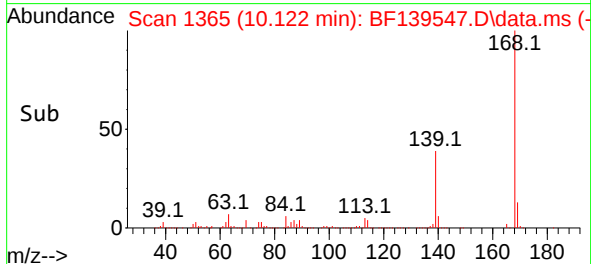
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 616692
Ion Ratio Lower Upper
168 100
139 38.7 34.1 51.1
169 13.3 10.5 15.7

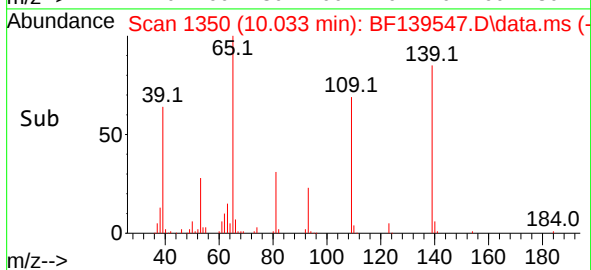
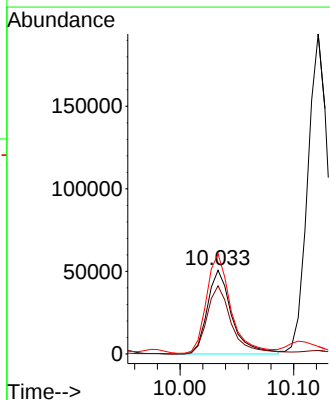
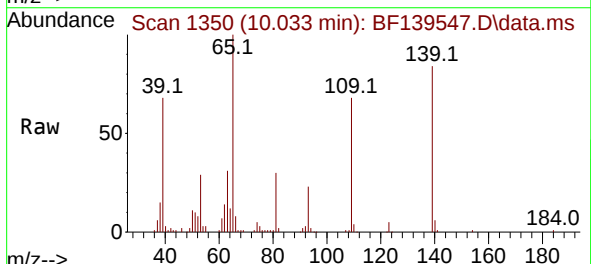
Manual Integrations
APPROVED

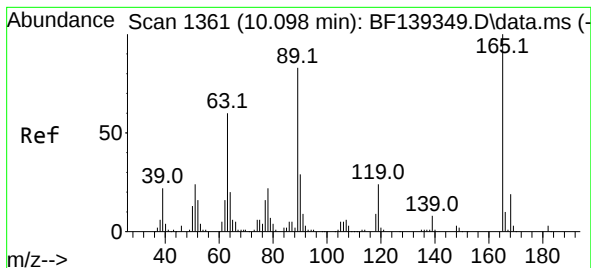
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#56
4-Nitrophenol
Concen: 32.484 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:139 Resp: 75985
Ion Ratio Lower Upper
139 100
109 81.5 84.1 124.1#
65 119.7 120.0 160.0#





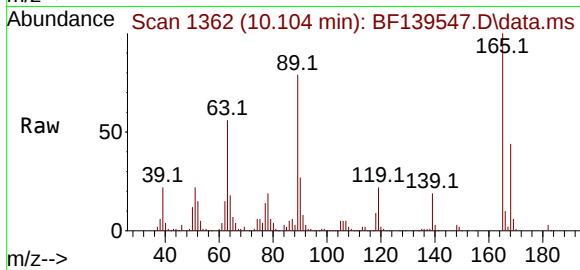
#57
2,4-Dinitrotoluene
Concen: 37.821 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

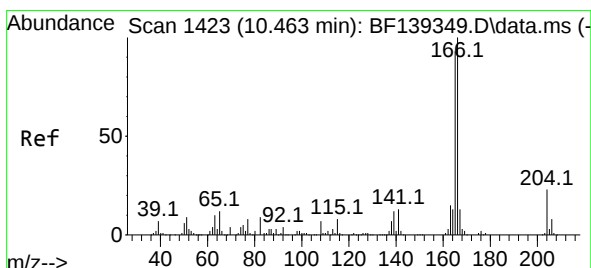
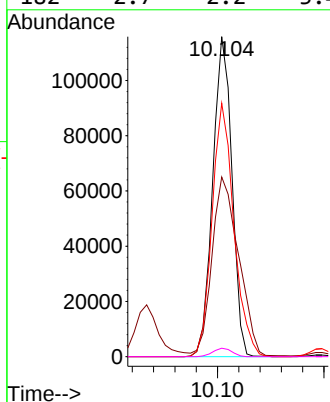
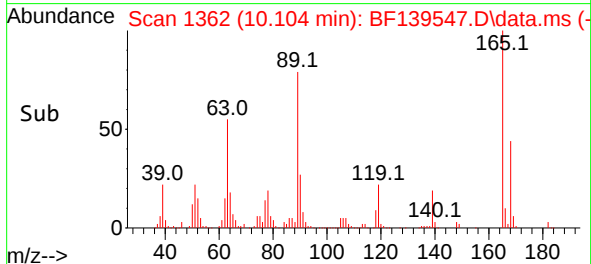


Tgt Ion:165 Resp: 144430
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.6
89 79.2 66.7 100.1
182 2.7 2.2 3.4

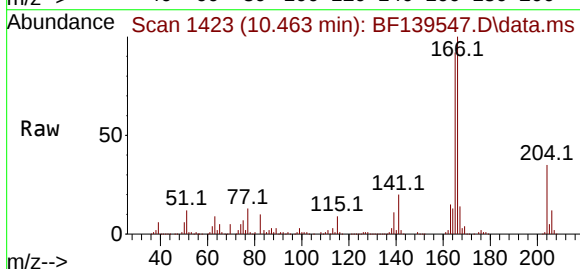
Manual Integrations

APPROVED

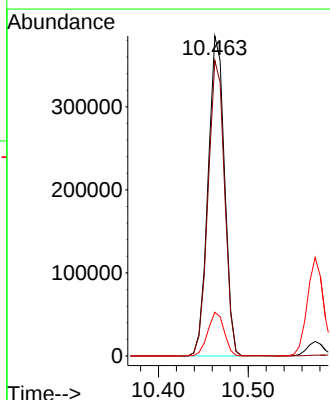
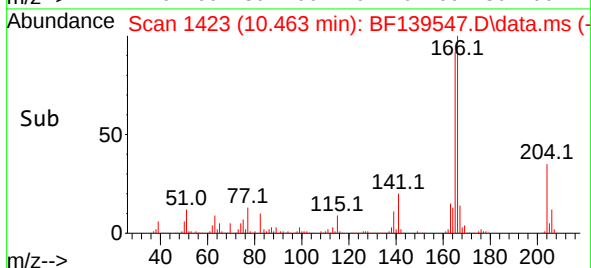
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#58
Fluorene
Concen: 36.646 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



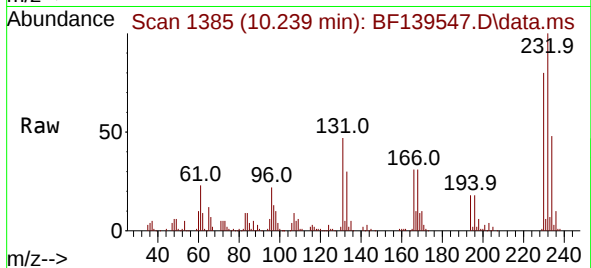
Tgt Ion:166 Resp: 489958
Ion Ratio Lower Upper
166 100
165 92.4 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.489 ng
RT: 10.239 min Scan# 119434
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

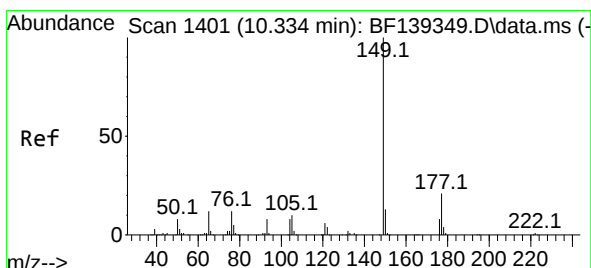
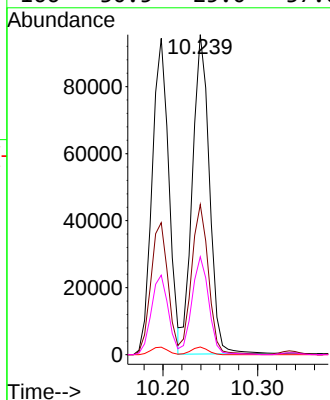
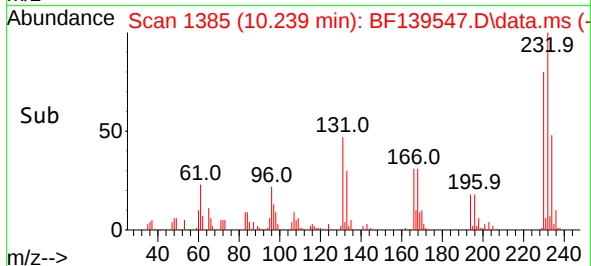
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 119434
Ion Ratio Lower Upper
232 100
131 47.0 40.7 61.1
130 2.4 2.2 3.2
166 30.5 25.0 37.6

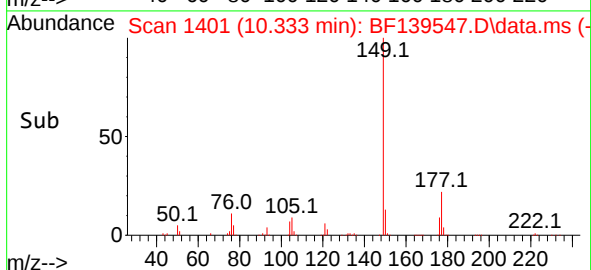
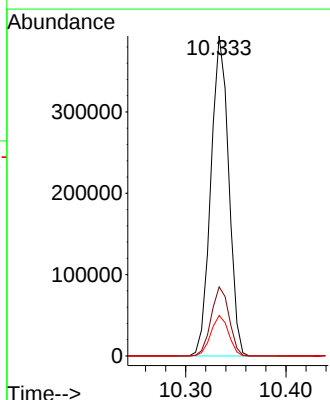
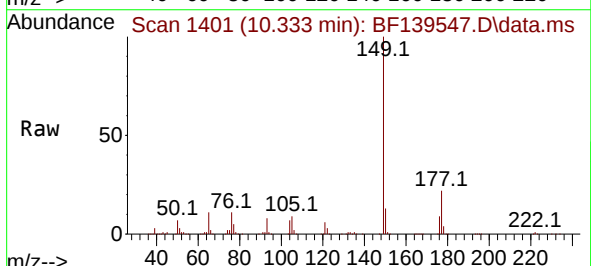
Manual Integrations
APPROVED

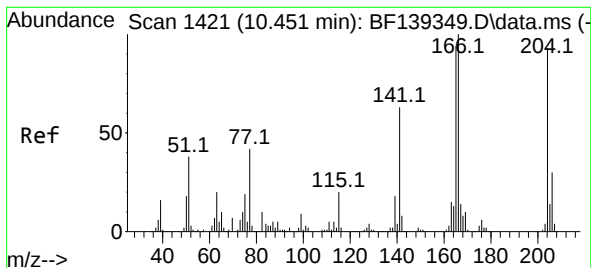
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#60
Diethylphthalate
Concen: 36.883 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

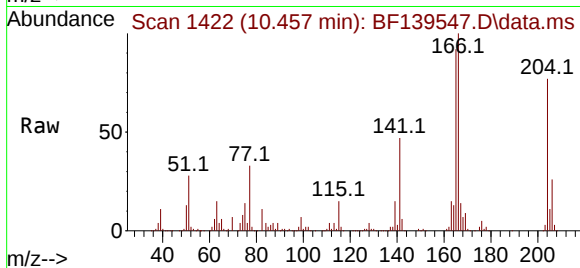
Tgt Ion:149 Resp: 486000
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.6 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 36.728 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

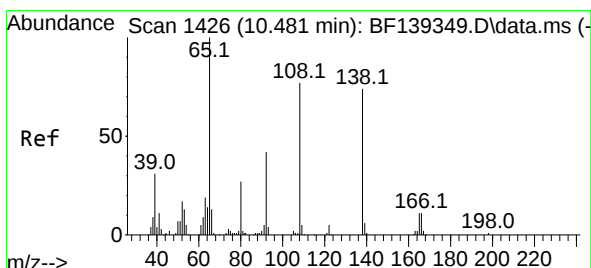
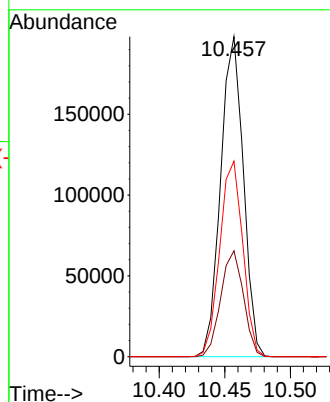
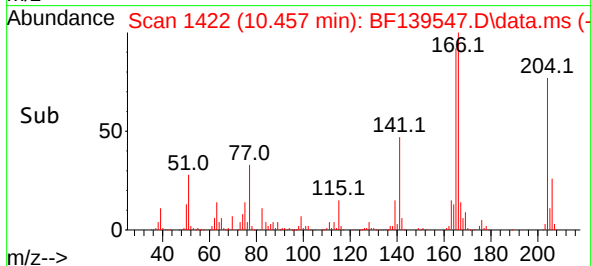
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 238648
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.1 53.9 80.9

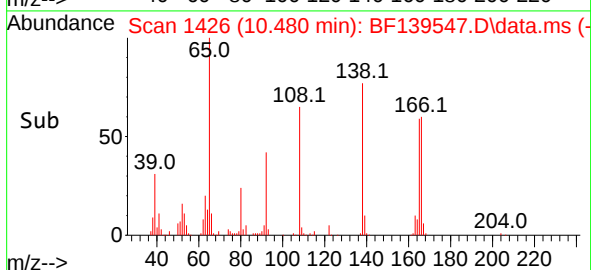
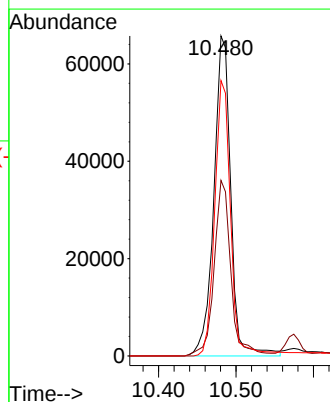
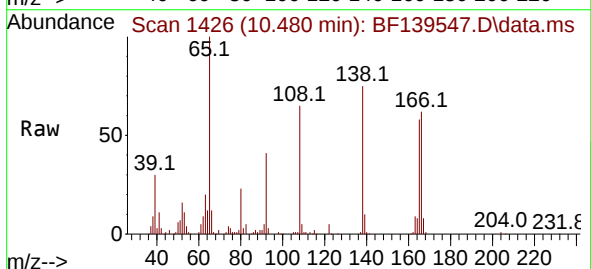
Manual Integrations
APPROVED

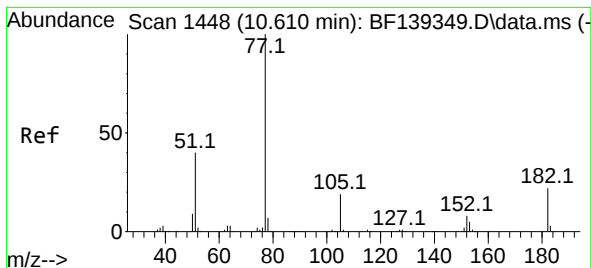
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#62
4-Nitroaniline
Concen: 32.305 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:138 Resp: 99670
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 86.0 84.4 124.4





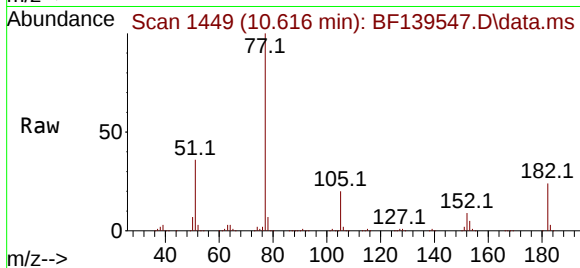
#63
Azobenzene
Concen: 37.658 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



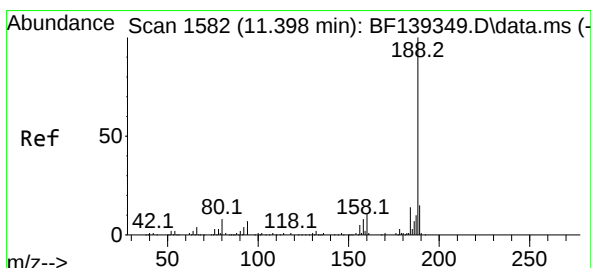
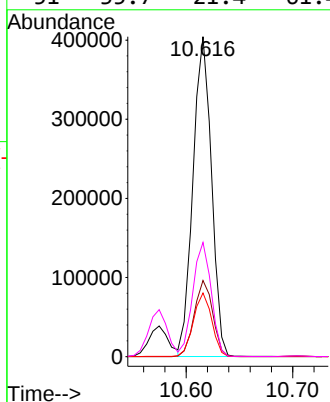
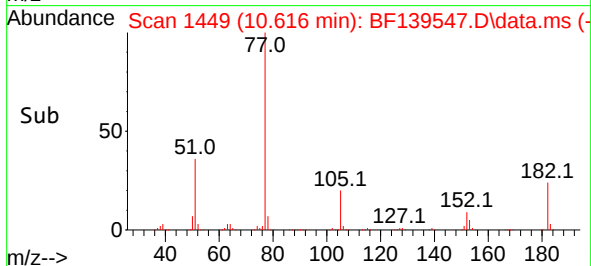
Tgt Ion: 77 Resp: 48804
Ion Ratio Lower Upper
77 100
182 23.8 1.8 41.8
105 19.9 0.0 38.6
51 35.7 21.4 61.4

Manual Integrations

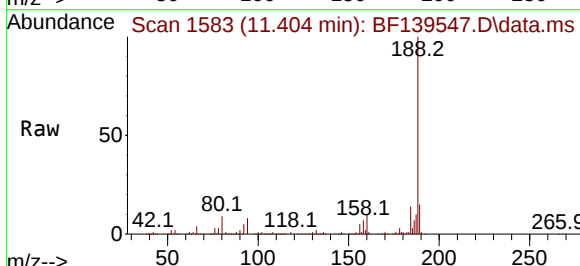
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

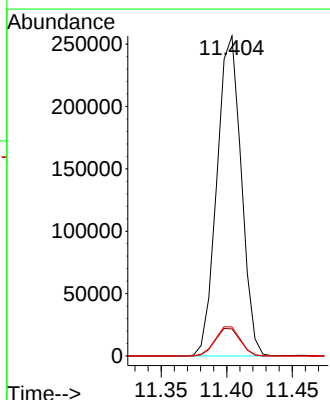
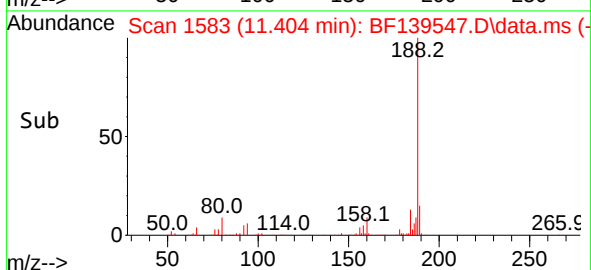
Supervised By :mohammad ahmed 09/28/2024

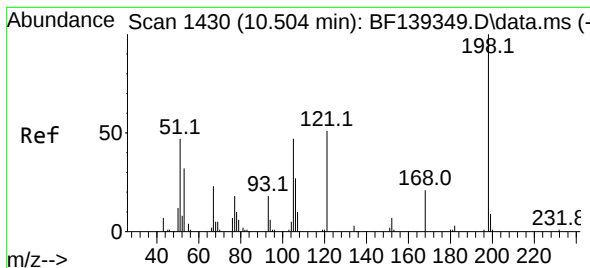


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:188 Resp: 331270
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.0 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 43.077 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

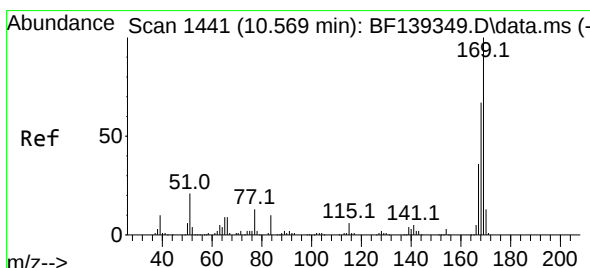
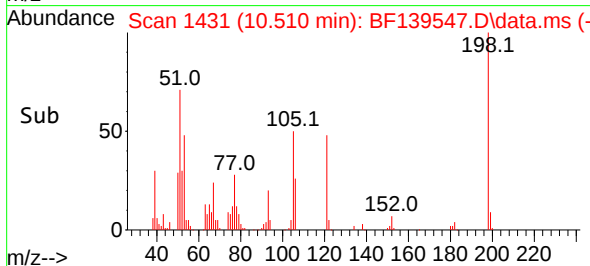
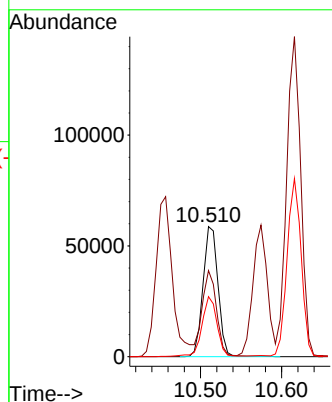
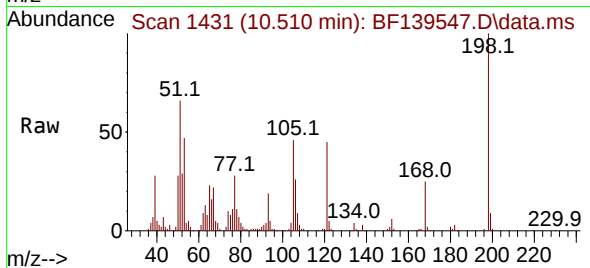
SSTDCCC040

Tgt Ion:198 Resp: 75310
Ion Ratio Lower Upper
198 100
51 66.2 50.4 90.4
105 46.2 28.3 68.3

Manual Integrations

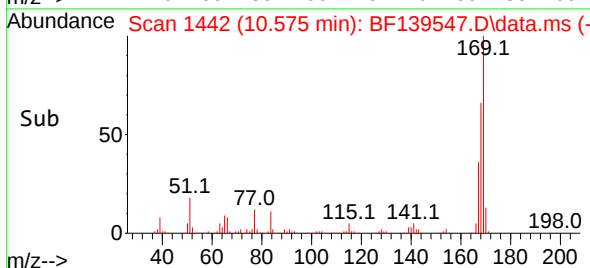
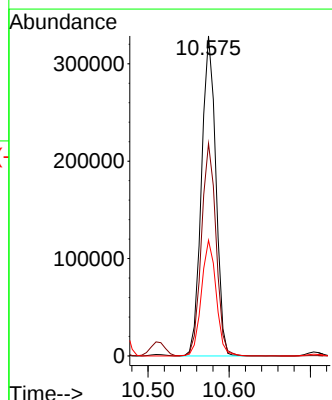
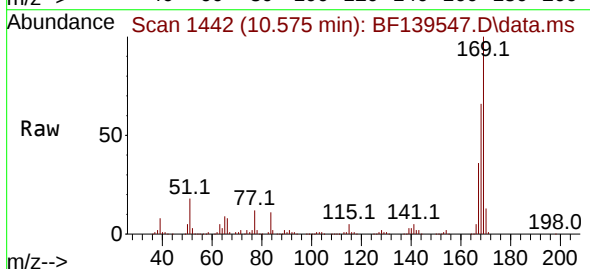
APPROVED

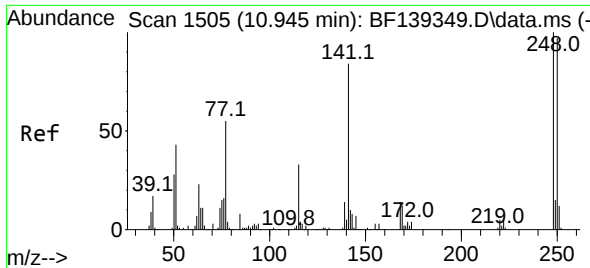
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#66
n-Nitrosodiphenylamine
Concen: 41.683 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Tgt Ion:169 Resp: 403705
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.1 28.7 43.1





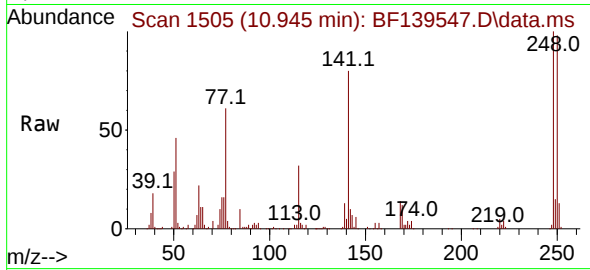
#67
4-Bromophenyl-phenylether
Concen: 41.937 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

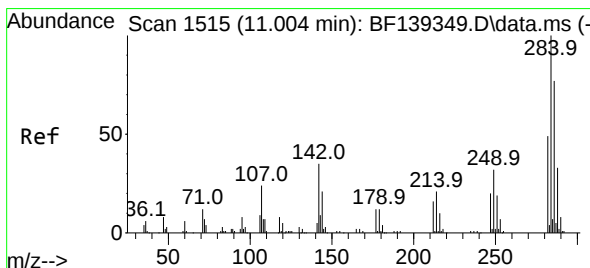
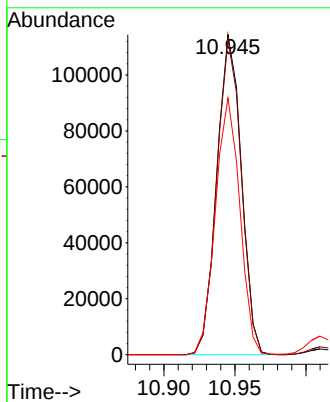
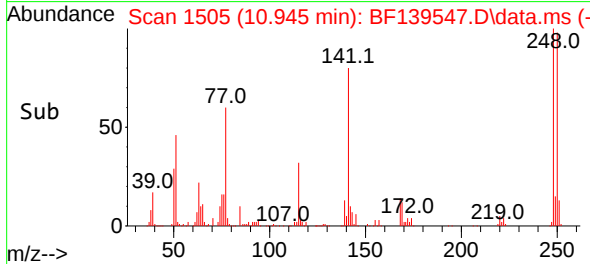


Tgt Ion:248 Resp: 137670
Ion Ratio Lower Upper
248 100
250 98.4 77.6 116.4
141 80.2 66.9 100.3

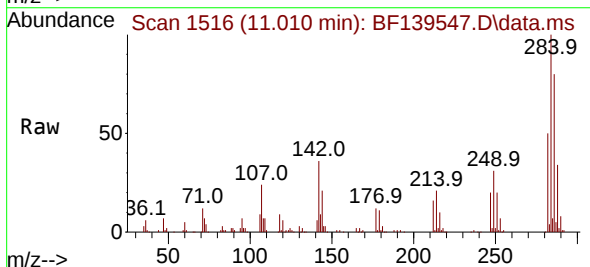
Manual Integrations

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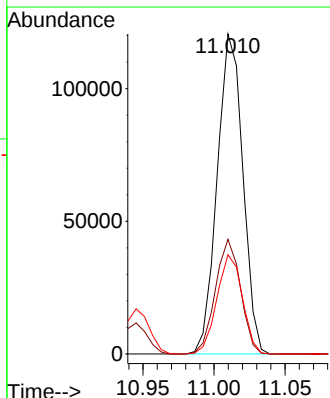
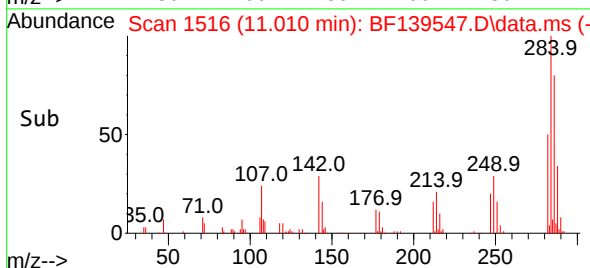
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#68
Hexachlorobenzene
Concen: 39.244 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:284 Resp: 151199
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 32.446 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

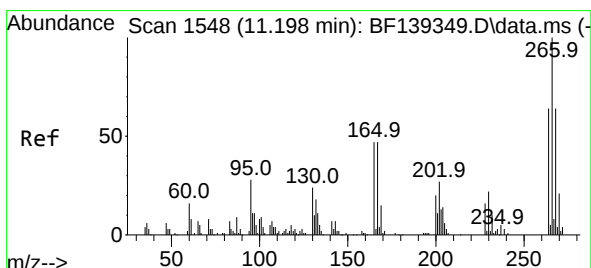
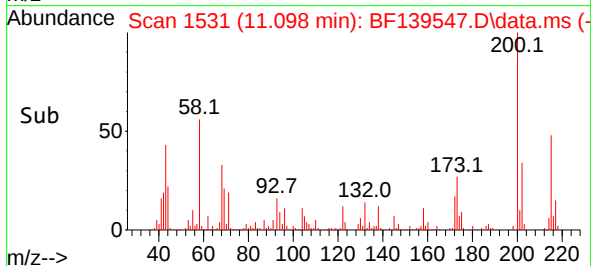
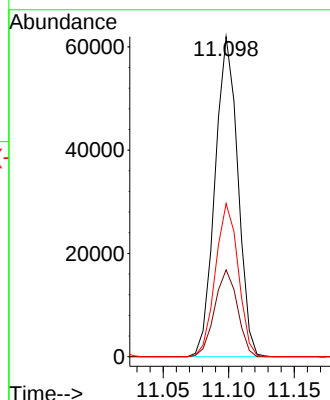
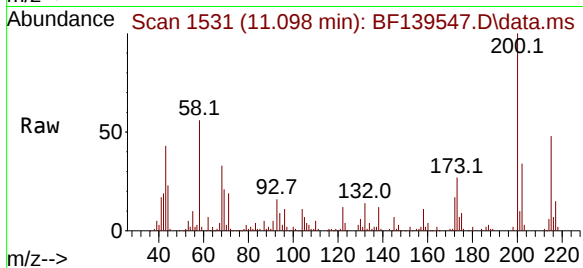
Tgt Ion:200 Resp: 7481
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.1 46.1
 215 47.8 28.2 68.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#70

Pentachlorophenol

Concen: 35.730 ng

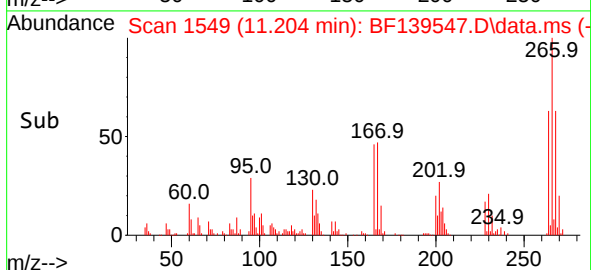
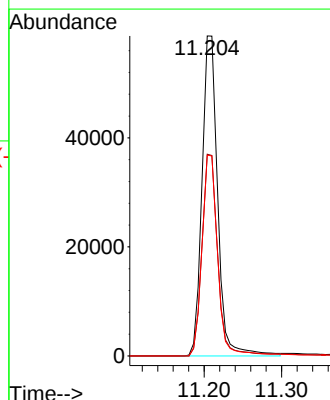
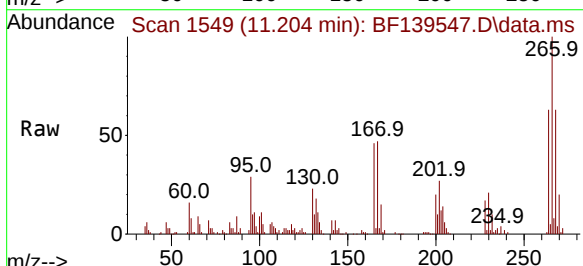
RT: 11.204 min Scan# 1549

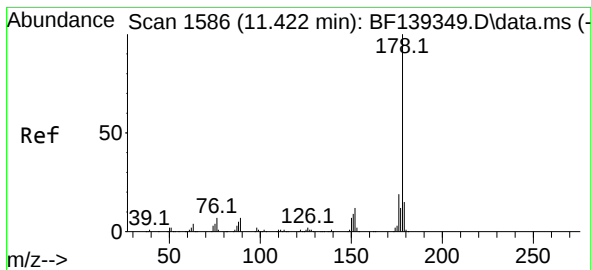
Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Tgt Ion:266 Resp: 82601
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 62.8 51.4 77.0





#71

Phenanthrene

Concen: 38.482 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 615029

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

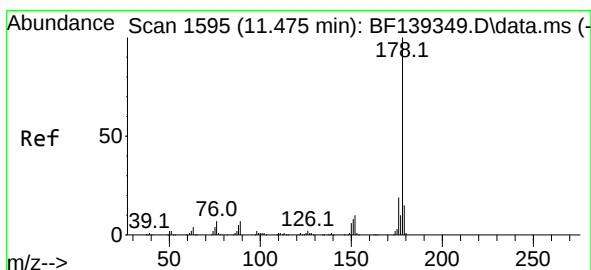
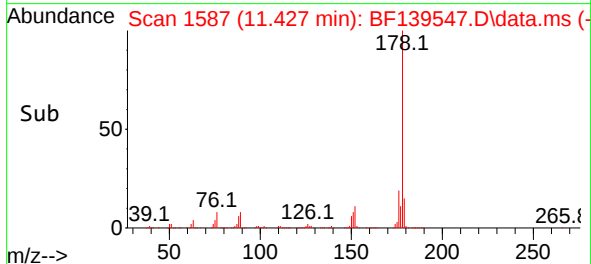
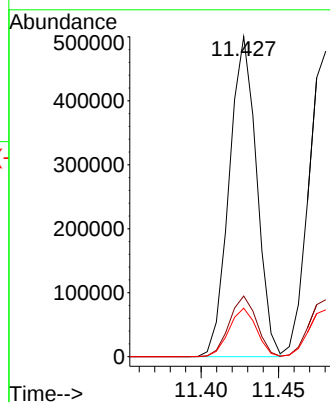
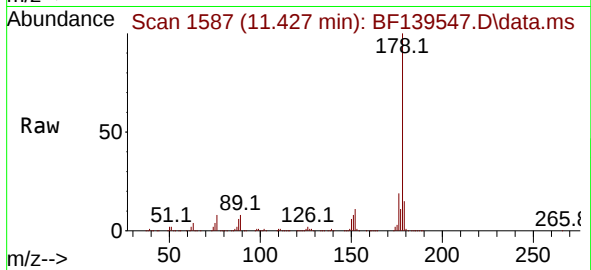
179 15.2 12.2 18.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#72

Anthracene

Concen: 38.826 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

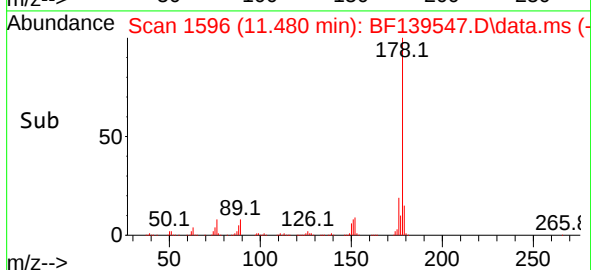
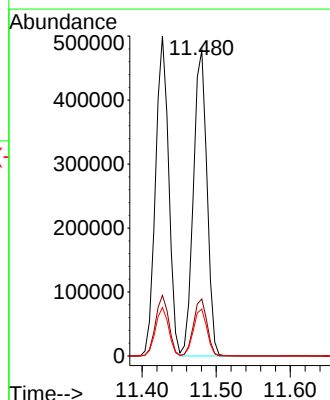
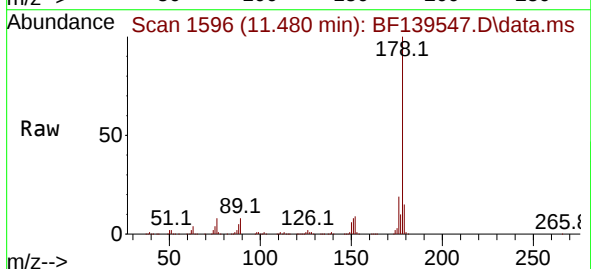
Tgt Ion:178 Resp: 606708

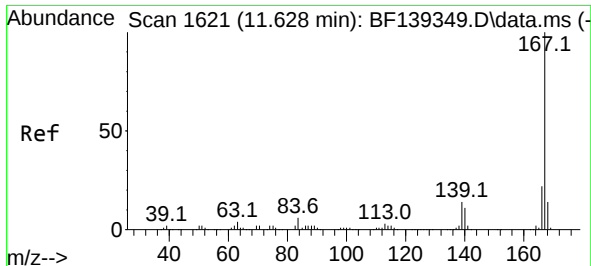
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

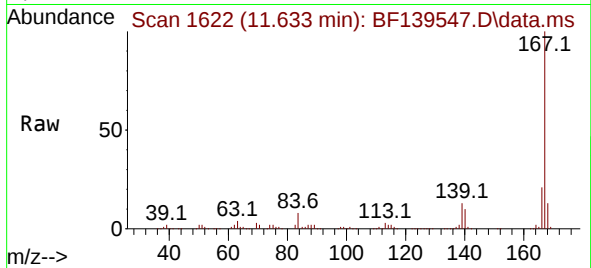
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 37.133 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139547.D
 Acq: 26 Sep 2024 14:54

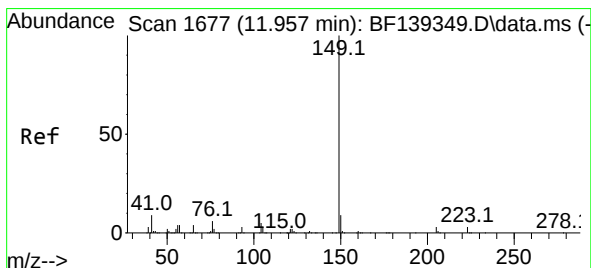
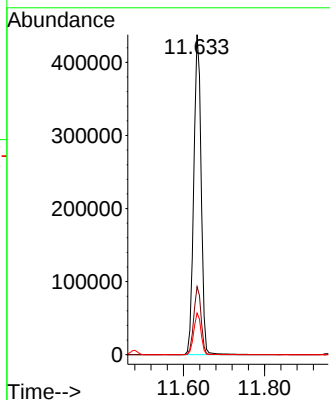
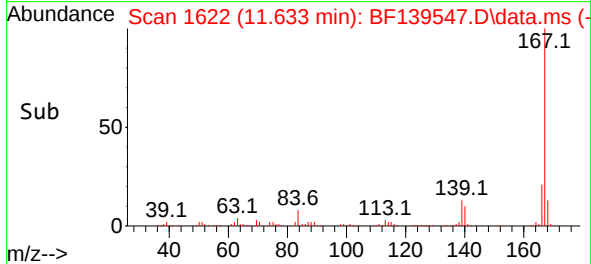
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



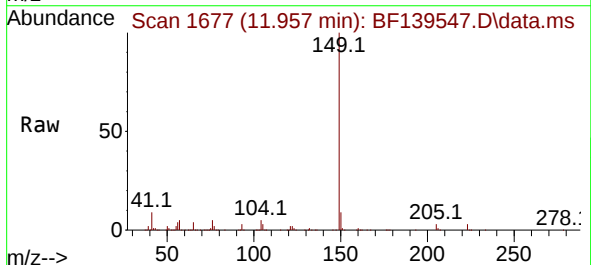
Tgt Ion:167 Resp: 55535
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.0 10.9 16.3

Manual Integrations
 APPROVED

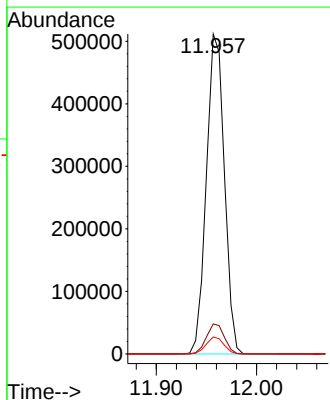
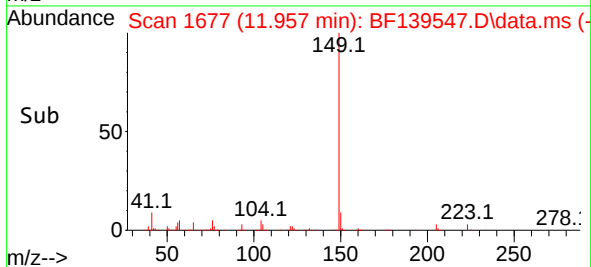
Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

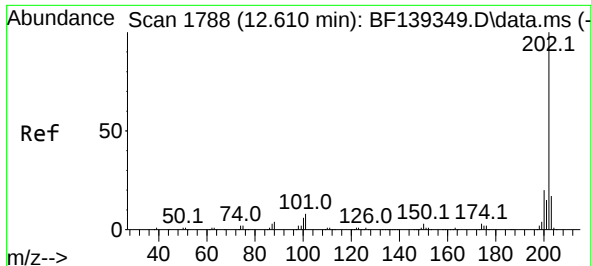


#74
 Di-n-butylphthalate
 Concen: 38.383 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139547.D
 Acq: 26 Sep 2024 14:54



Tgt Ion:149 Resp: 639479
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.3 4.3 6.5





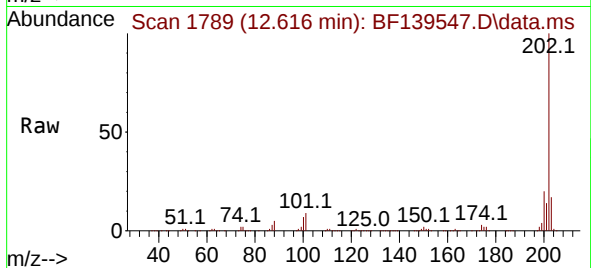
#75
Fluoranthene
Concen: 35.220 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



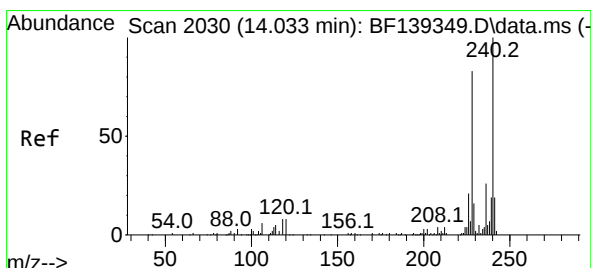
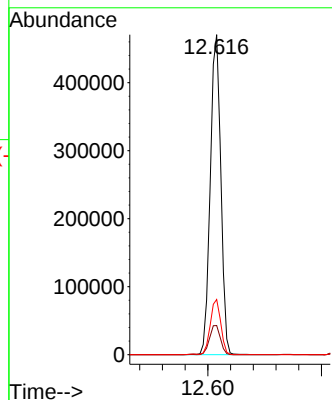
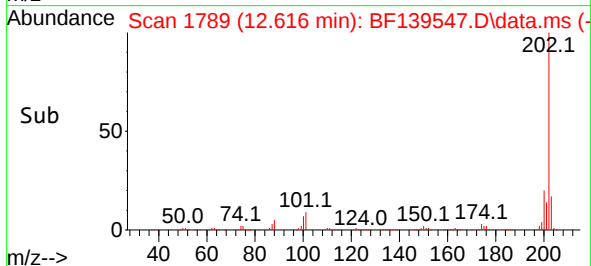
Tgt Ion:202 Resp: 601125
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.7
203 17.3 0.0 37.4

Manual Integrations

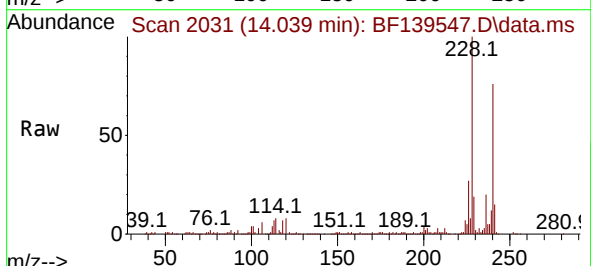
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

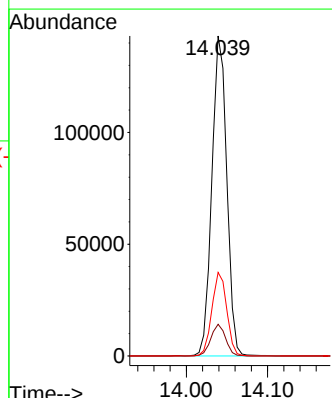
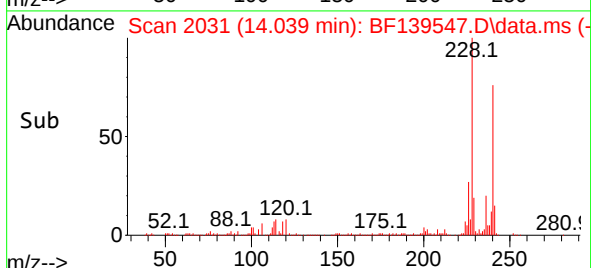
Supervised By :mohammad ahmed 09/28/2024

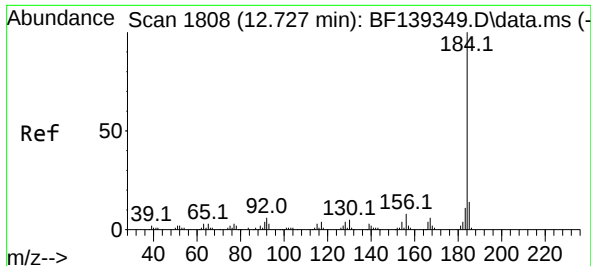


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



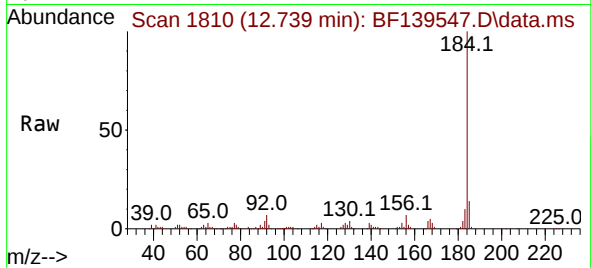
Tgt Ion:240 Resp: 182508
Ion Ratio Lower Upper
240 100
120 9.9 6.2 9.2#
236 26.1 20.9 31.3





#77
Benzidine
Concen: 48.506 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.012 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

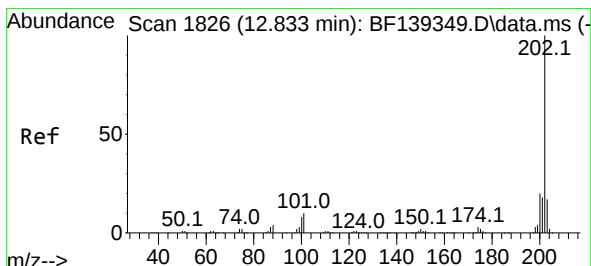
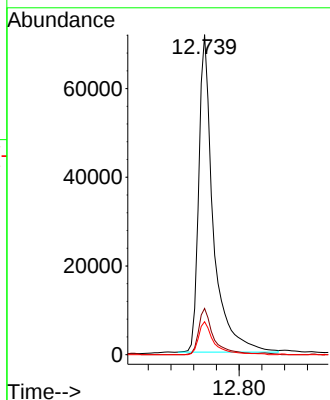
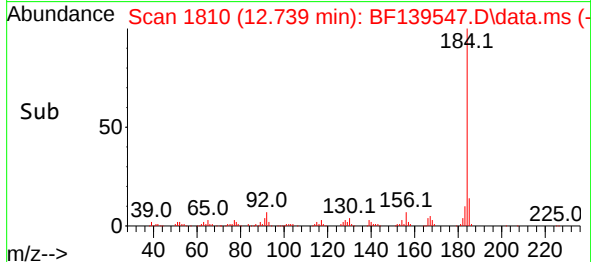
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



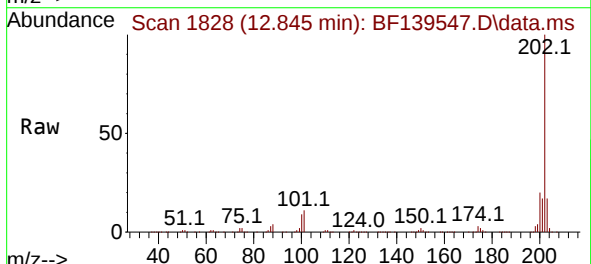
Tgt Ion:184 Resp: 12683
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 10.3 8.9 13.3

Manual Integrations
APPROVED

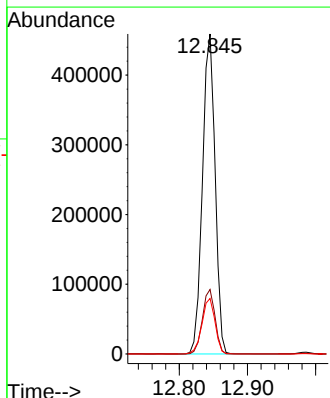
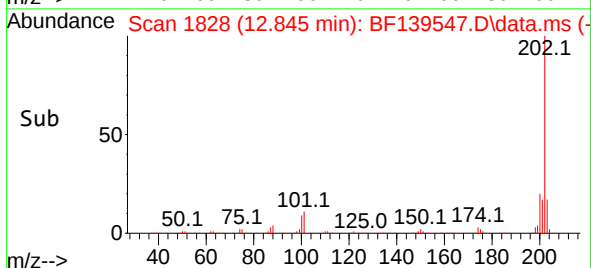
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

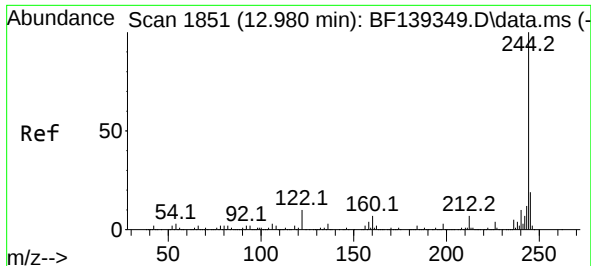


#78
Pyrene
Concen: 37.768 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:202 Resp: 591858
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.4 13.9 20.9





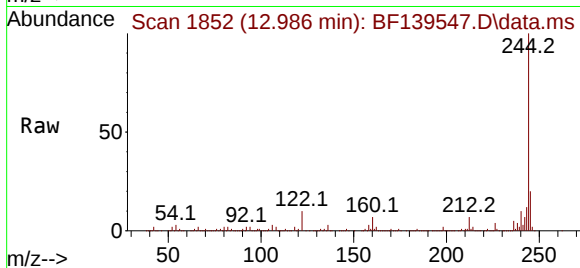
#79
 Terphenyl-d14
 Concen: 71.133 ng
 RT: 12.986 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: BF139547.D
 Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



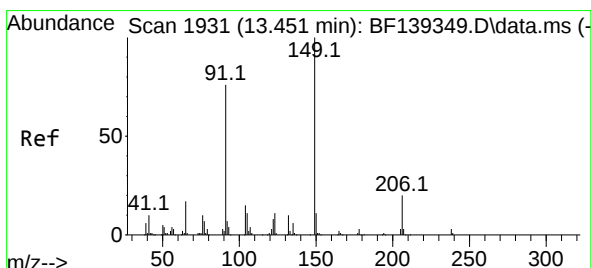
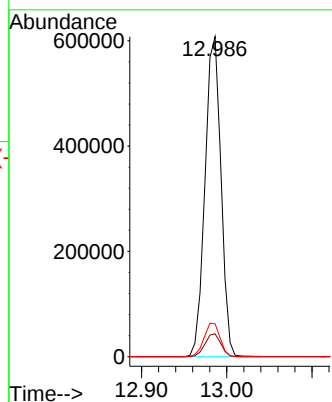
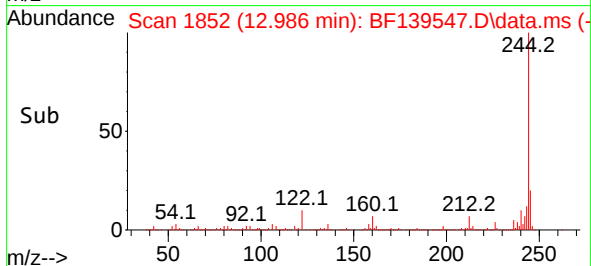
Tgt Ion:244 Resp: 790938
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.2 7.6 11.4

Manual Integrations

APPROVED

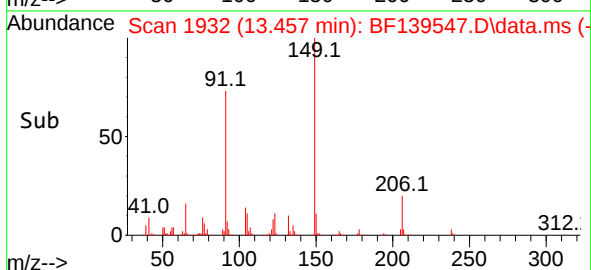
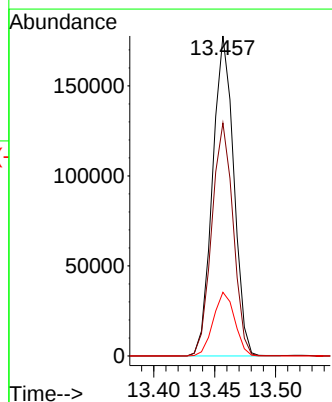
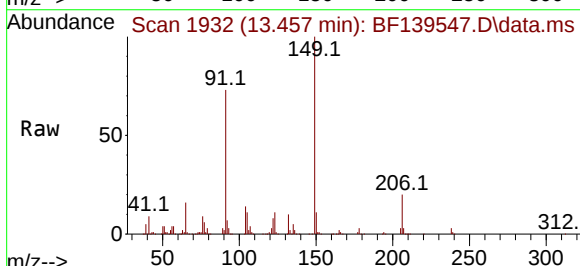
Reviewed By :Yogesh Patel 09/27/2024

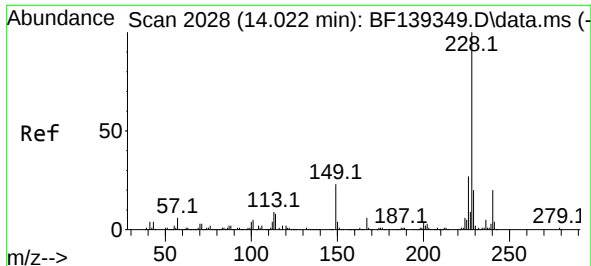
Supervised By :mohammad ahmed 09/28/2024



#80
 Butylbenzylphthalate
 Concen: 40.504 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139547.D
 Acq: 26 Sep 2024 14:54

Tgt Ion:149 Resp: 216050
 Ion Ratio Lower Upper
 149 100
 91 72.8 60.9 91.3
 206 19.9 15.8 23.8





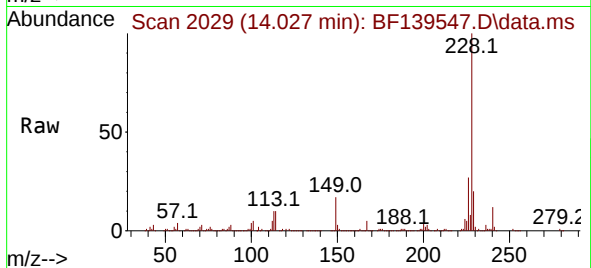
#81
Benzo(a)anthracene
Concen: 40.034 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



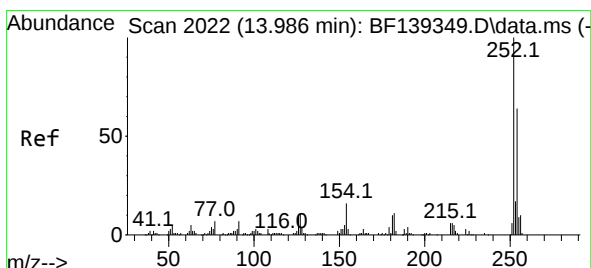
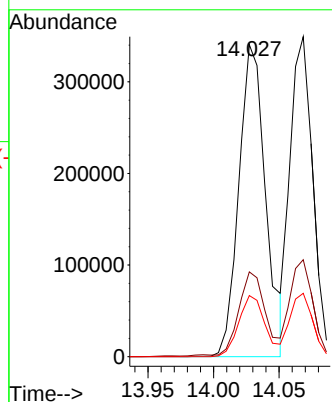
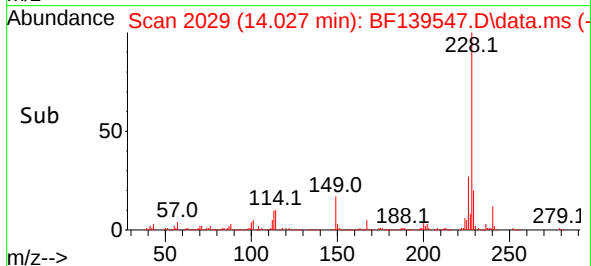
Tgt Ion:228 Resp: 483978
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations

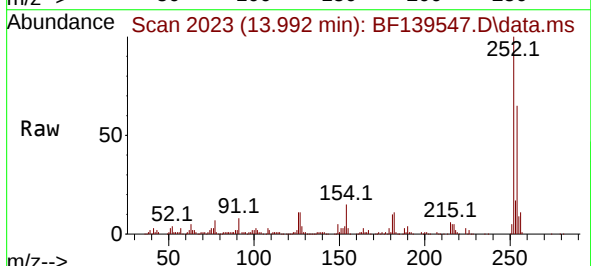
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

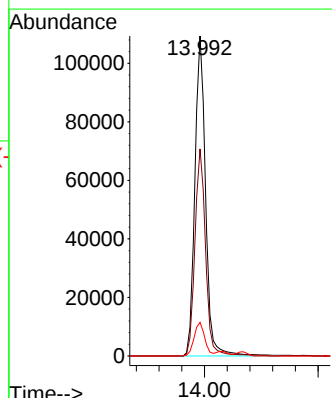
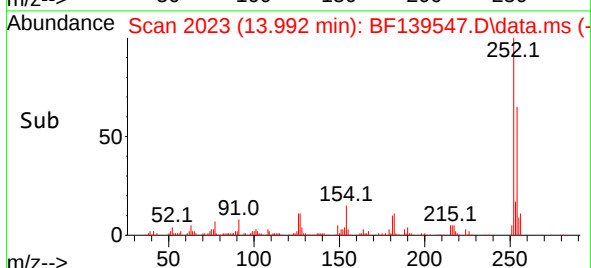
Supervised By :mohammad ahmed 09/28/2024

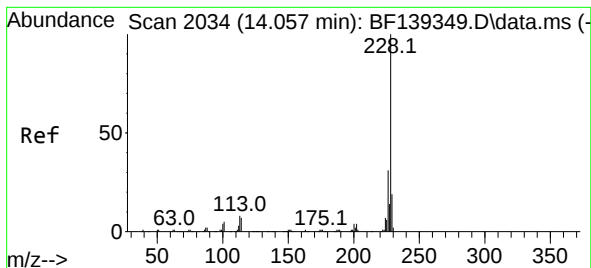


#82
3,3'-Dichlorobenzidine
Concen: 40.746 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:252 Resp: 144256
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 10.5 7.7 11.5





#83

Chrysene

Concen: 37.637 ng

RT: 14.068 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

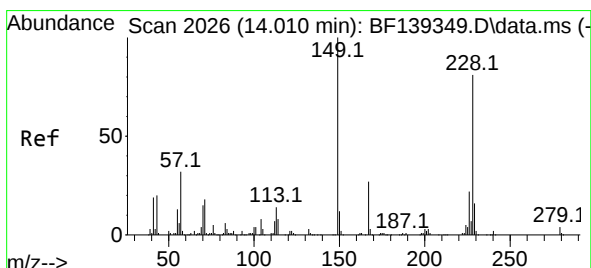
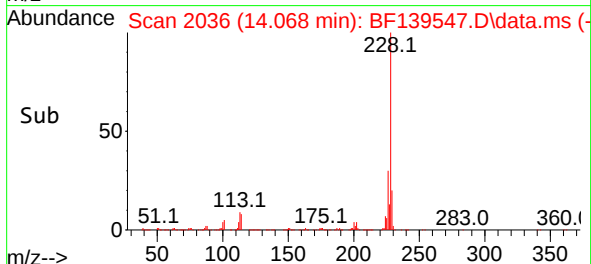
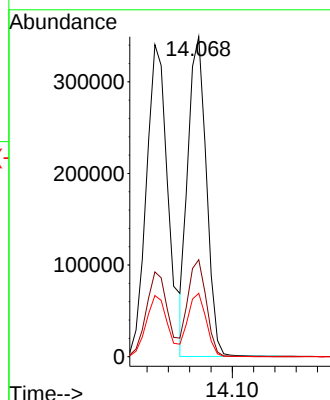
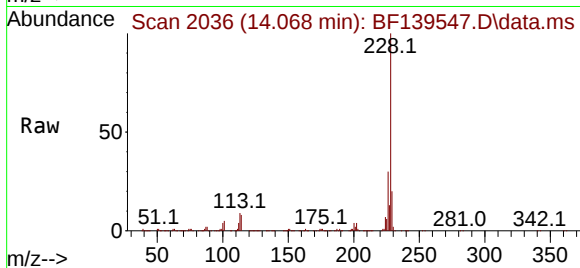
Tgt Ion:228 Resp: 418604
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.132 ng

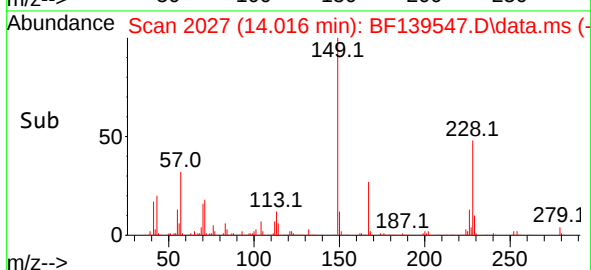
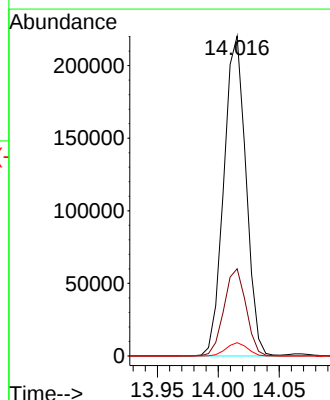
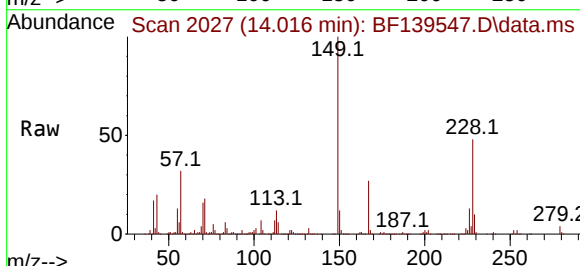
RT: 14.016 min Scan# 2027

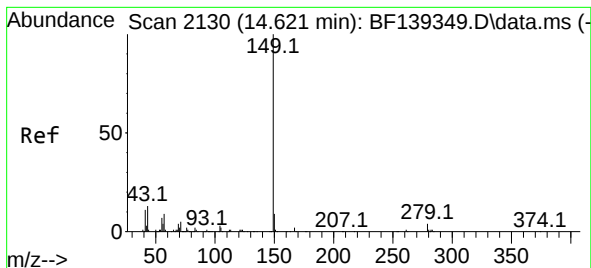
Delta R.T. 0.006 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

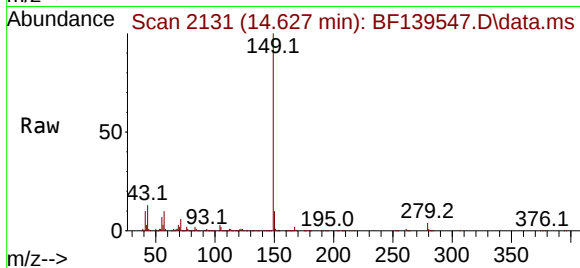
Tgt Ion:149 Resp: 279102
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.6 32.4
 279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 48.672 ng
RT: 14.627 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

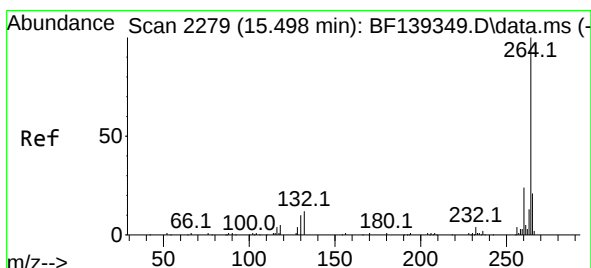
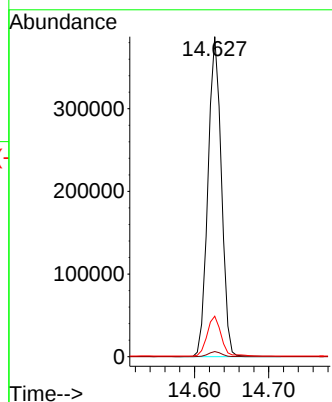
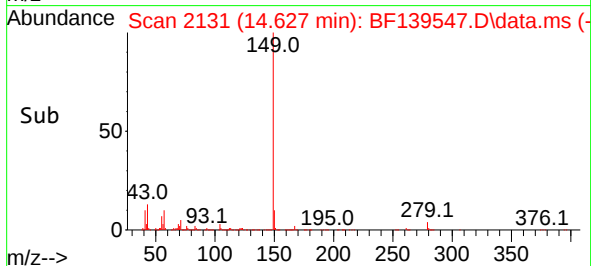
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



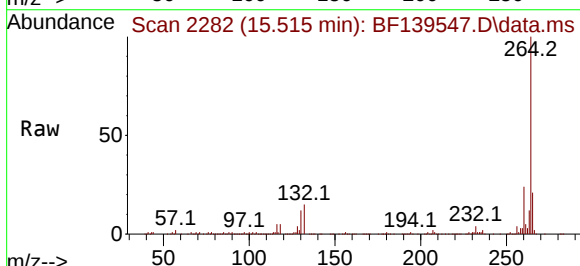
Tgt Ion:149 Resp: 48638
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.0 10.6 16.0

Manual Integrations
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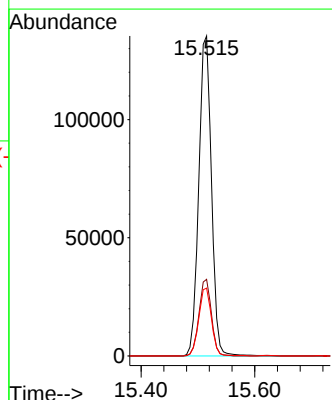
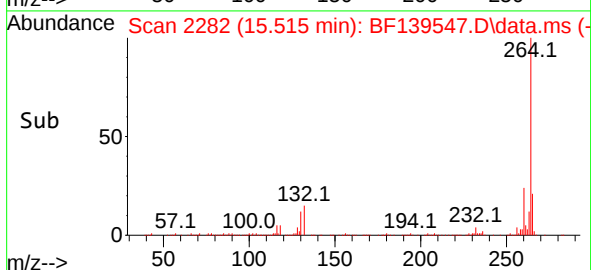
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

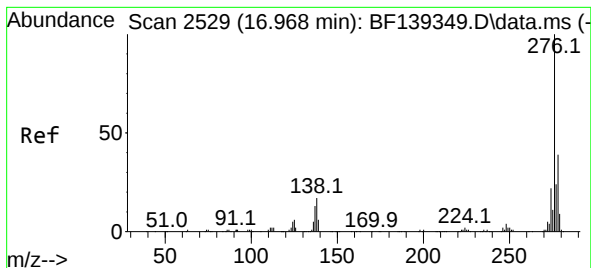


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:264 Resp: 210199
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.447 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139547.D

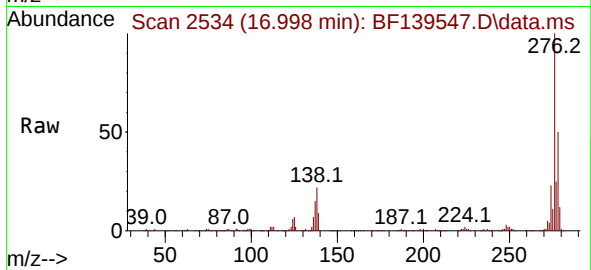
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 49305

Ion Ratio Lower Upper

276 100

138 22.8 15.4 23.2

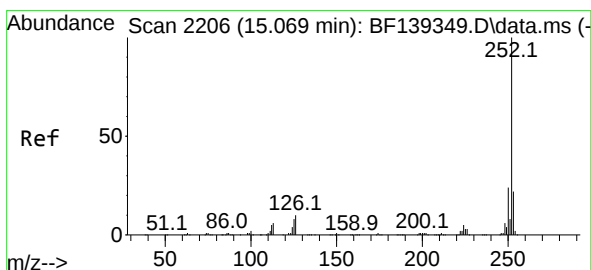
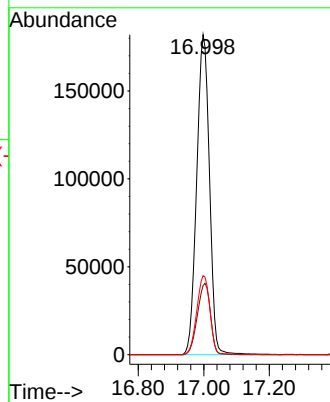
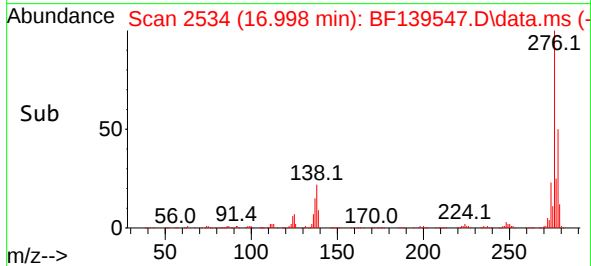
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#88

Benzo(b)fluoranthene

Concen: 38.996 ng m

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

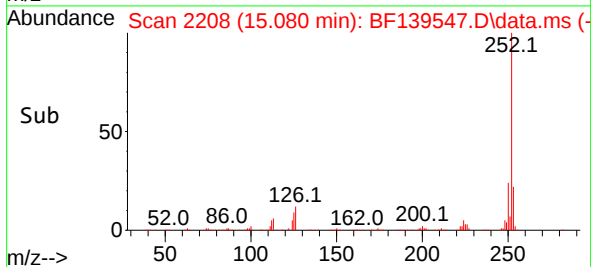
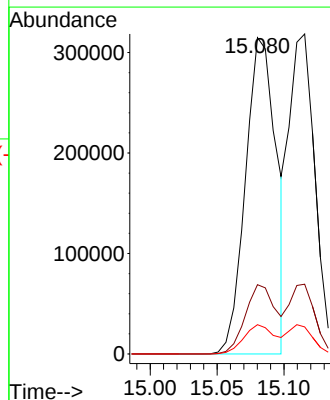
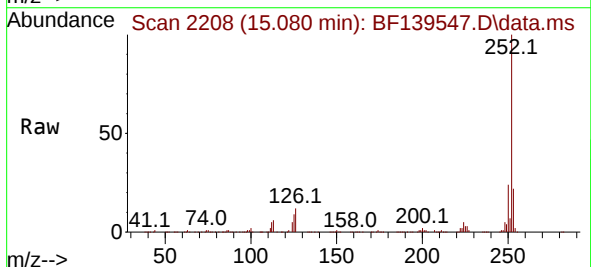
Tgt Ion:252 Resp: 505528

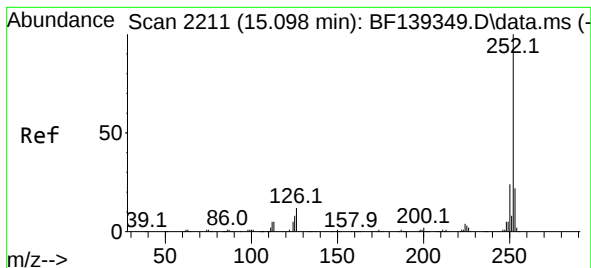
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.3 6.2 9.2#





#89

Benzo(k)fluoranthene

Concen: 35.765 ng

RT: 15.115 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 42749

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

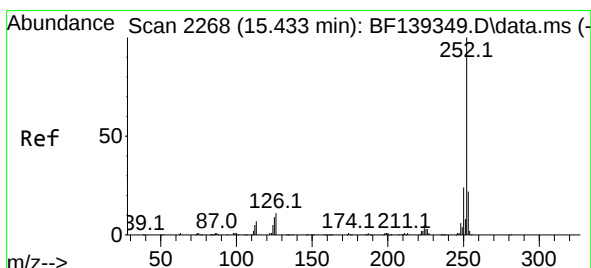
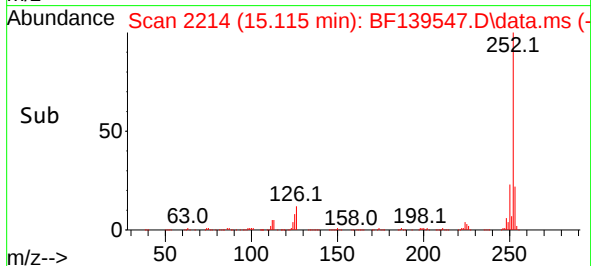
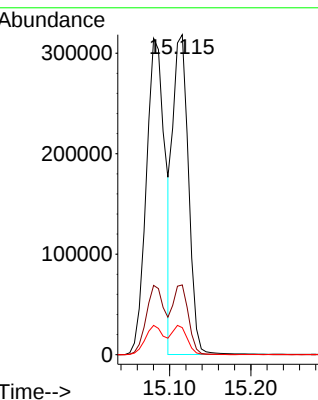
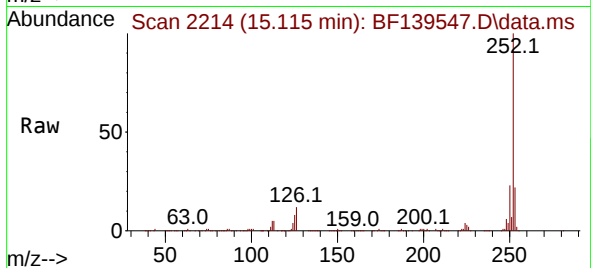
125 8.4 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#90

Benzo(a)pyrene

Concen: 39.287 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139547.D

Acq: 26 Sep 2024 14:54

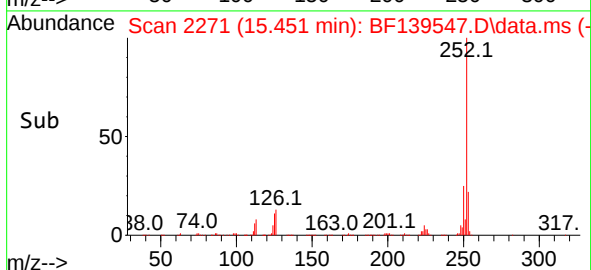
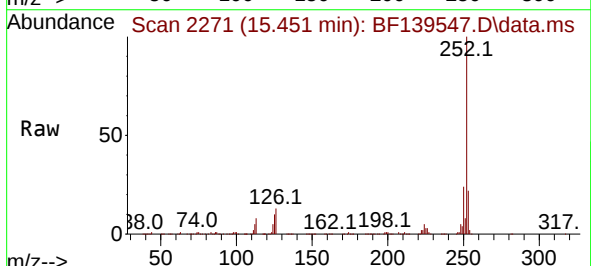
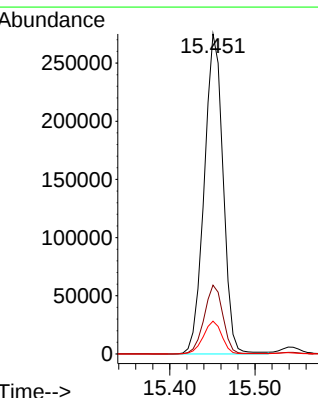
Tgt Ion:252 Resp: 422396

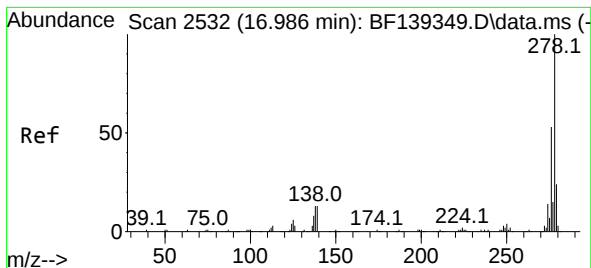
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 10.3 6.8 10.2#





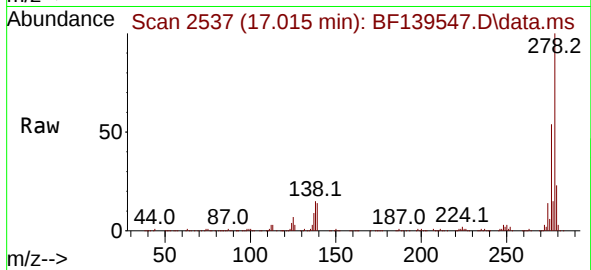
#91
Dibenzo(a,h)anthracene
Concen: 39.355 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



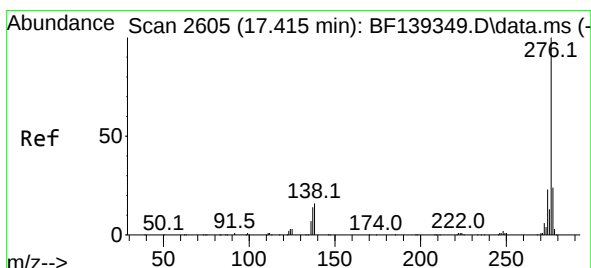
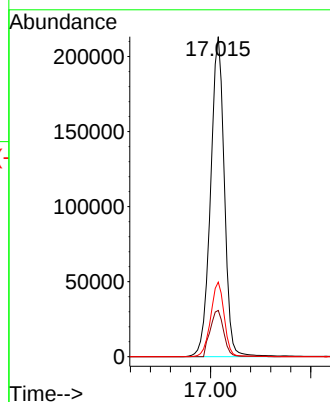
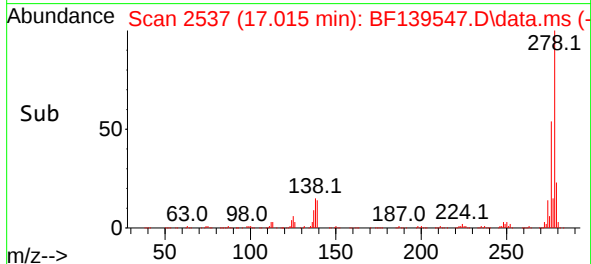
Tgt Ion:278 Resp: 40646
Ion Ratio Lower Upper
278 100
139 14.4 10.2 15.2
279 23.3 18.9 28.3

Manual Integrations

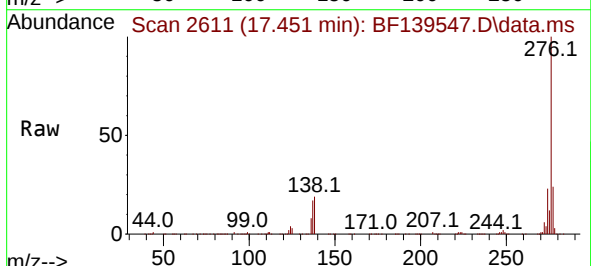
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#92
Benzo(g,h,i)perylene
Concen: 39.868 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.035 min
Lab File: BF139547.D
Acq: 26 Sep 2024 14:54



Tgt Ion:276 Resp: 407700
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 19.5 13.0 19.6

