

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139737.D
 Acq On : 10 Oct 2024 10:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 11:48:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	129608	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	490171	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	285157	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	533894	20.000	ng	0.00
76) Chrysene-d12	14.039	240	278833	20.000	ng	0.00
86) Perylene-d12	15.510	264	239675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	572278	76.531	ng	0.00
7) Phenol-d6	6.510	99	775004	77.069	ng	0.00
23) Nitrobenzene-d5	7.440	82	730798	75.485	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	208341	75.685	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1363342	73.397	ng	0.00
79) Terphenyl-d14	12.980	244	1382724	81.368	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	121672	37.635	ng	99
3) Pyridine	3.387	79	306445	38.974	ng	98
4) n-Nitrosodimethylamine	3.357	42	189676	36.854	ng	95
6) Aniline	6.534	93	318439	35.686	ng	# 72
8) 2-Chlorophenol	6.657	128	310361	38.739	ng	99
9) Benzaldehyde	6.422	77	223916	42.035	ng	99
10) Phenol	6.522	94	409388	38.717	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	311524	36.184	ng	100
12) 1,3-Dichlorobenzene	6.810	146	341298	37.869	ng	99
13) 1,4-Dichlorobenzene	6.887	146	347328	38.050	ng	100
14) 1,2-Dichlorobenzene	7.040	146	322334	37.678	ng	100
15) Benzyl Alcohol	7.016	79	291814	37.980	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	554733	37.219	ng	89
17) 2-Methylphenol	7.128	107	256417	38.338	ng	99
18) Hexachloroethane	7.381	117	131328	38.572	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	245828	38.024	ng	99
20) 3+4-Methylphenols	7.281	107	323659	38.527	ng	97
22) Acetophenone	7.281	105	439951	37.812	ng	98
24) Nitrobenzene	7.457	77	384025	38.307	ng	99
25) Isophorone	7.692	82	664422	38.640	ng	99
26) 2-Nitrophenol	7.769	139	175716	40.772	ng	100
27) 2,4-Dimethylphenol	7.810	122	205056	38.866	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	397953	38.757	ng	100
29) 2,4-Dichlorophenol	8.016	162	271991	39.524	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	300267	38.582	ng	100
31) Naphthalene	8.175	128	964881	38.500	ng	100
32) Benzoic acid	7.951	122	228748	43.603	ng	97
33) 4-Chloroaniline	8.228	127	313102	36.908	ng	99
34) Hexachlorobutadiene	8.287	225	190105	37.746	ng	99
35) Caprolactam	8.610	113	91835	40.686	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	302154	38.787	ng	98
37) 2-Methylnaphthalene	8.863	142	621602	38.082	ng	99
38) 1-Methylnaphthalene	8.963	142	607333	38.066	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	296069	37.390	ng	99
41) Hexachlorocyclopentadiene	9.016	237	76047	31.321	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	197801	37.055	ng	98

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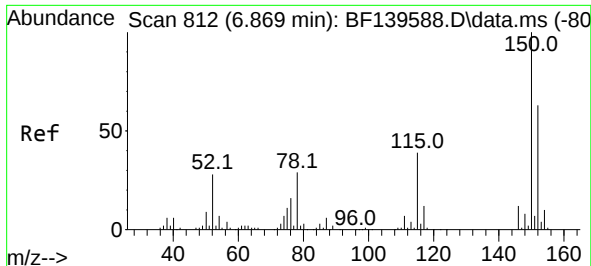
Manual Integrations
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Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	219985	38.214	ng	99
46) 1,1'-Biphenyl	9.334	154	796756	37.567	ng	99
47) 2-Chloronaphthalene	9.357	162	606742	38.160	ng	98
48) 2-Nitroaniline	9.457	65	218206	38.231	ng	95
49) Acenaphthylene	9.769	152	910893	37.671	ng	100
50) Dimethylphthalate	9.633	163	729770	39.095	ng	100
51) 2,6-Dinitrotoluene	9.698	165	165082	39.149	ng	95
52) Acenaphthene	9.945	154	625952m	37.709	ng	
53) 3-Nitroaniline	9.869	138	164338	38.137	ng	96
54) 2,4-Dinitrophenol	9.981	184	94484	41.659	ng	93
55) Dibenzofuran	10.116	168	873085	37.565	ng	99
56) 4-Nitrophenol	10.033	139	122422	37.255	ng	94
57) 2,4-Dinitrotoluene	10.104	165	212754	38.600	ng	96
58) Fluorene	10.457	166	700257	37.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	168668	36.276	ng	99
60) Diethylphthalate	10.328	149	748201	38.806	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	346641	37.430	ng	99
62) 4-Nitroaniline	10.486	138	169641	38.487	ng	98
63) Azobenzene	10.610	77	729552	37.626	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	121898	40.426	ng	95
66) n-Nitrosodiphenylamine	10.569	169	594525	37.778	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	210337	38.424	ng	99
68) Hexachlorobenzene	11.004	284	233017	38.361	ng	99
69) Atrazine	11.092	200	153350	36.319	ng	99
70) Pentachlorophenol	11.204	266	131674	36.405	ng	100
71) Phenanthrene	11.422	178	958320	38.069	ng	100
72) Anthracene	11.475	178	938742	37.694	ng	100
73) Carbazole	11.627	167	911786	38.119	ng	100
74) Di-n-butylphthalate	11.951	149	1150293	39.547	ng	100
75) Fluoranthene	12.610	202	1026968	37.319	ng	100
77) Benzidine	12.733	184	246548	50.129	ng	99
78) Pyrene	12.839	202	1035070	41.505	ng	99
80) Butylbenzylphthalate	13.451	149	390603	43.788	ng	98
81) Benzo(a)anthracene	14.027	228	705364	38.477	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	219580	39.138	ng	99
83) Chrysene	14.063	228	650713	38.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	503371	45.191	ng	99
85) Di-n-octyl phthalate	14.621	149	709475	43.356	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	599675	42.510	ng	100
88) Benzo(b)fluoranthene	15.080	252	613591	39.594	ng	99
89) Benzo(k)fluoranthene	15.110	252	447324	34.028	ng	100
90) Benzo(a)pyrene	15.451	252	470180	38.478	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	498867	42.637	ng	100
92) Benzo(g,h,i)perylene	17.451	276	504384	42.984	ng	99

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



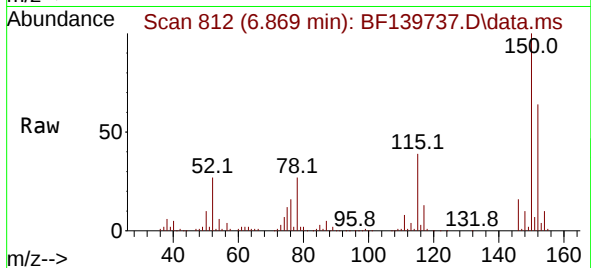
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

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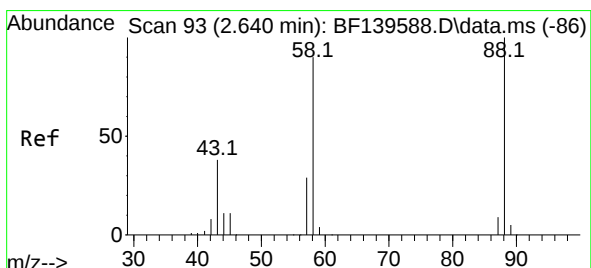
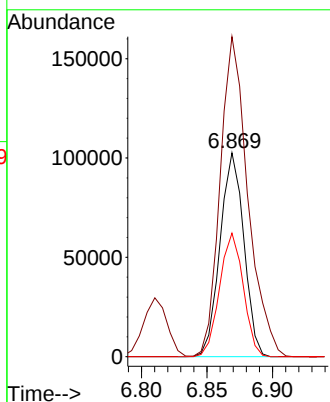
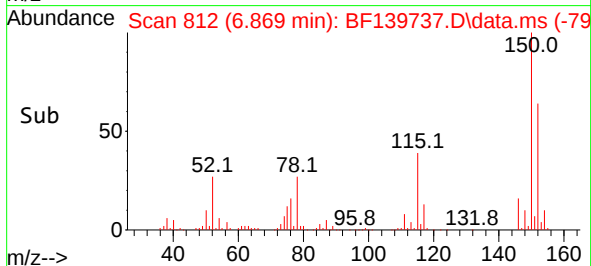
Tgt Ion:152 Resp: 129608
Ion Ratio Lower Upper
152 100
150 156.9 127.2 190.8
115 60.6 49.0 73.4

Manual Integrations

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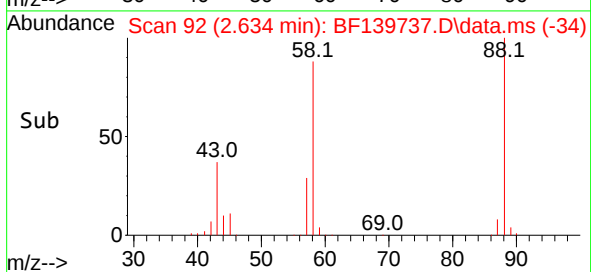
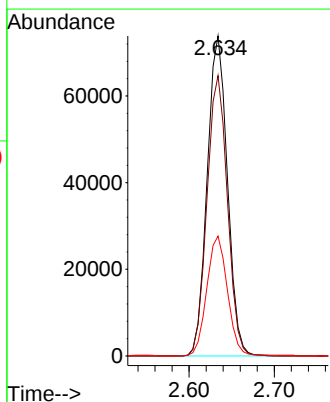
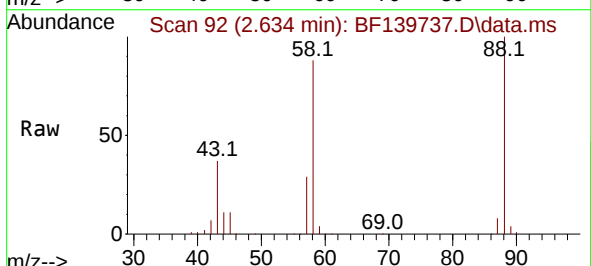
Reviewed By :Yogesh Patel 10/11/2024

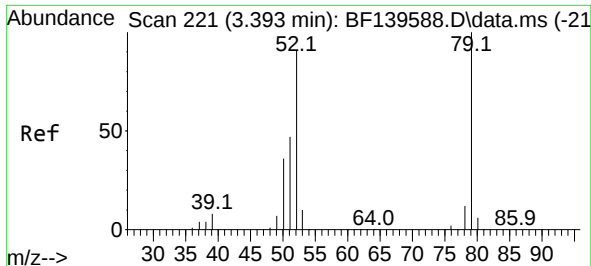
Supervised By :mohammad ahmed 10/11/2024



#2
1,4-Dioxane
Concen: 37.635 ng
RT: 2.634 min Scan# 92
Delta R.T. -0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion: 88 Resp: 121672
Ion Ratio Lower Upper
88 100
58 88.6 72.0 108.0
43 38.4 30.8 46.2





#3
Pyridine
Concen: 38.974 ng
RT: 3.387 min Scan# 215
Delta R.T. -0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

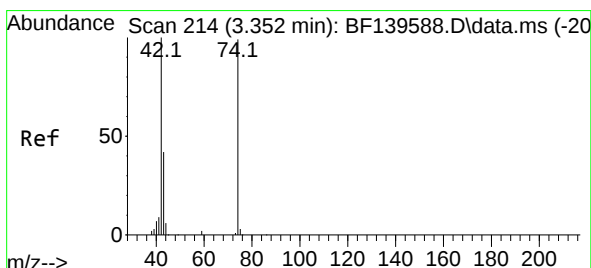
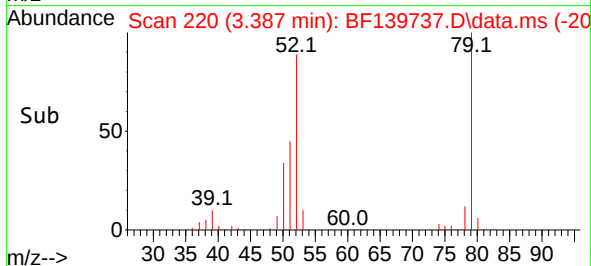
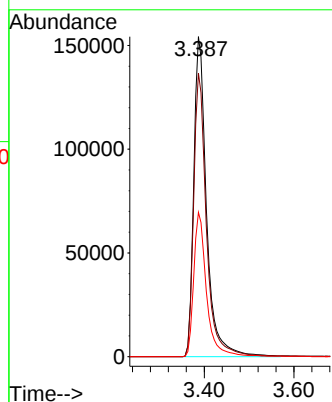
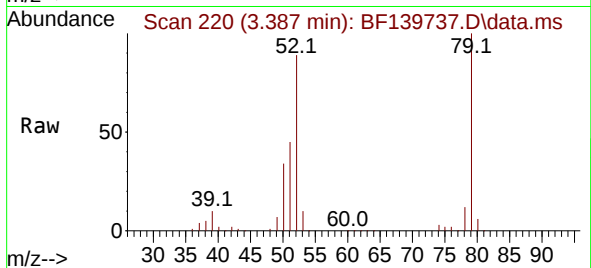
SSTDCCC040

Tgt Ion: 79 Resp: 30644
Ion Ratio Lower Upper
79 100
52 88.6 72.6 109.0
51 45.1 37.5 56.3

Manual Integrations

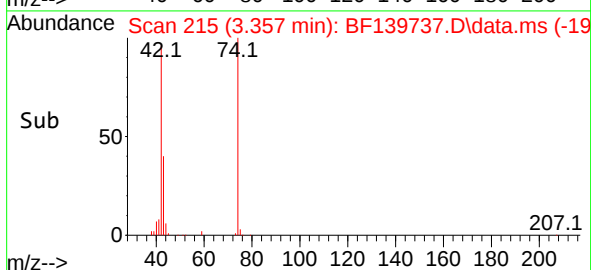
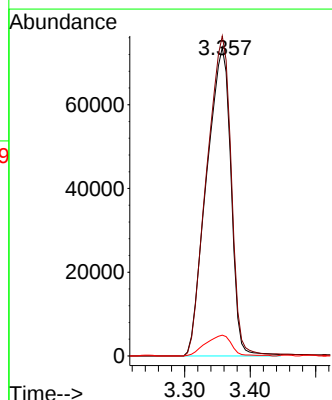
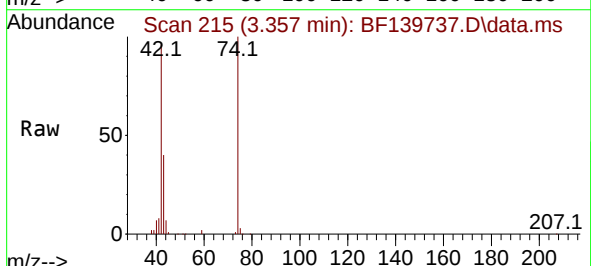
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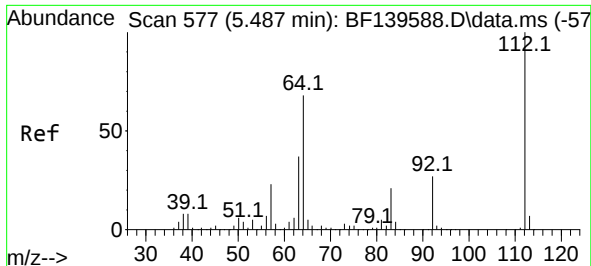
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#4
n-Nitrosodimethylamine
Concen: 36.854 ng
RT: 3.357 min Scan# 215
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion: 42 Resp: 189676
Ion Ratio Lower Upper
42 100
74 103.7 79.0 118.6
44 6.8 5.2 7.8





#5
2-Fluorophenol
Concen: 76.531 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

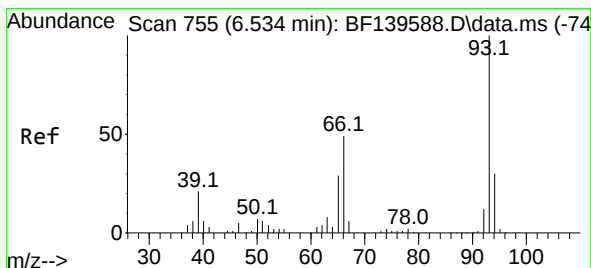
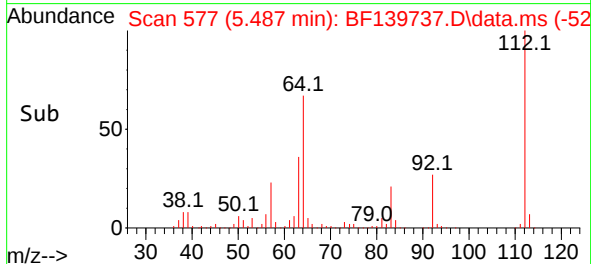
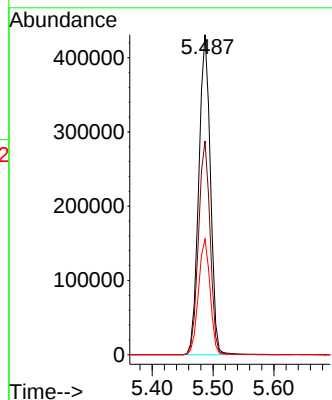
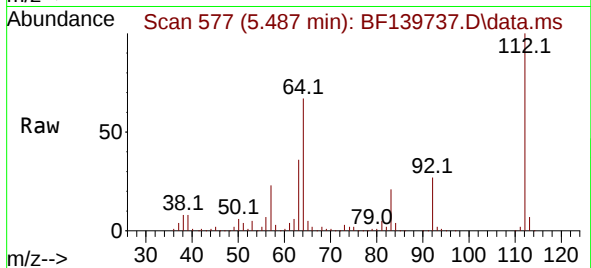
SSTDCCC040

Tgt Ion:112 Resp: 572278
Ion Ratio Lower Upper
112 100
64 66.8 54.2 81.4
63 36.1 29.4 44.2

Manual Integrations

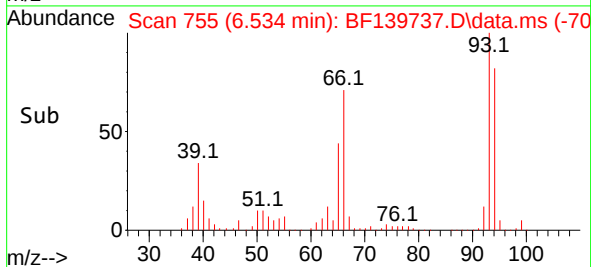
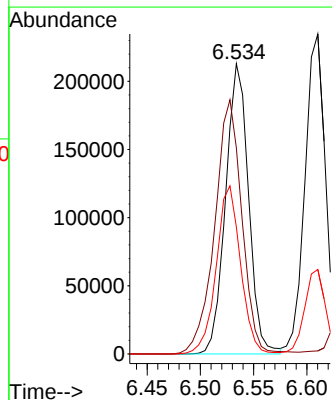
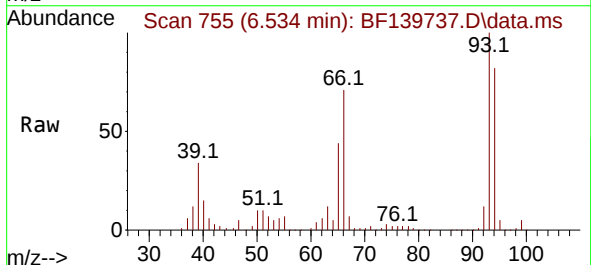
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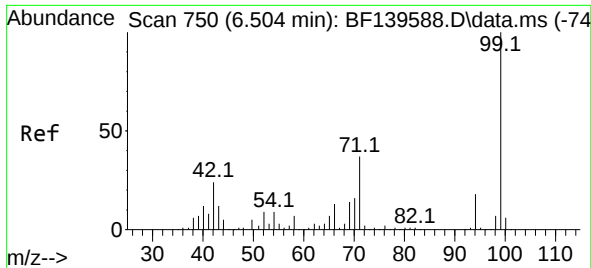
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#6
Aniline
Concen: 35.686 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion: 93 Resp: 318439
Ion Ratio Lower Upper
93 100
66 71.0 40.9 61.3#
65 43.8 23.3 34.9#





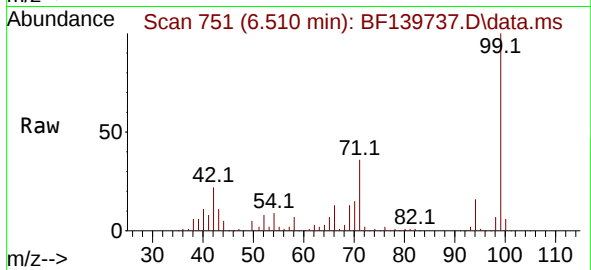
#7
Phenol-d6
Concen: 77.069 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

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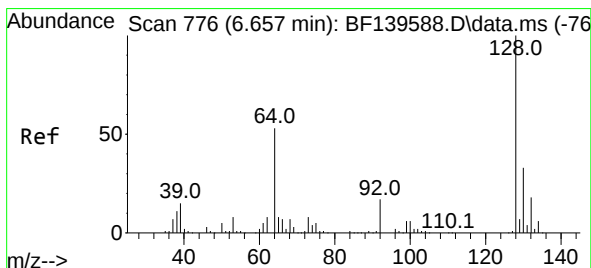
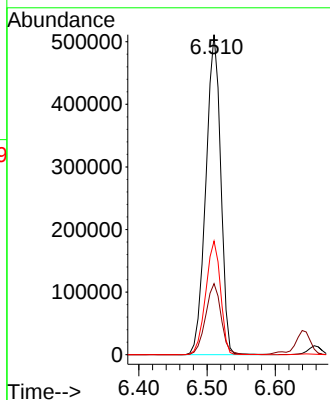
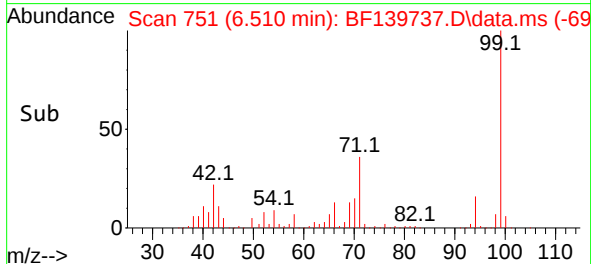


Tgt Ion: 99 Resp: 775004
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.5 29.7 44.5

Manual Integrations

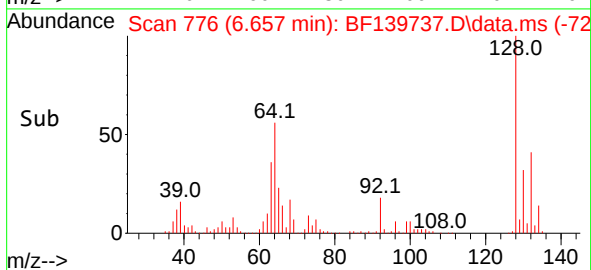
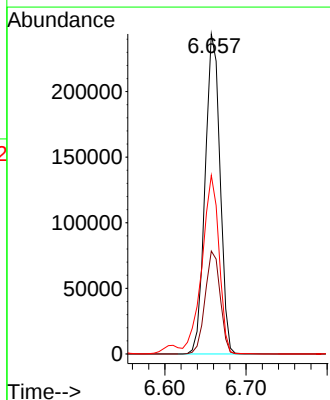
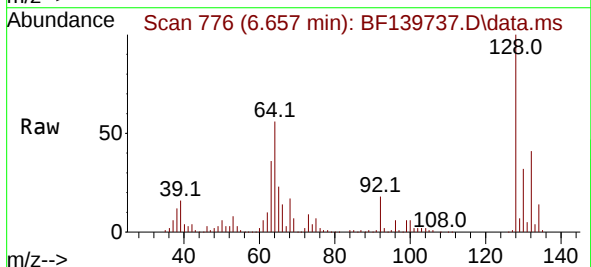
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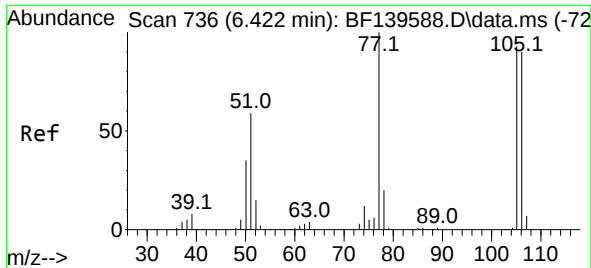
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#8
2-Chlorophenol
Concen: 38.739 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:128 Resp: 310361
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 55.8 35.1 75.1





#9
Benzaldehyde
Concen: 42.035 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

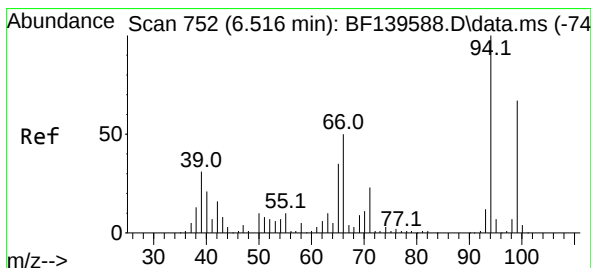
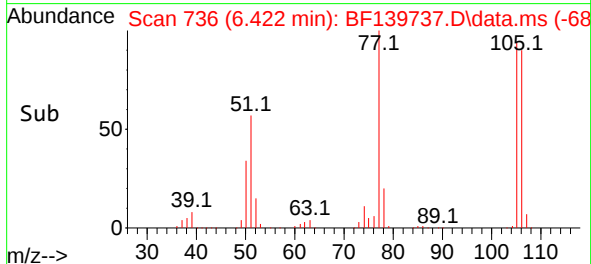
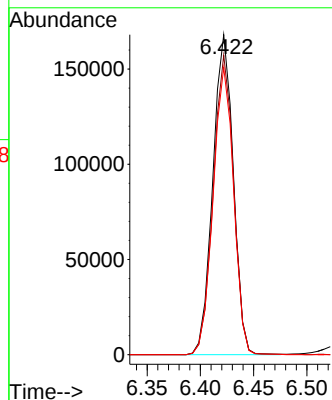
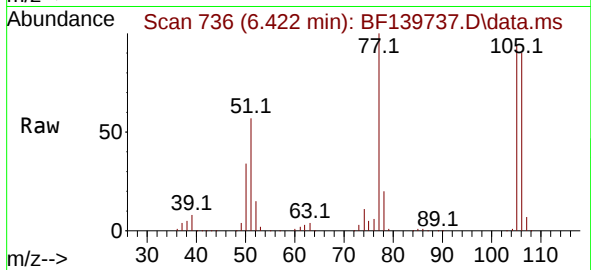
SSTDCCC040

Tgt Ion: 77 Resp: 223910
Ion Ratio Lower Upper
77 100
105 93.6 72.7 112.7
106 89.8 70.1 110.1

Manual Integrations

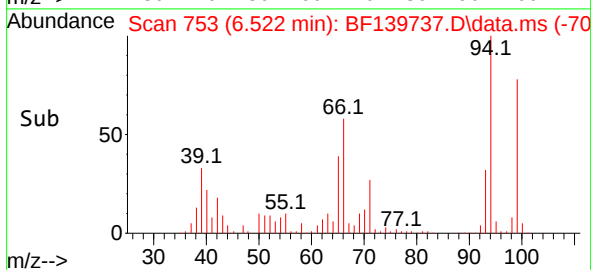
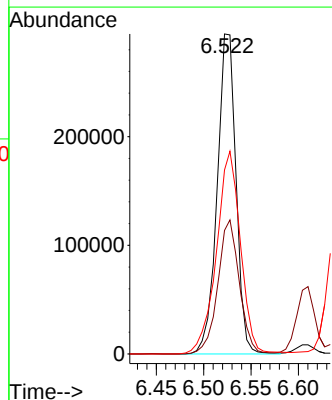
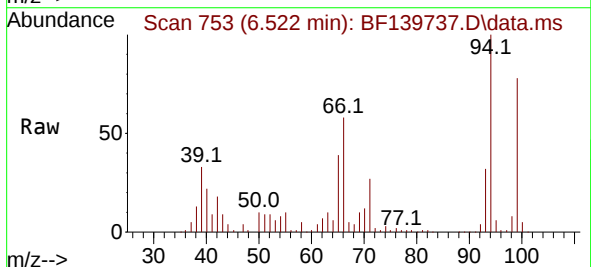
APPROVED

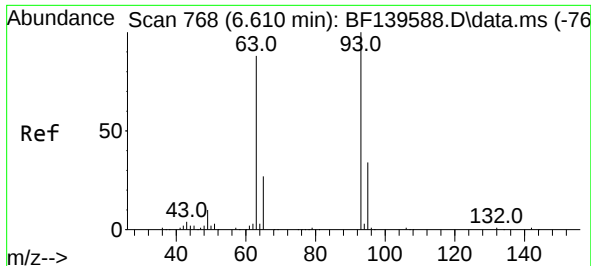
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#10
Phenol
Concen: 38.717 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion: 94 Resp: 409388
Ion Ratio Lower Upper
94 100
65 38.6 15.3 55.3
66 57.5 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 36.184 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

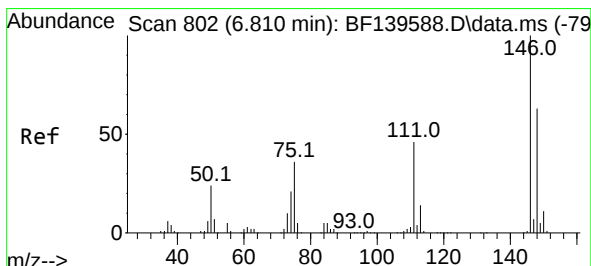
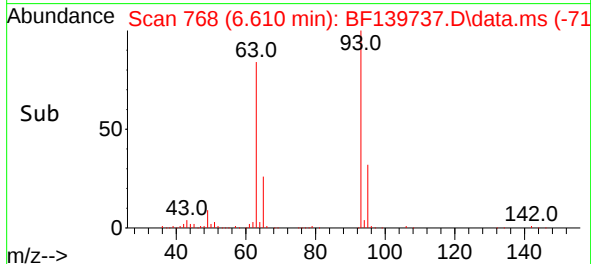
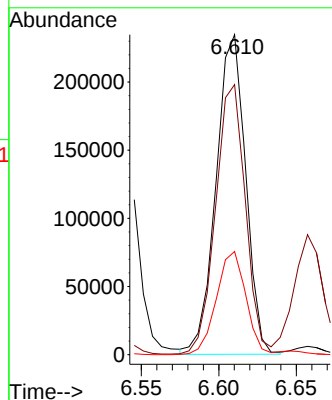
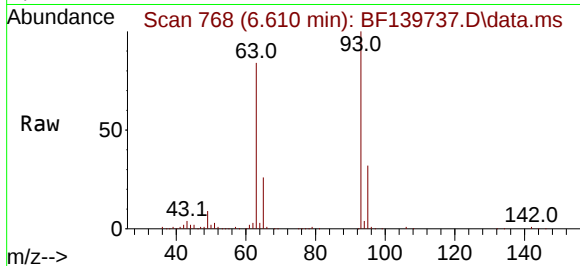
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 311524
Ion Ratio Lower Upper
93 100
63 84.4 64.1 104.1
95 32.2 12.3 52.3

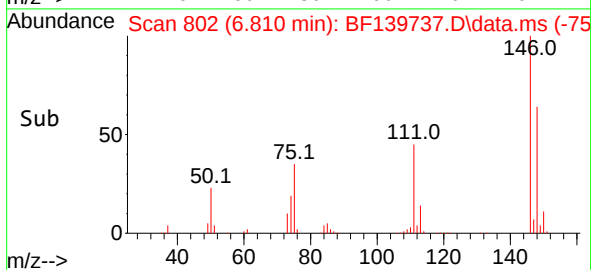
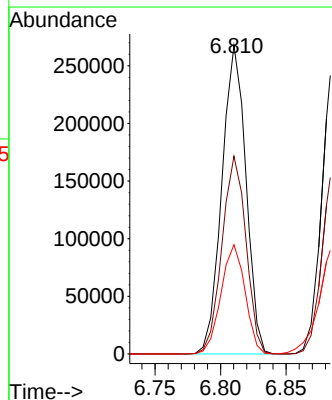
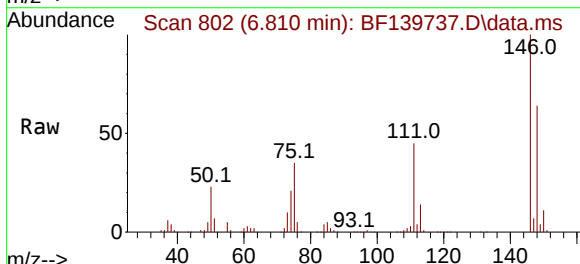
Manual Integrations
APPROVED

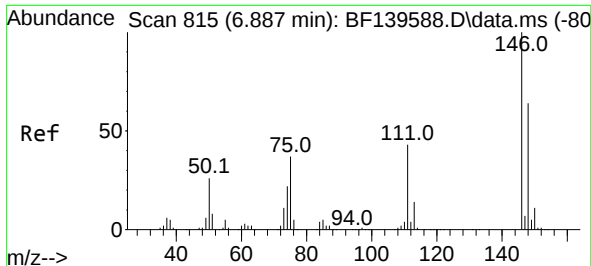
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#12
1,3-Dichlorobenzene
Concen: 37.869 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:146 Resp: 341298
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 35.4 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 38.050 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

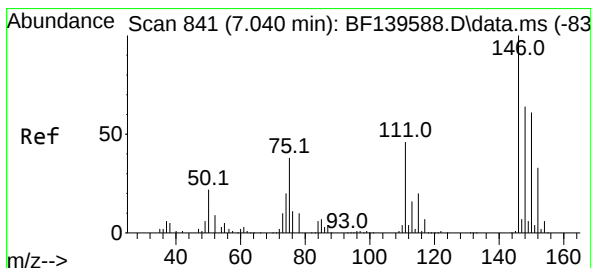
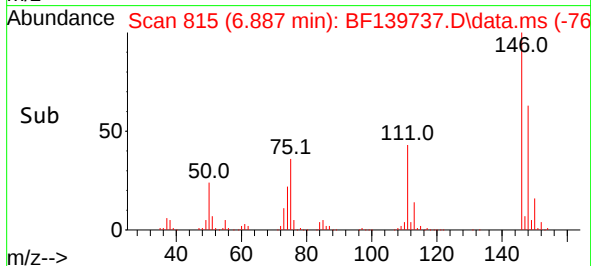
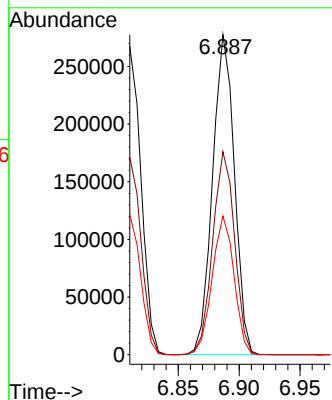
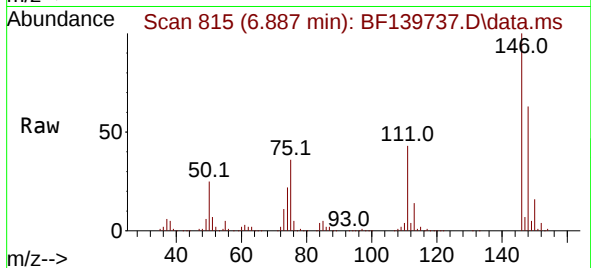
ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 347328
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.3 34.9 52.3

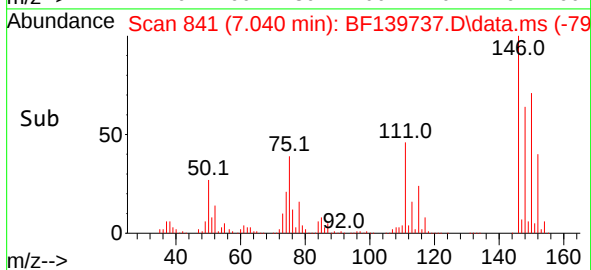
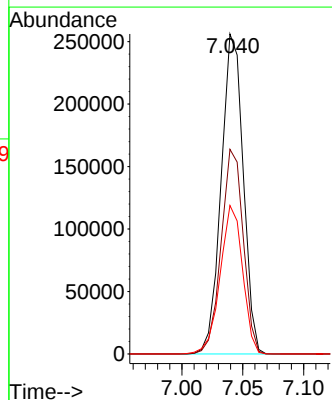
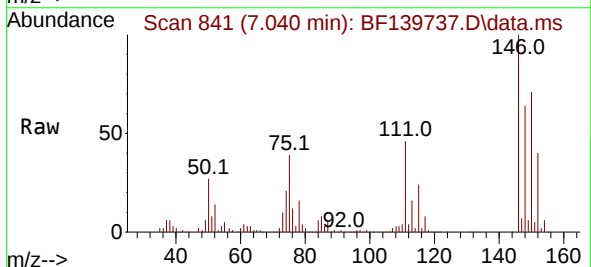
Manual Integrations
APPROVED

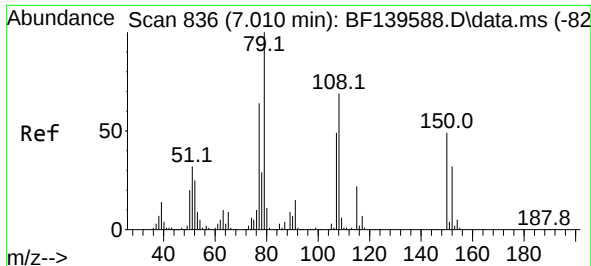
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#14
1,2-Dichlorobenzene
Concen: 37.678 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

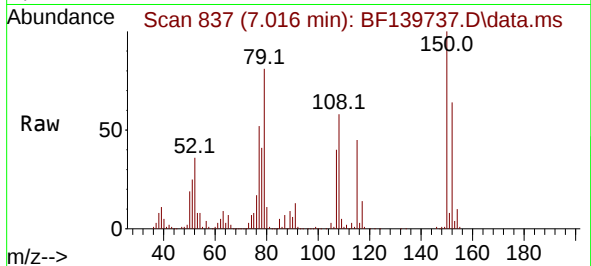
Tgt Ion:146 Resp: 322334
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 46.4 37.0 55.6





#15
Benzyl Alcohol
Concen: 37.980 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

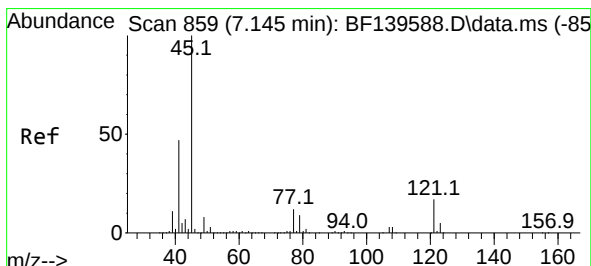
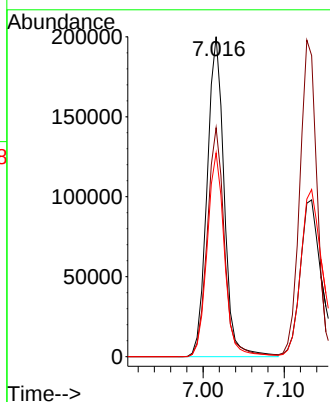
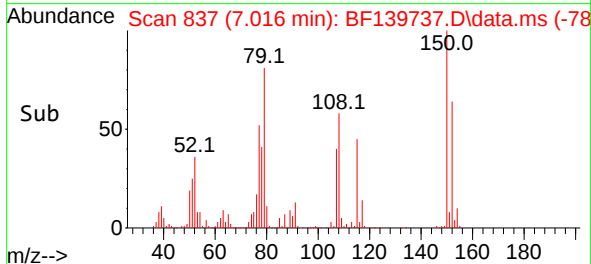
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



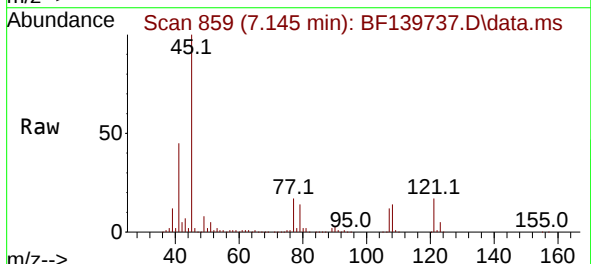
Tgt Ion: 79 Resp: 291814
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 63.7 50.8 76.2

Manual Integrations
APPROVED

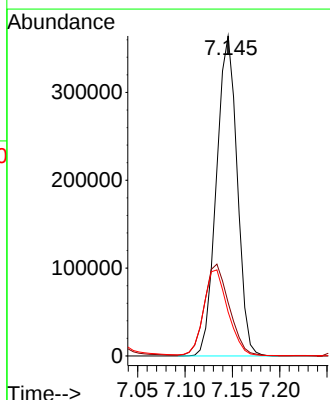
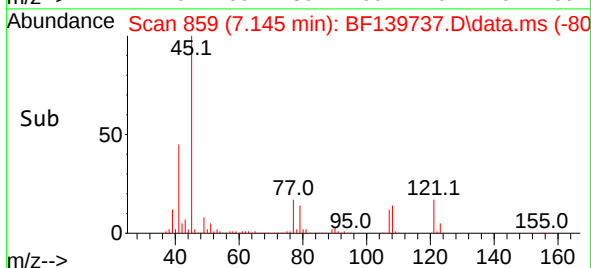
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

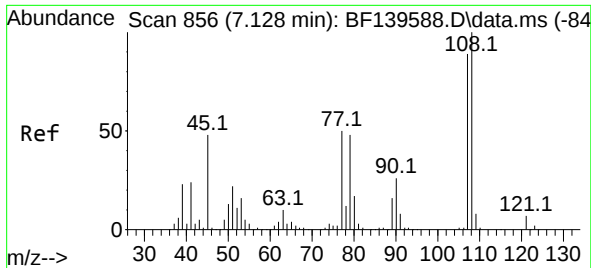


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.219 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion: 45 Resp: 554733
Ion Ratio Lower Upper
45 100
77 16.7 0.0 32.5
79 13.7 0.0 29.7





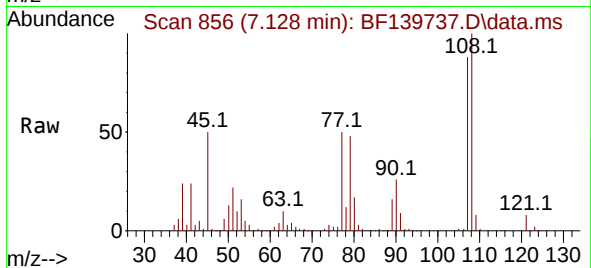
#17
2-Methylphenol
Concen: 38.338 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



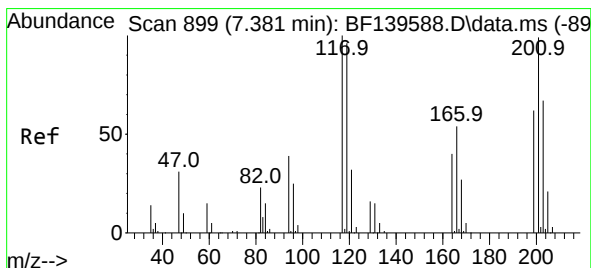
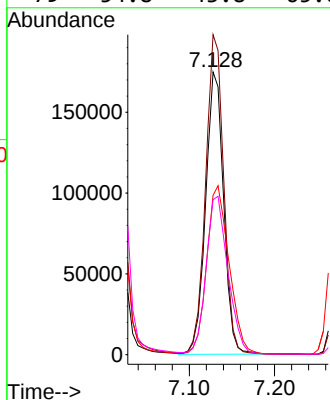
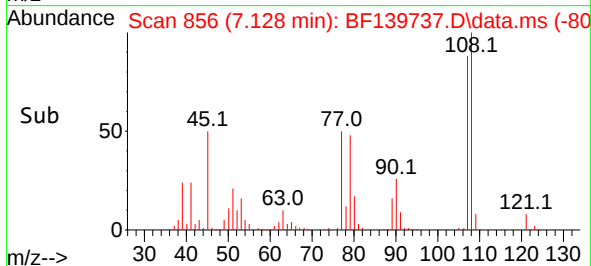
Tgt Ion:107 Resp: 25641
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 56.3 44.6 67.0
79 54.8 43.8 65.6

Manual Integrations

APPROVED

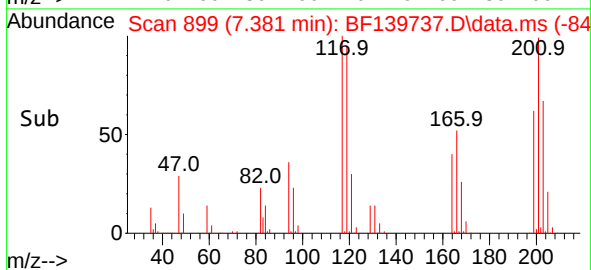
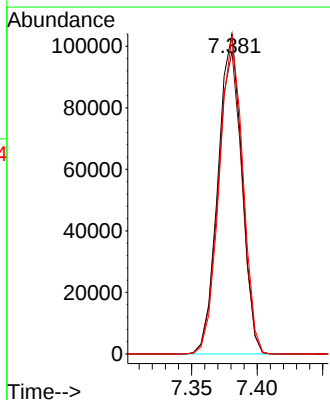
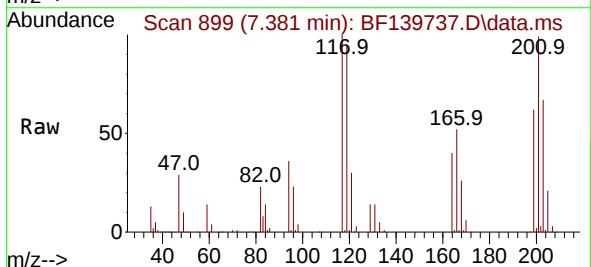
Reviewed By :Yogesh Patel 10/11/2024

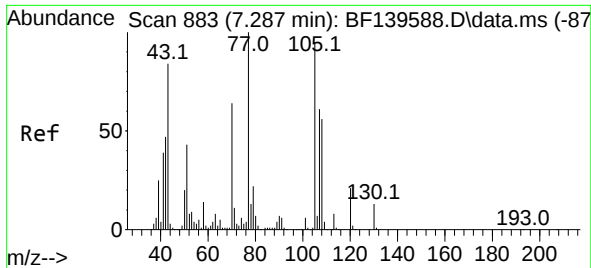
Supervised By :mohammad ahmed 10/11/2024



#18
Hexachloroethane
Concen: 38.572 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:117 Resp: 131328
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
201 99.2 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 38.024 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

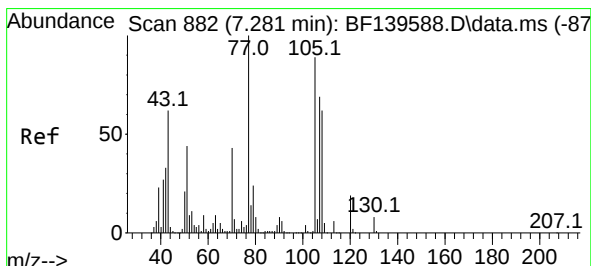
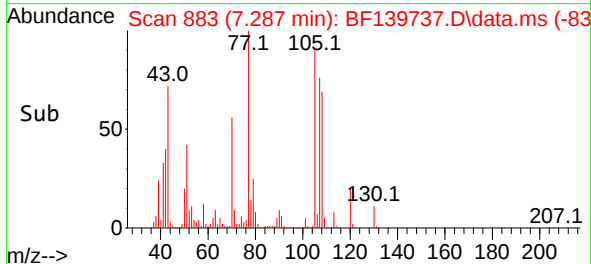
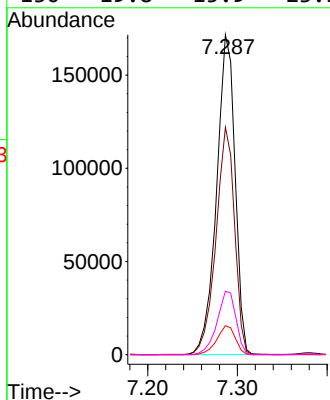
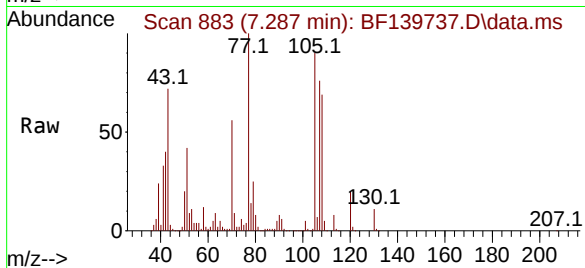
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 245828
Ion Ratio Lower Upper
70 100
42 71.0 58.0 87.0
101 9.1 7.8 11.8
130 19.8 15.9 23.9

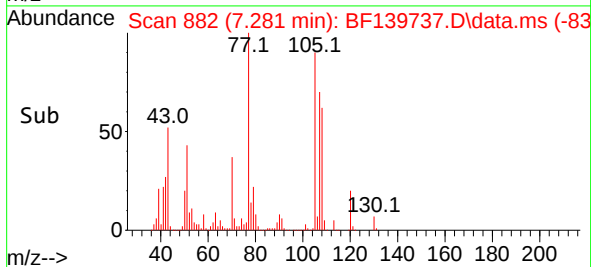
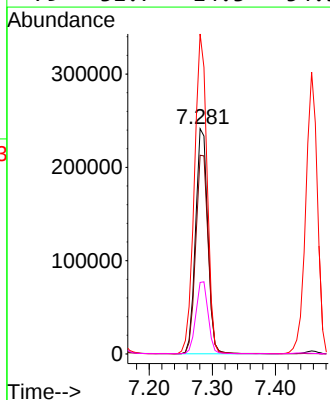
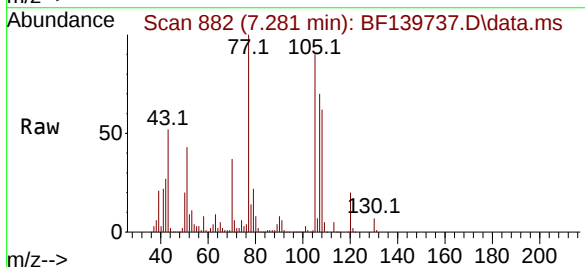
Manual Integrations
APPROVED

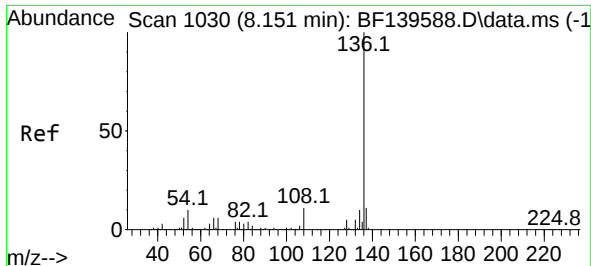
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#20
3+4-Methylphenols
Concen: 38.527 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:107 Resp: 323659
Ion Ratio Lower Upper
107 100
108 88.2 70.2 110.2
77 142.0 125.3 165.3
79 31.7 14.3 54.3





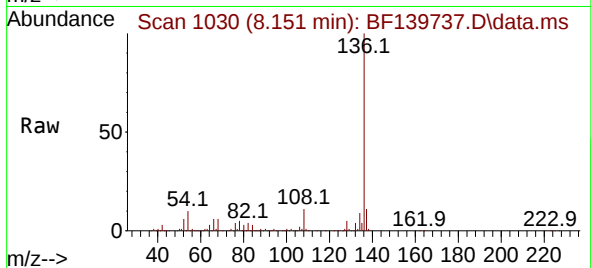
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



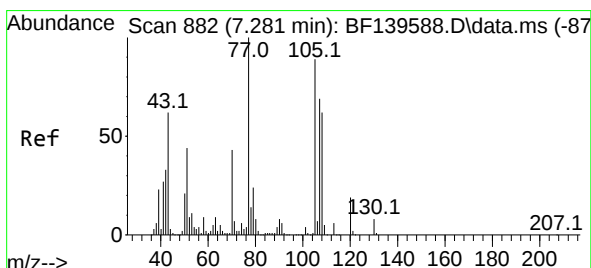
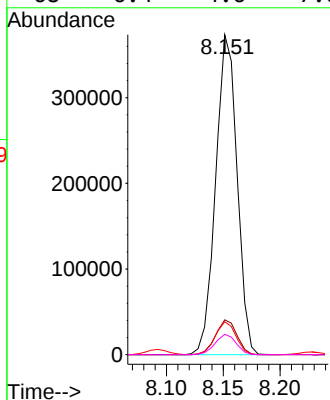
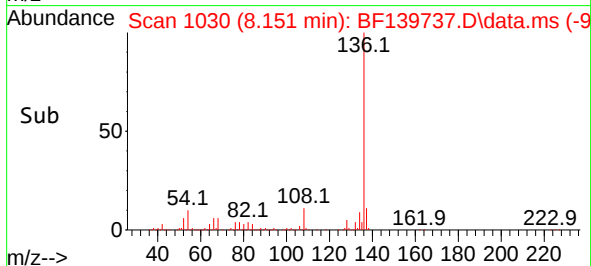
Tgt Ion:136 Resp: 49017
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.4 4.6 7.0

Manual Integrations

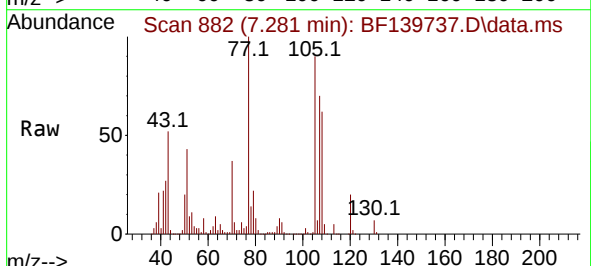
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

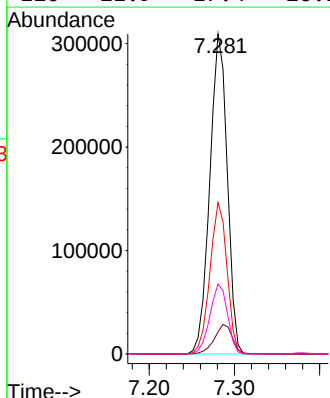
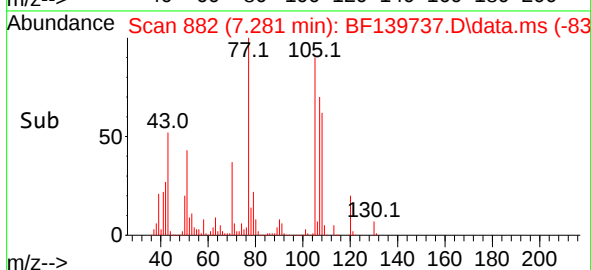
Supervised By :mohammad ahmed 10/11/2024

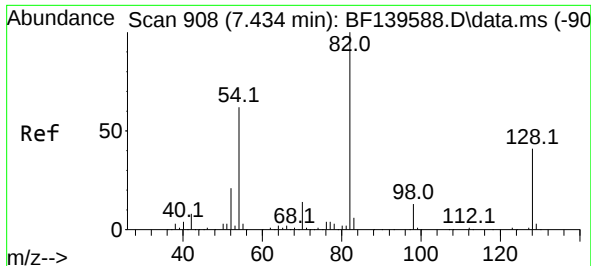


#22
Acetophenone
Concen: 37.812 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:105 Resp: 439951
Ion Ratio Lower Upper
105 100
71 6.9 6.6 10.0
51 47.3 39.4 59.0
120 21.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 75.485 ng

RT: 7.440 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 730798

Ion Ratio Lower Upper

82 100

128 43.2 32.4 48.6

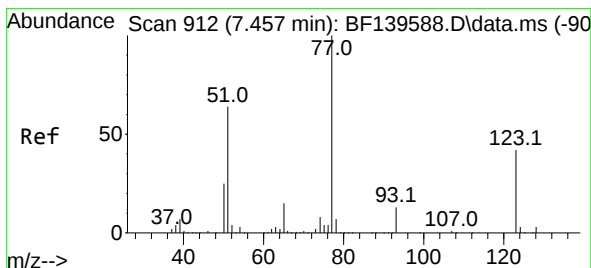
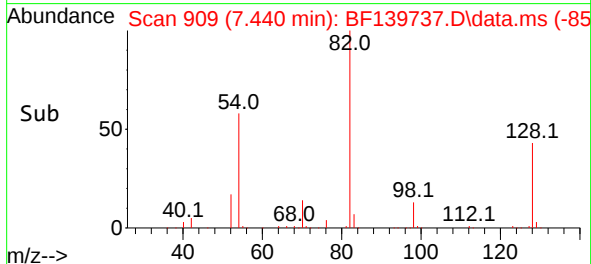
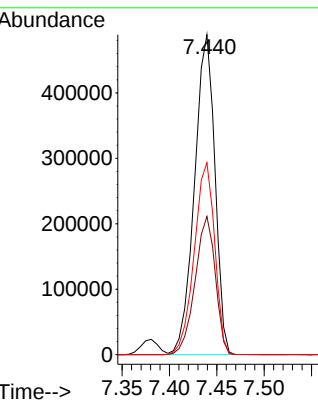
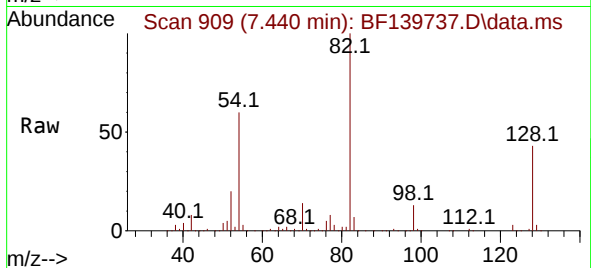
54 60.0 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#24

Nitrobenzene

Concen: 38.307 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

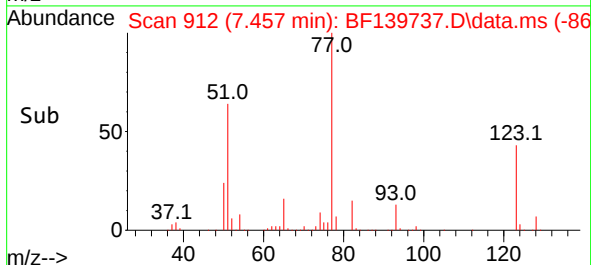
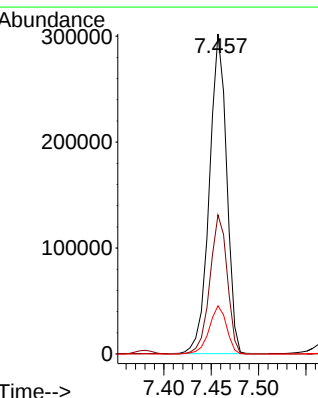
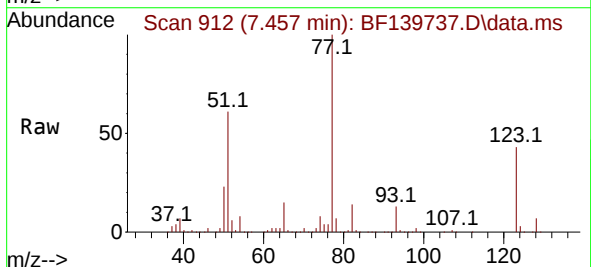
Tgt Ion: 77 Resp: 384025

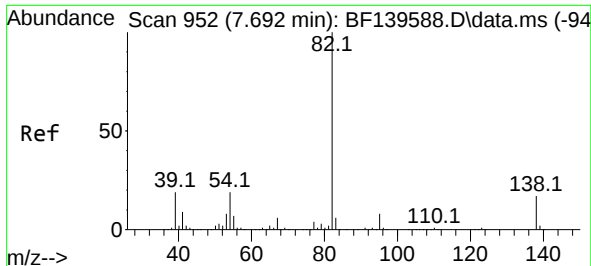
Ion Ratio Lower Upper

77 100

123 43.4 34.2 51.4

65 15.1 12.1 18.1





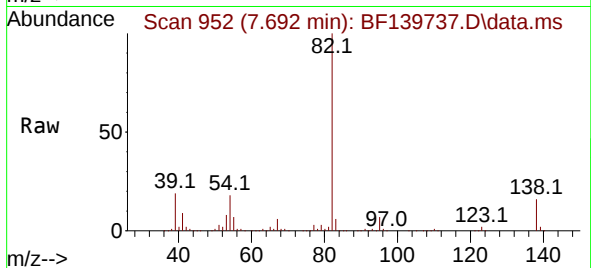
#25
Isophorone
Concen: 38.640 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

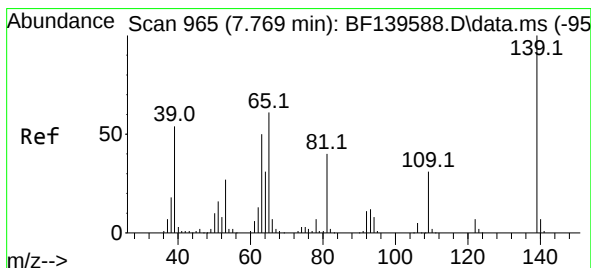
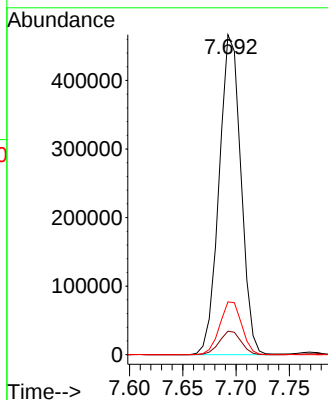
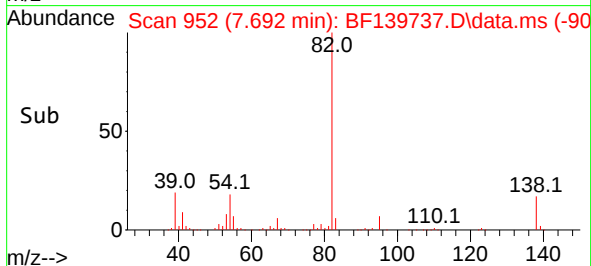


Tgt Ion: 82 Resp: 66442
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.5 13.4 20.2

Manual Integrations

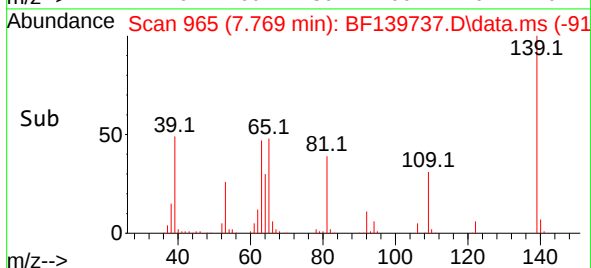
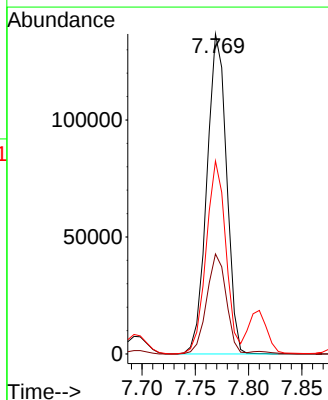
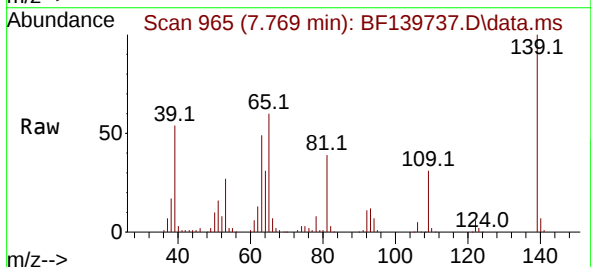
APPROVED

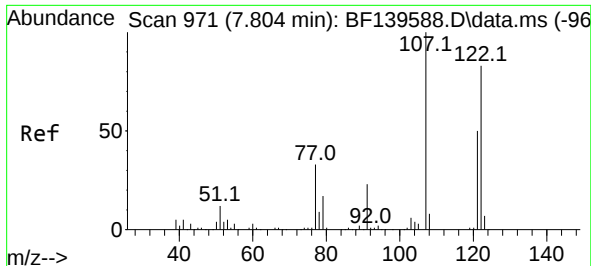
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#26
2-Nitrophenol
Concen: 40.772 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:139 Resp: 175716
Ion Ratio Lower Upper
139 100
109 31.3 24.9 37.3
65 60.3 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 38.866 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

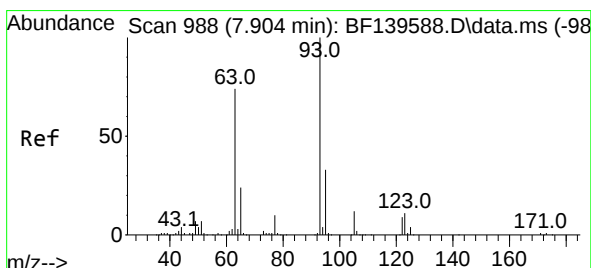
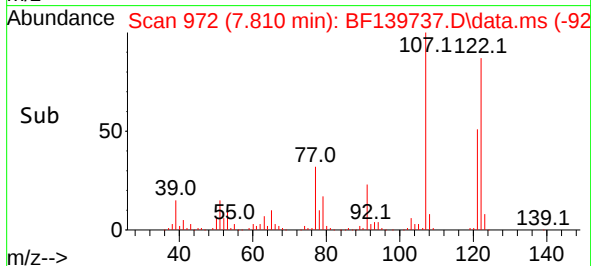
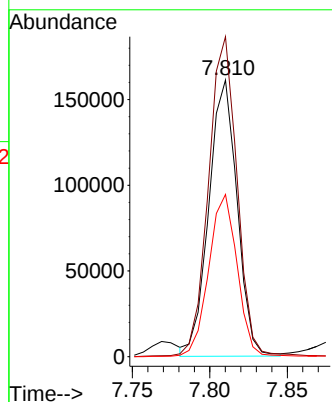
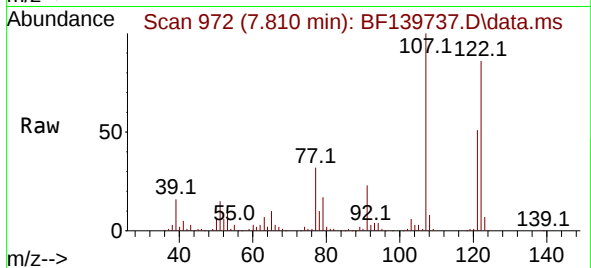
SSTDCCC040

Tgt Ion:122 Resp: 205050
Ion Ratio Lower Upper
122 100
107 115.7 95.4 143.0
121 58.7 47.4 71.2

Manual Integrations

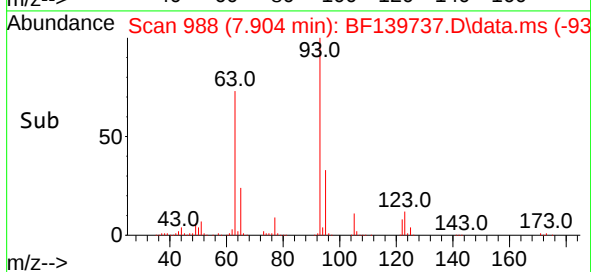
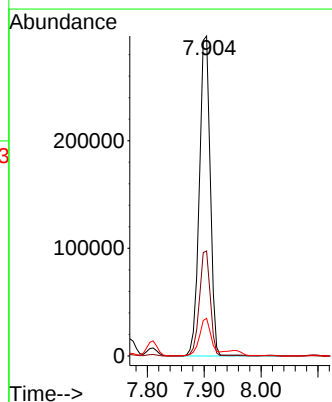
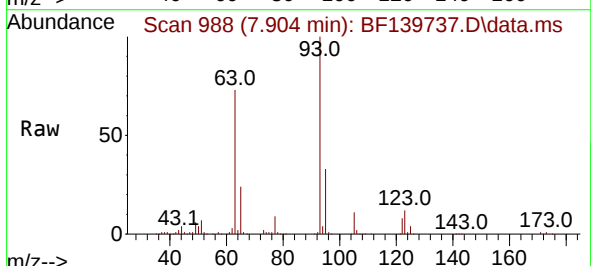
APPROVED

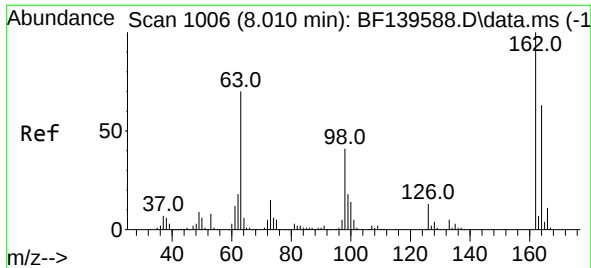
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.757 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion: 93 Resp: 397953
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.7 9.4 14.0





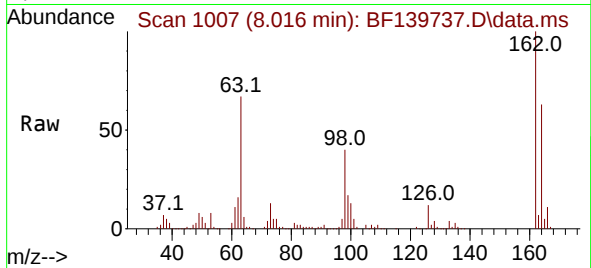
#29
2,4-Dichlorophenol
Concen: 39.524 ng
RT: 8.016 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



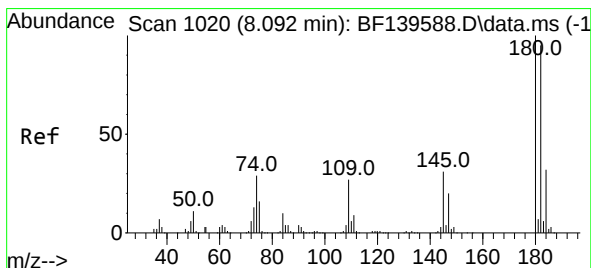
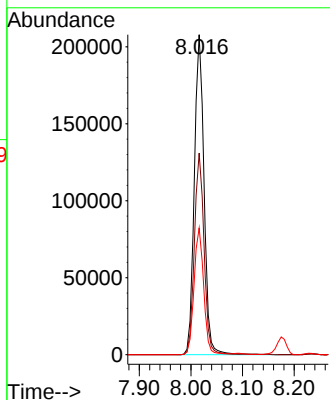
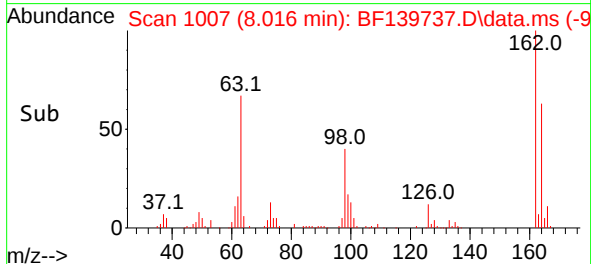
Tgt Ion:162 Resp: 27199
Ion Ratio Lower Upper
162 100
164 63.0 43.1 83.1
98 39.6 20.8 60.8

Manual Integrations

APPROVED

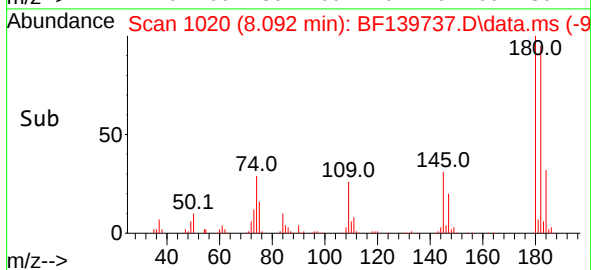
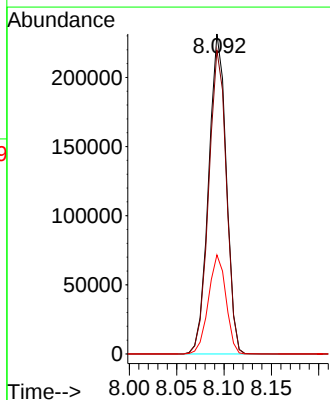
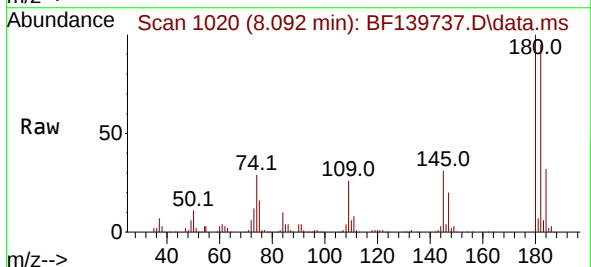
Reviewed By :Yogesh Patel 10/11/2024

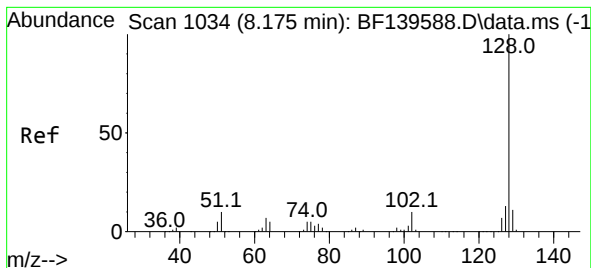
Supervised By :mohammad ahmed 10/11/2024



#30
1,2,4-Trichlorobenzene
Concen: 38.582 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:180 Resp: 300267
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 31.0 25.0 37.6





#31

Naphthalene

Concen: 38.500 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 96488

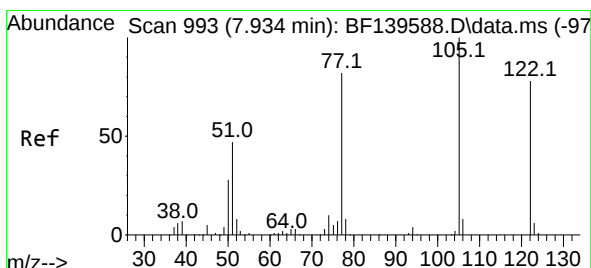
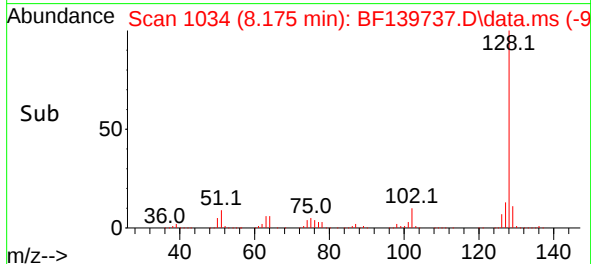
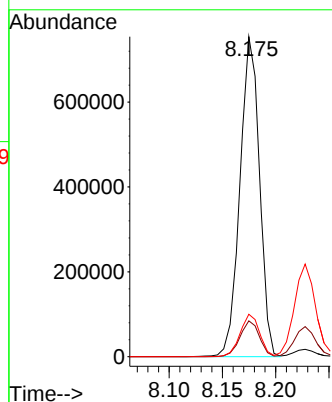
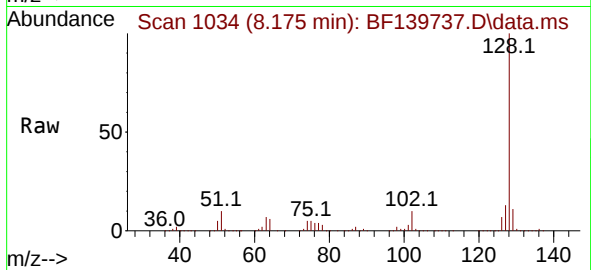
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#32

Benzoic acid

Concen: 43.603 ng

RT: 7.951 min Scan# 996

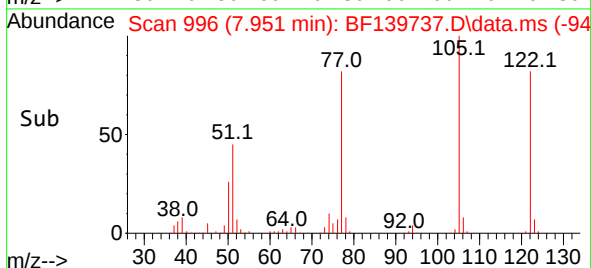
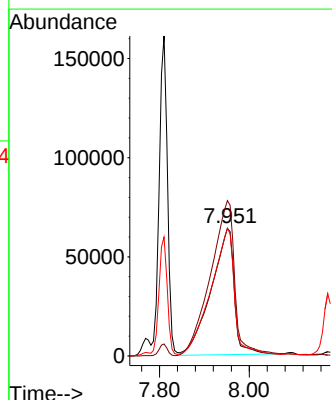
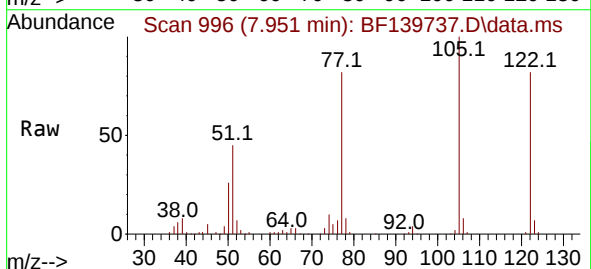
Delta R.T. 0.018 min

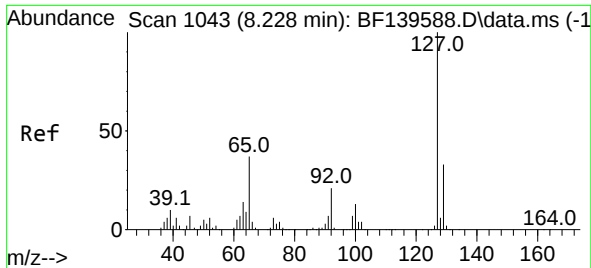
Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Tgt Ion:122 Resp: 228748

Ion	Ratio	Lower	Upper
122	100		
105	121.6	104.9	144.9
77	99.8	82.7	122.7





#33
4-Chloroaniline
Concen: 36.908 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

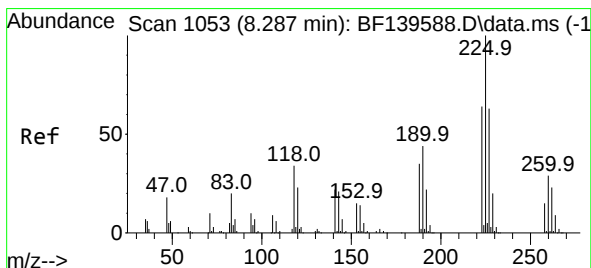
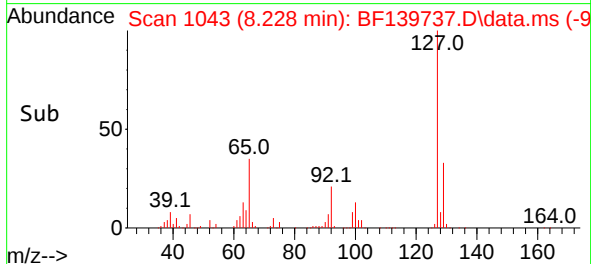
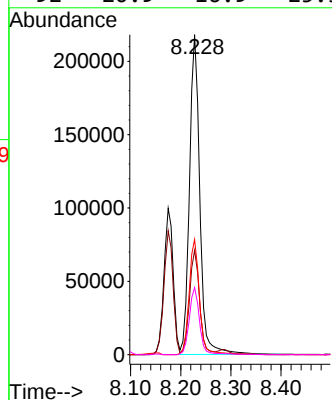
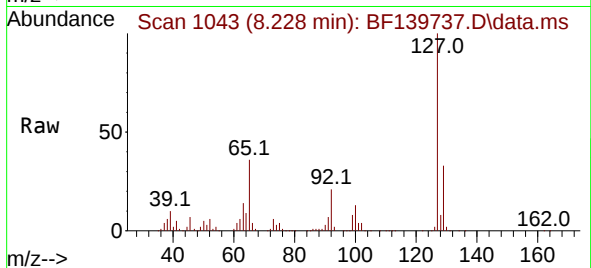
SSTDCCC040

Tgt Ion:127 Resp: 31310
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 36.0 29.3 43.9
92 20.9 16.9 25.3

Manual Integrations

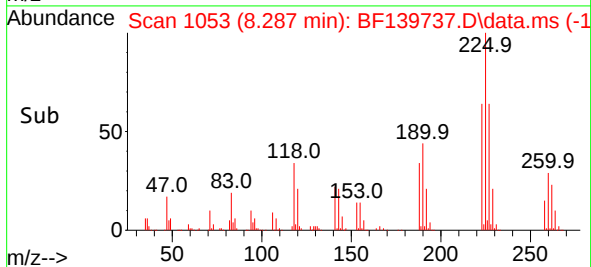
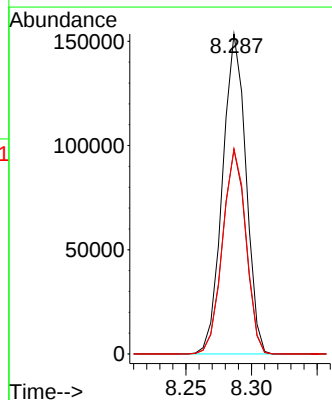
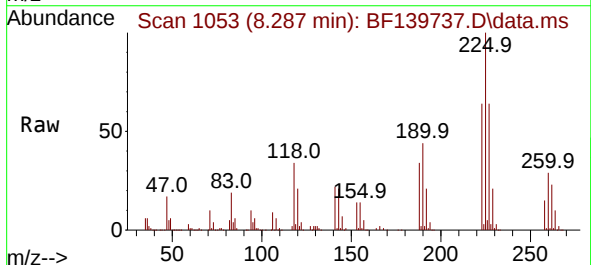
APPROVED

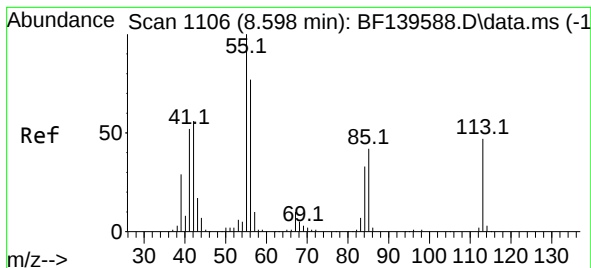
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#34
Hexachlorobutadiene
Concen: 37.746 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:225 Resp: 190105
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.1 50.7 76.1





#35

Caprolactam

Concen: 40.686 ng

RT: 8.610 min Scan# 1108

Delta R.T. 0.012 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

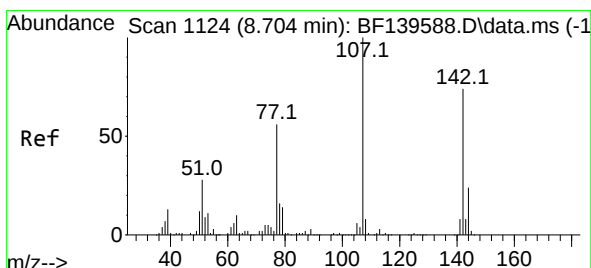
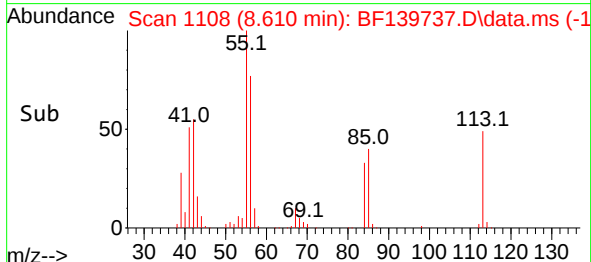
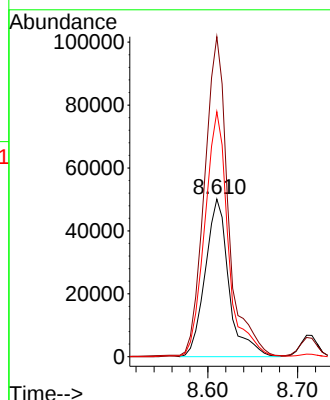
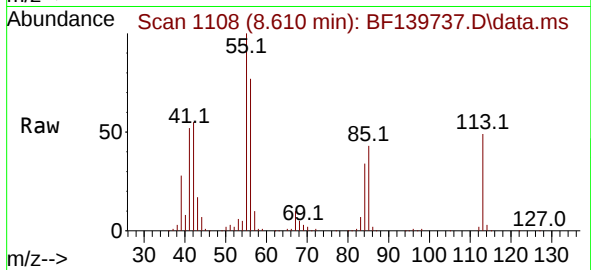
Tgt Ion:	113	Resp:	9183
Ion Ratio	Lower	Upper	
113	100		
55	203.0	193.4	233.4
56	155.5	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#36

4-Chloro-3-methylphenol

Concen: 38.787 ng

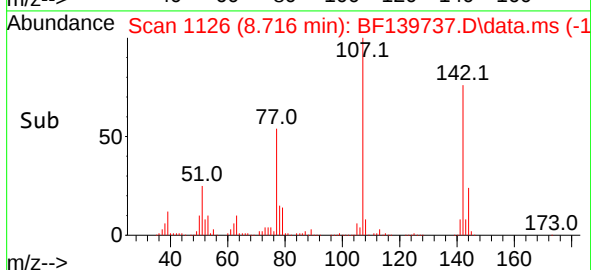
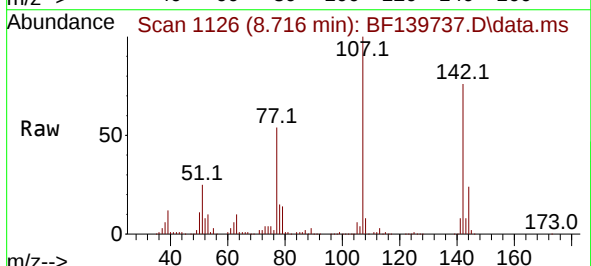
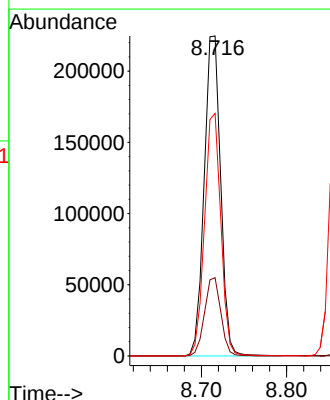
RT: 8.716 min Scan# 1126

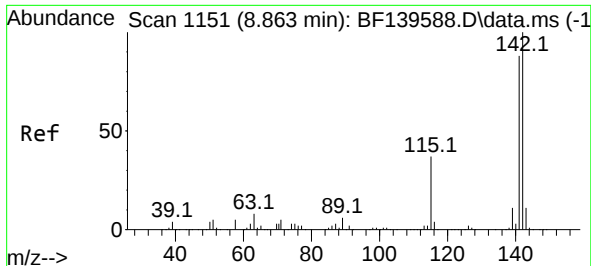
Delta R.T. 0.012 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Tgt Ion:	107	Resp:	302154
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.0	28.6
142	75.8	59.2	88.8





#37

2-Methylnaphthalene

Concen: 38.082 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 621602

Ion Ratio Lower Upper

142 100

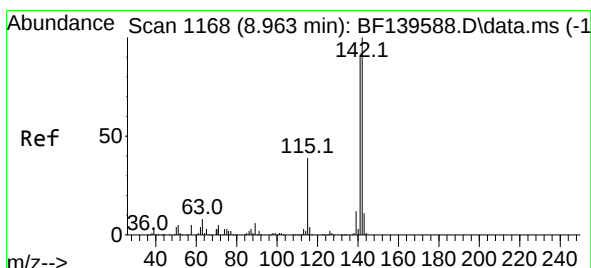
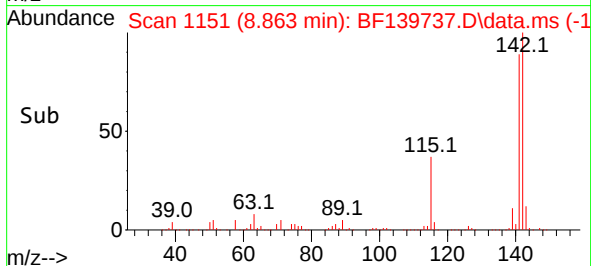
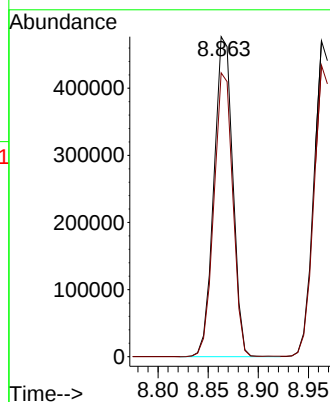
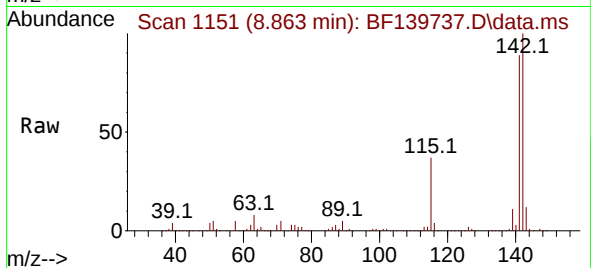
141 88.7 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#38

1-Methylnaphthalene

Concen: 38.066 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139737.D

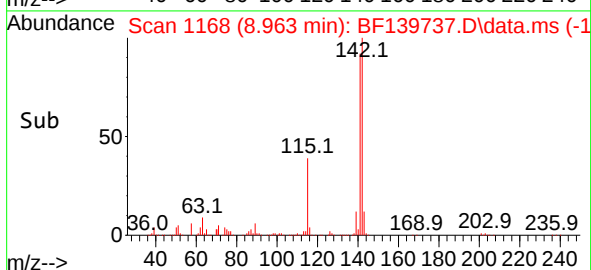
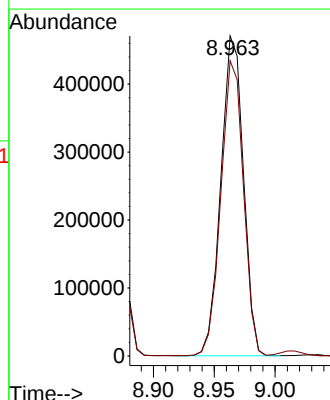
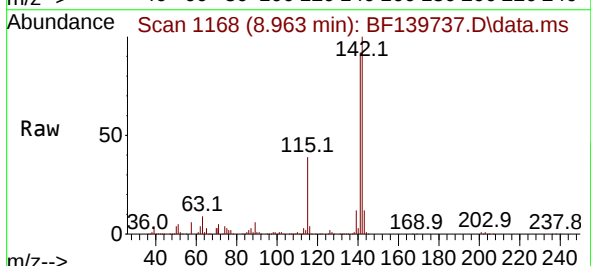
Acq: 10 Oct 2024 10:35

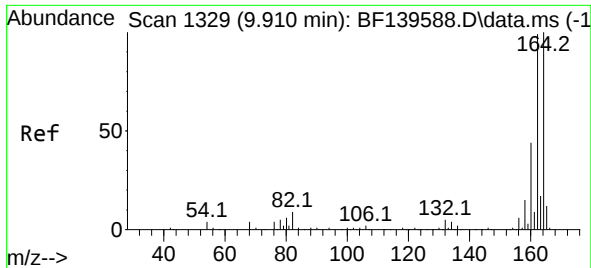
Tgt Ion:142 Resp: 607333

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4





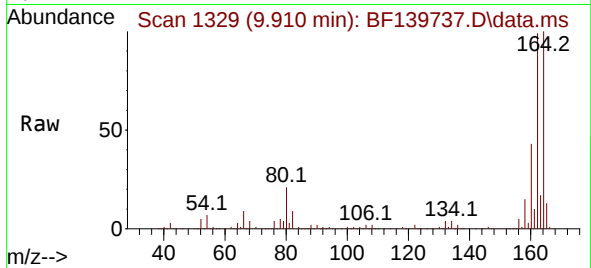
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



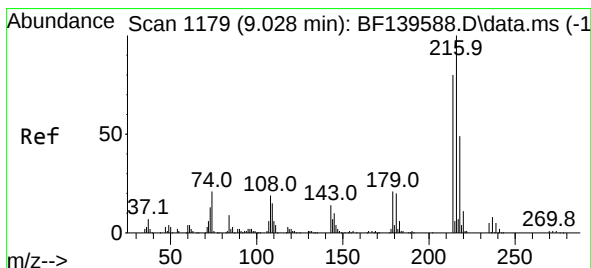
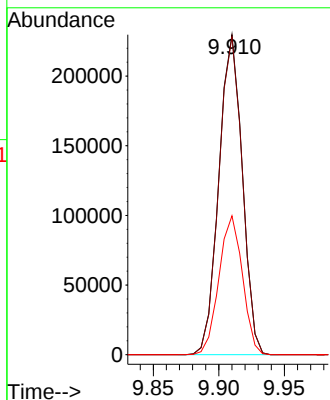
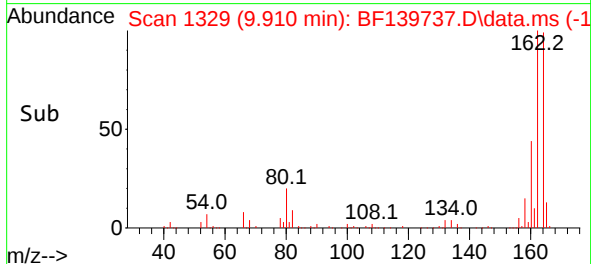
Tgt Ion:164 Resp: 28515
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 43.4 35.1 52.7

Manual Integrations

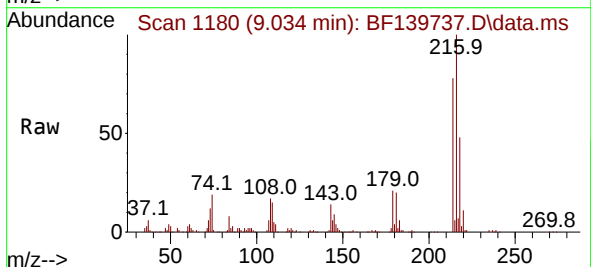
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

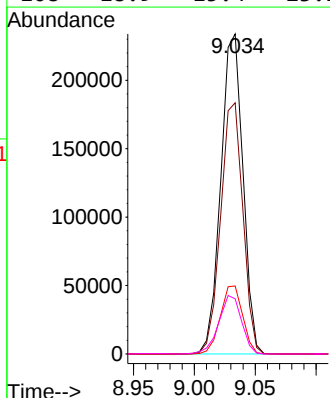
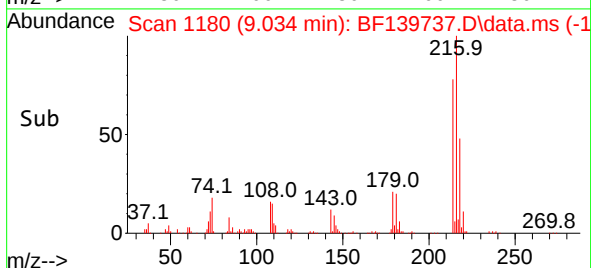
Supervised By :mohammad ahmed 10/11/2024

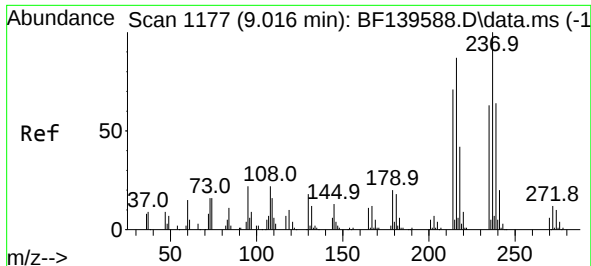


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.390 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:216 Resp: 296069
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.4 16.9 25.3
108 18.9 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 31.321 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

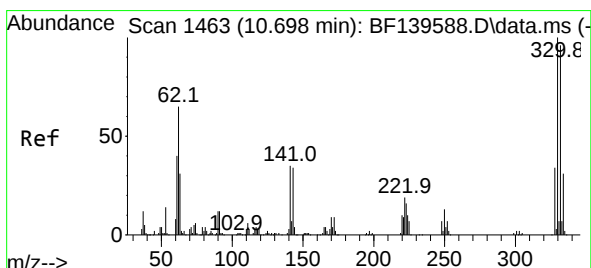
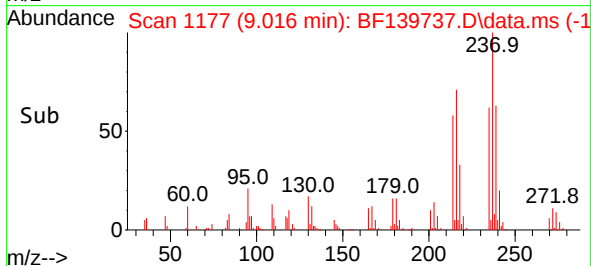
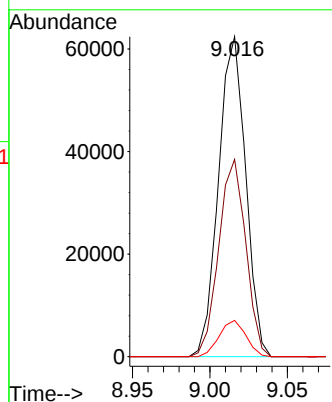
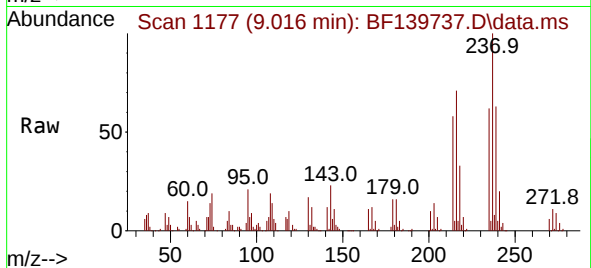
SSTDCCC040

Tgt Ion:237 Resp: 7604
Ion Ratio Lower Upper
237 100
235 61.7 42.5 82.5
272 11.4 0.0 32.1

Manual Integrations

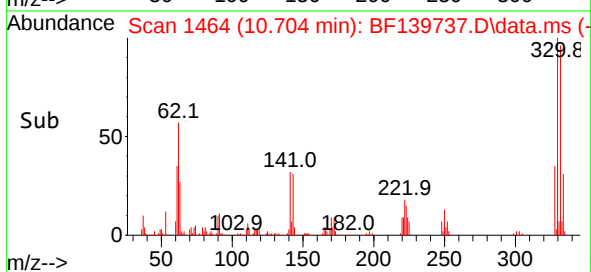
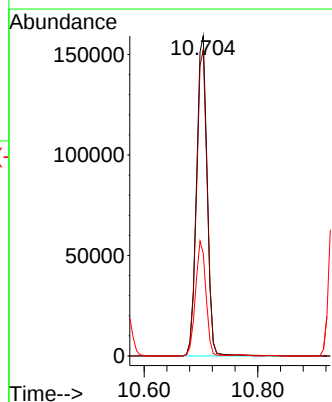
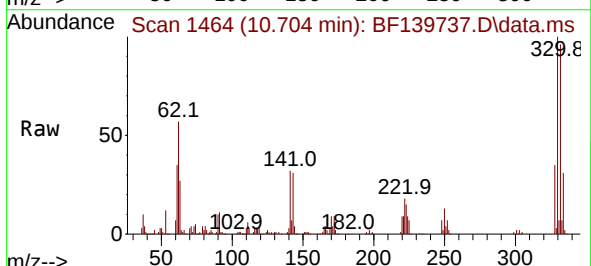
APPROVED

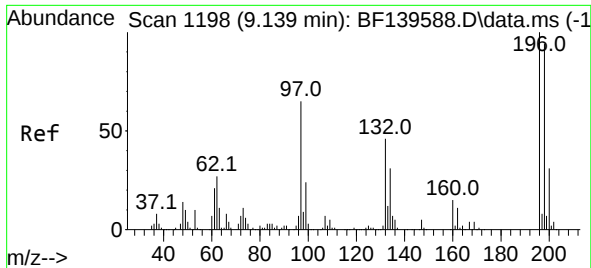
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#42
2,4,6-Tribromophenol
Concen: 75.685 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:330 Resp: 208341
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 35.2 29.3 43.9





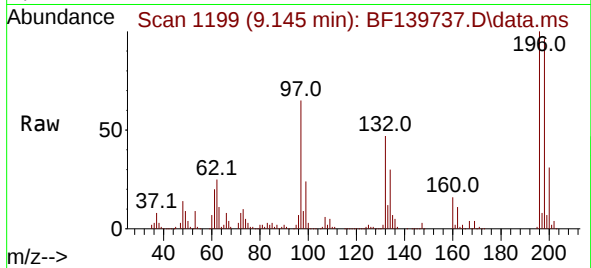
#43
2,4,6-Trichlorophenol
Concen: 37.055 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



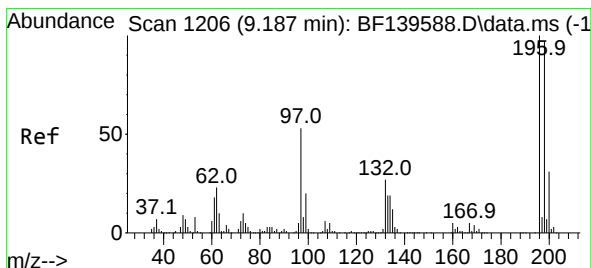
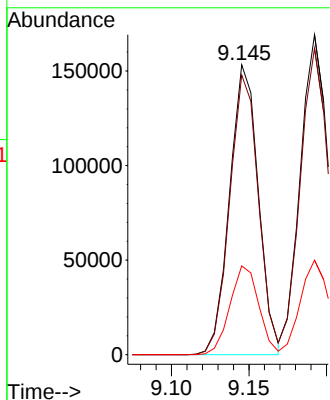
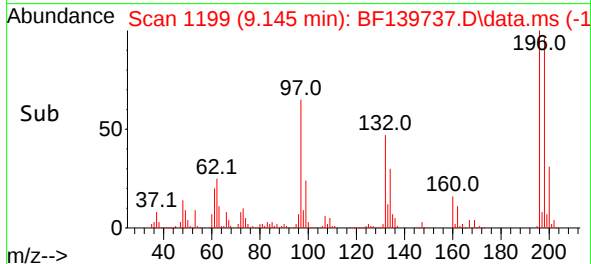
Tgt Ion:196 Resp: 19780
Ion Ratio Lower Upper
196 100
198 96.5 75.2 112.8
200 30.6 24.6 37.0

Manual Integrations

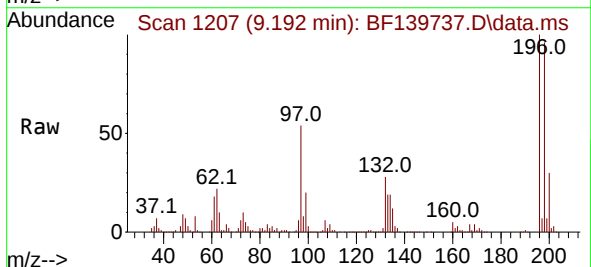
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

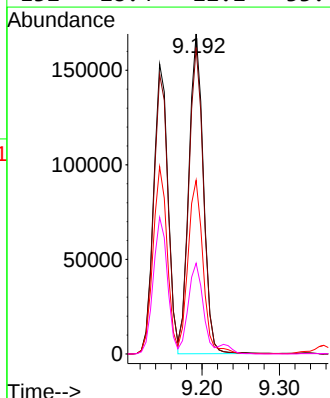
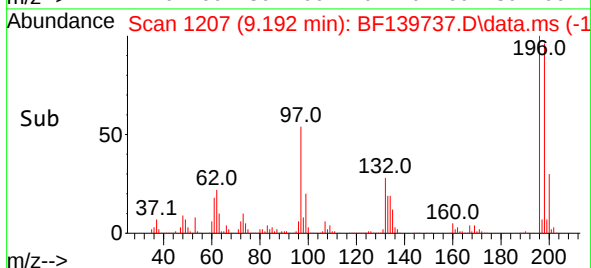
Supervised By :mohammad ahmed 10/11/2024

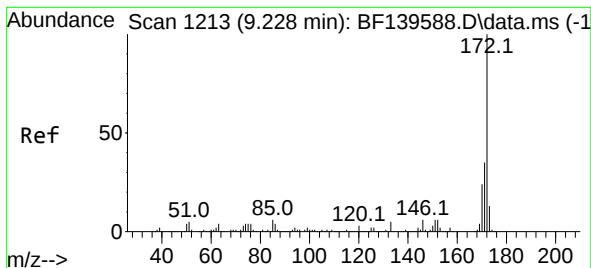


#44
2,4,5-Trichlorophenol
Concen: 38.214 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:196 Resp: 219985
Ion Ratio Lower Upper
196 100
198 95.8 77.5 116.3
97 54.3 43.1 64.7
132 28.4 22.2 33.4





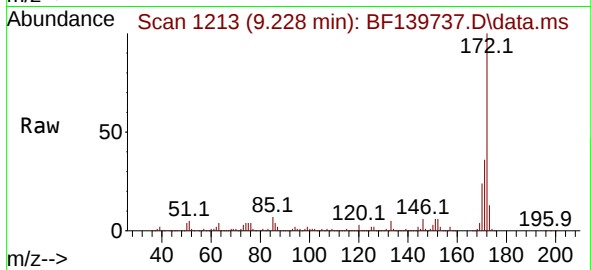
#45
2-Fluorobiphenyl
Concen: 73.397 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



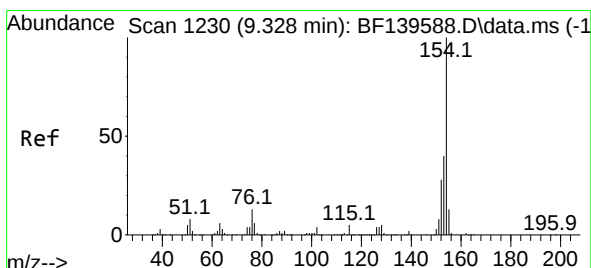
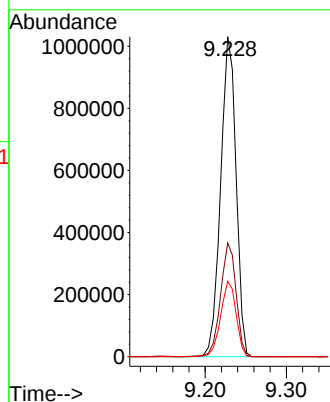
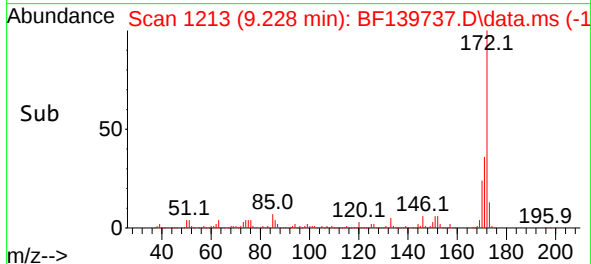
Tgt Ion:172 Resp: 136334
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 18.8 28.2

Manual Integrations

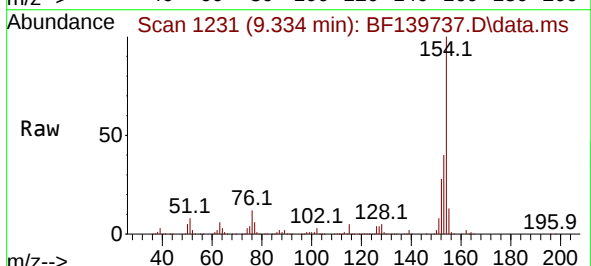
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

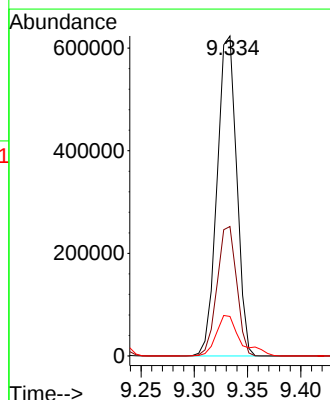
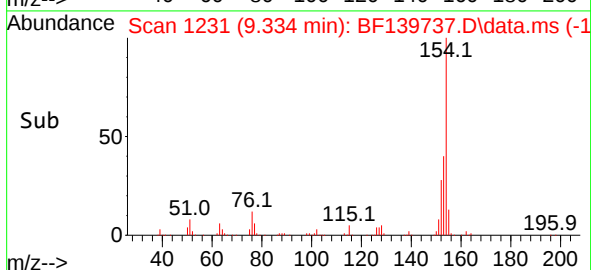
Supervised By :mohammad ahmed 10/11/2024

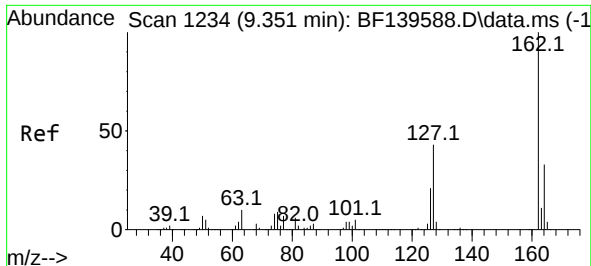


#46
1,1'-Biphenyl
Concen: 37.567 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:154 Resp: 796756
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.3 0.0 32.6





#47

2-Chloronaphthalene

Concen: 38.160 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

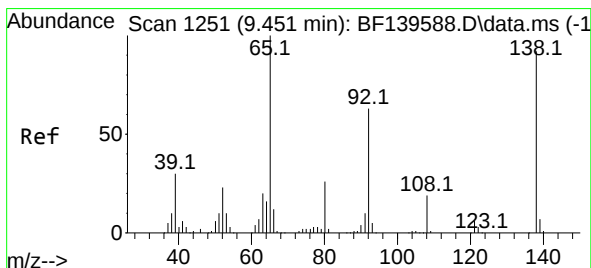
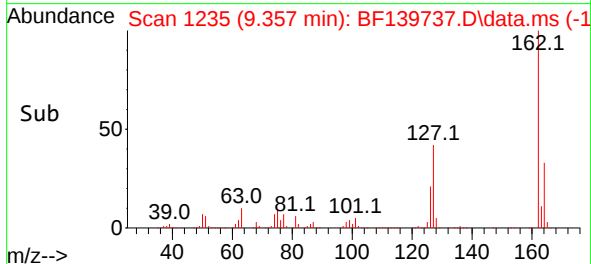
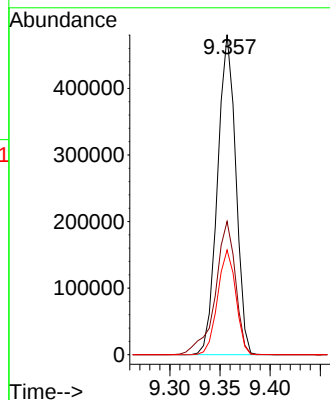
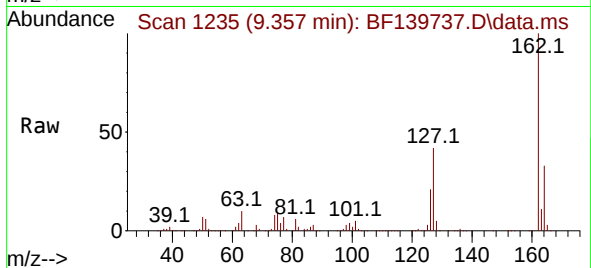
Tgt Ion:162 Resp: 60674
 Ion Ratio Lower Upper
 162 100
 127 41.7 35.0 52.4
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#48

2-Nitroaniline

Concen: 38.231 ng

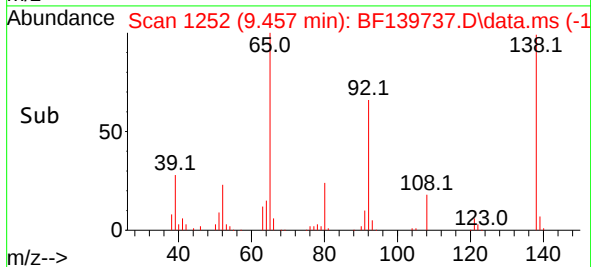
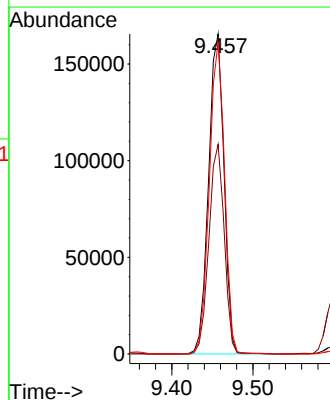
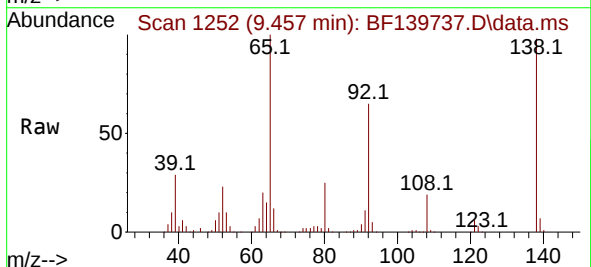
RT: 9.457 min Scan# 1252

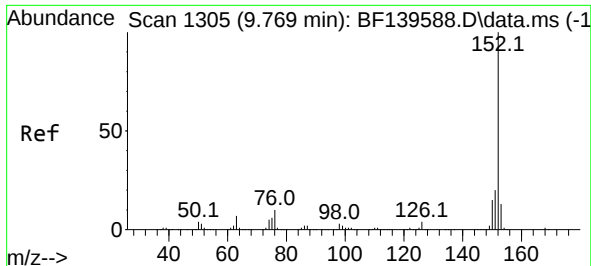
Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Tgt Ion: 65 Resp: 218206
 Ion Ratio Lower Upper
 65 100
 92 65.5 50.0 75.0
 138 97.6 73.8 110.8





#49
Acenaphthylene
Concen: 37.671 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

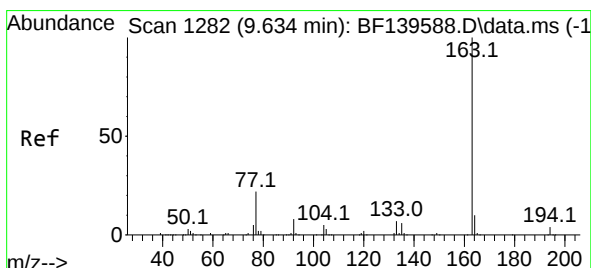
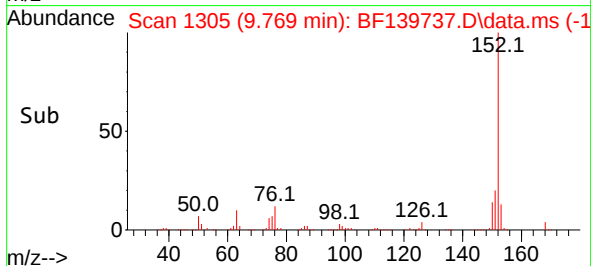
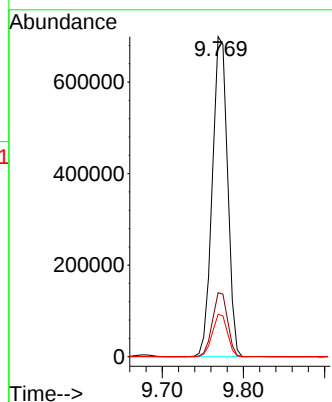
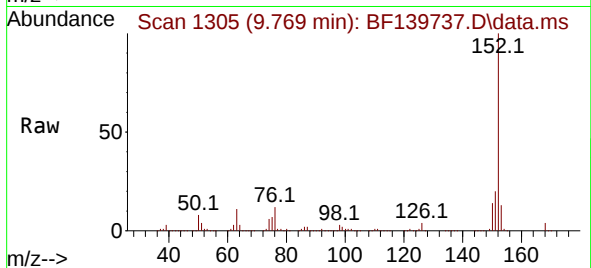
SSTDCCC040

Tgt Ion:152 Resp: 91089
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations

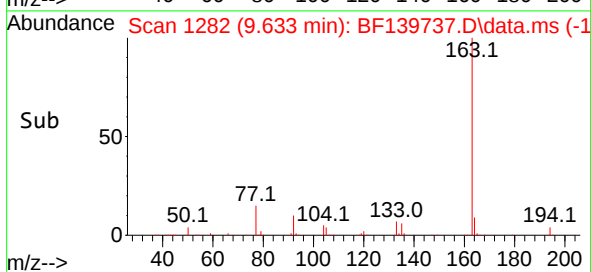
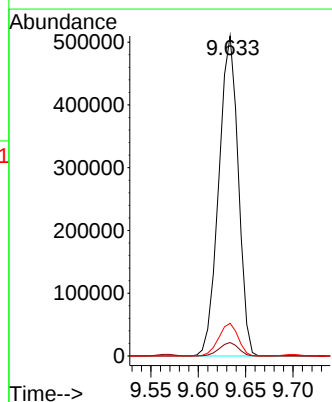
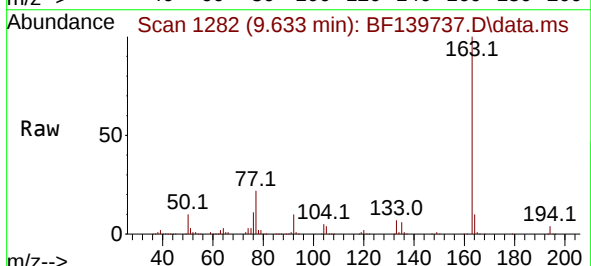
APPROVED

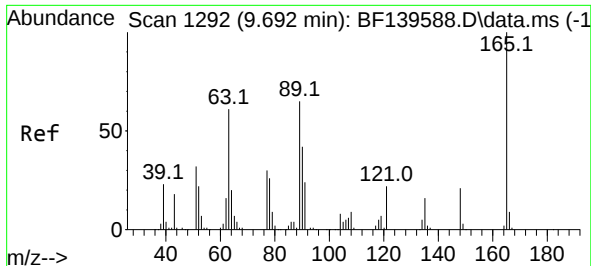
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#50
Dimethylphthalate
Concen: 39.095 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:163 Resp: 729770
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1





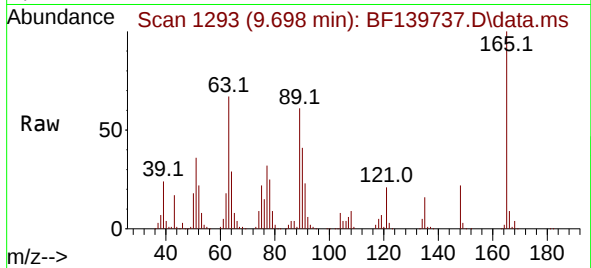
#51
2,6-Dinitrotoluene
Concen: 39.149 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



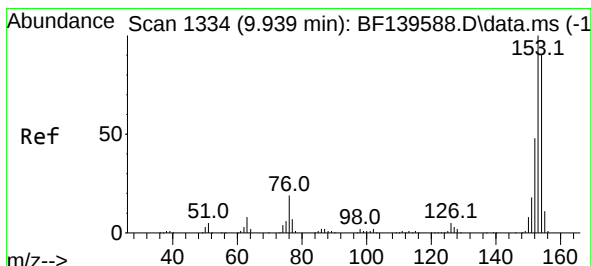
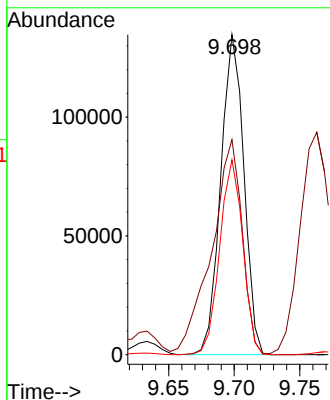
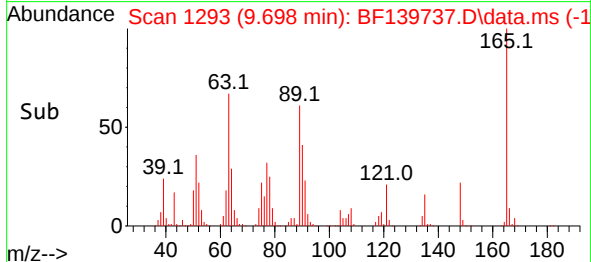
Tgt Ion:165 Resp: 165082
Ion Ratio Lower Upper
165 100
63 67.2 56.7 85.1
89 60.9 51.6 77.4

Manual Integrations

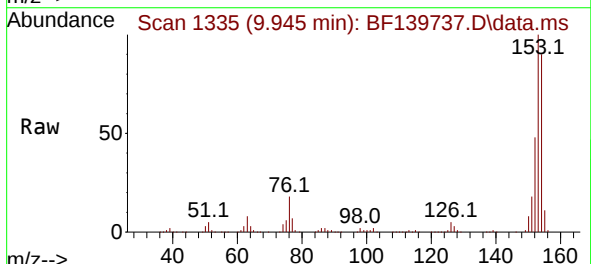
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

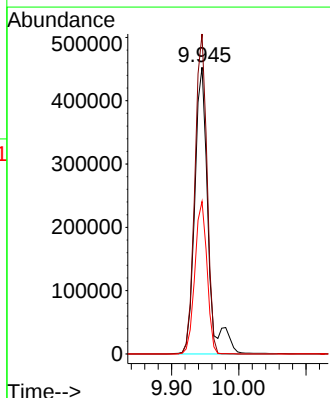
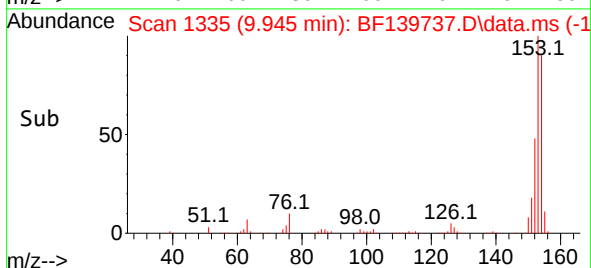
Supervised By :mohammad ahmed 10/11/2024

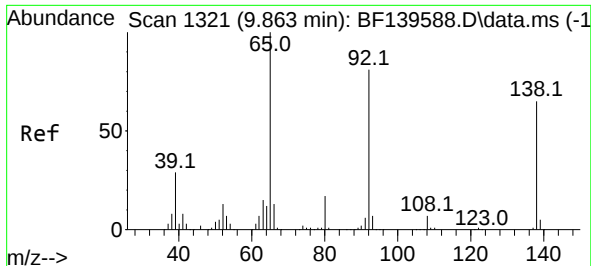


#52
Acenaphthene
Concen: 37.709 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:154 Resp: 625952
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.2 42.5 63.7





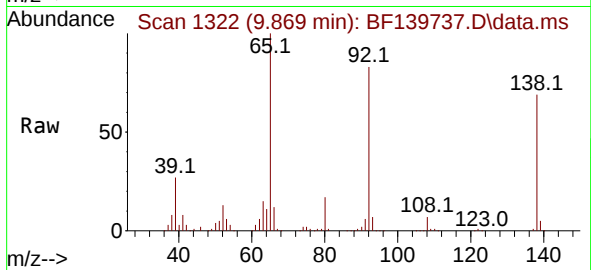
#53
3-Nitroaniline
Concen: 38.137 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



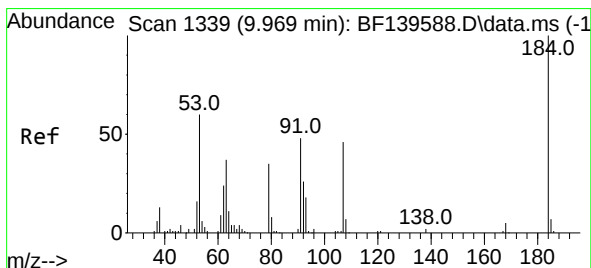
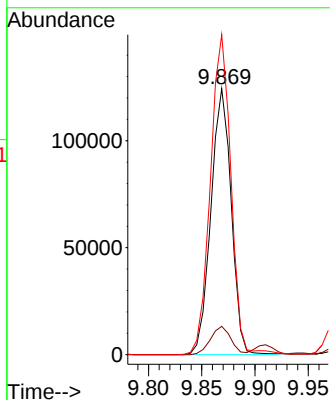
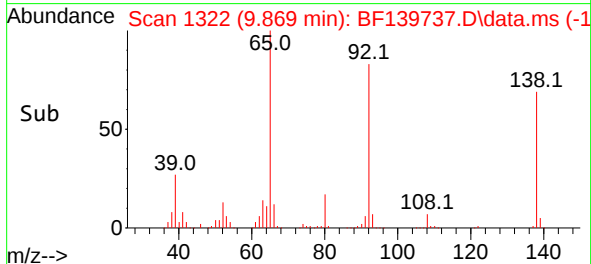
Tgt Ion:138 Resp: 164338
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 120.3 100.0 150.0

Manual Integrations

APPROVED

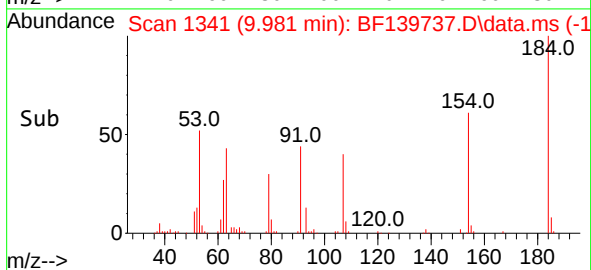
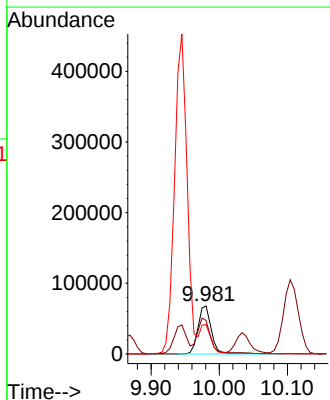
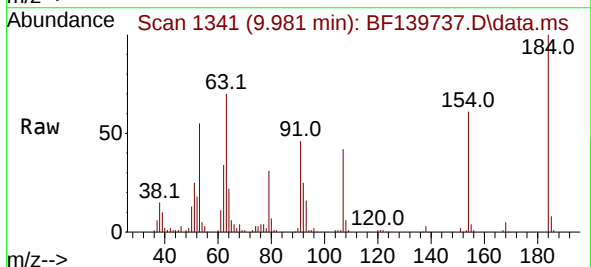
Reviewed By :Yogesh Patel 10/11/2024

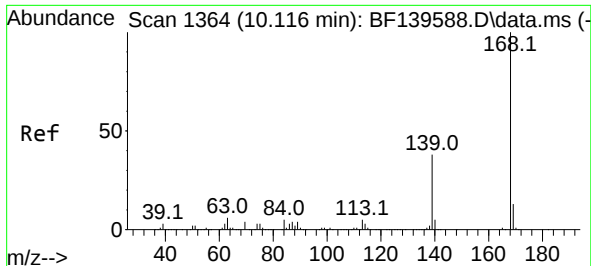
Supervised By :mohammad ahmed 10/11/2024



#54
2,4-Dinitrophenol
Concen: 41.659 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:184 Resp: 94484
Ion Ratio Lower Upper
184 100
63 70.1 61.7 92.5
154 61.4 53.0 79.4





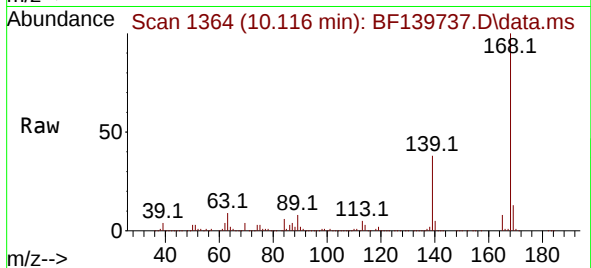
#55
Dibenzofuran
Concen: 37.565 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



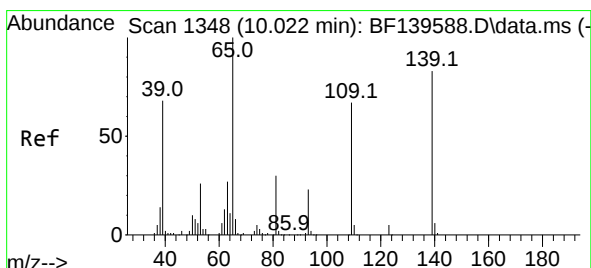
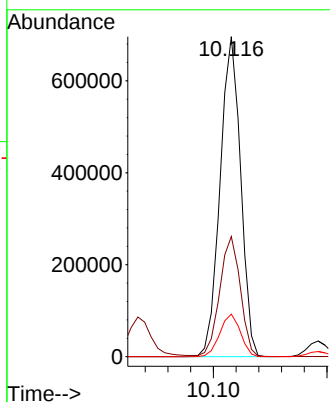
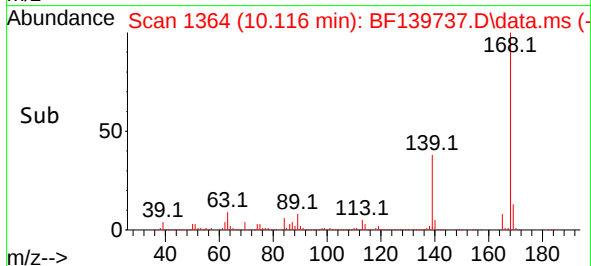
Tgt Ion:168 Resp: 873085
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.3 10.7 16.1

Manual Integrations

APPROVED

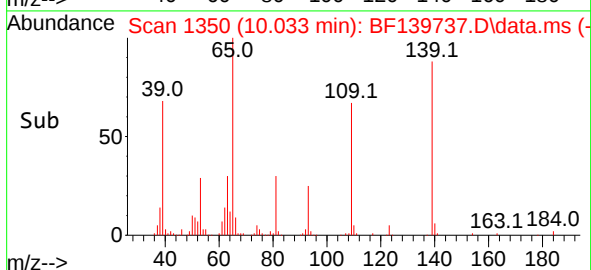
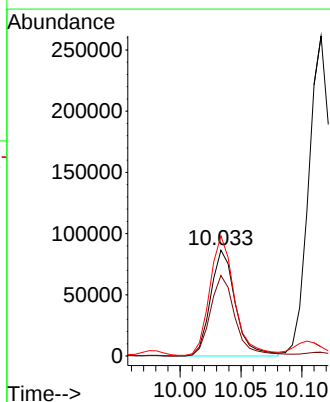
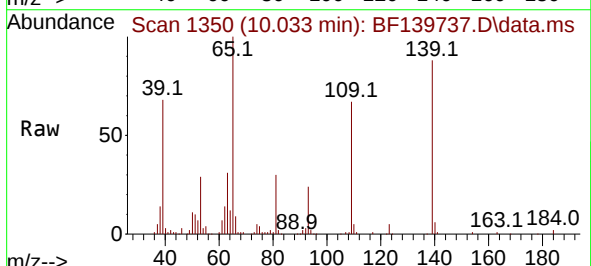
Reviewed By :Yogesh Patel 10/11/2024

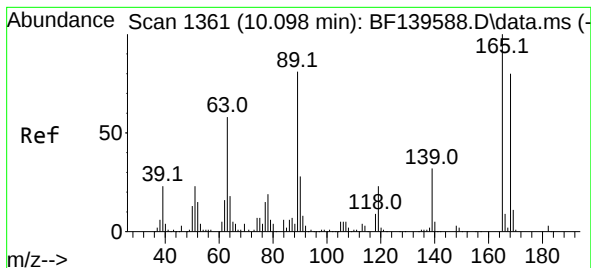
Supervised By :mohammad ahmed 10/11/2024



#56
4-Nitrophenol
Concen: 37.255 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:139 Resp: 122422
Ion Ratio Lower Upper
139 100
109 76.1 60.3 100.3
65 113.5 100.8 140.8





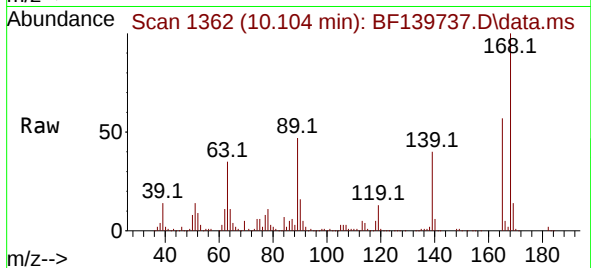
#57
2,4-Dinitrotoluene
Concen: 38.600 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



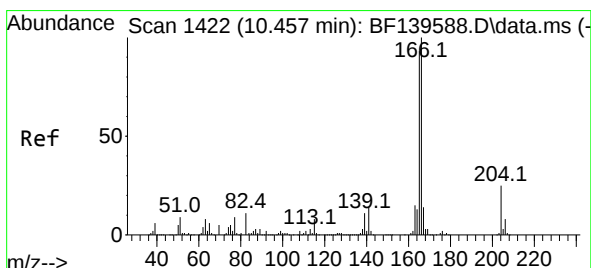
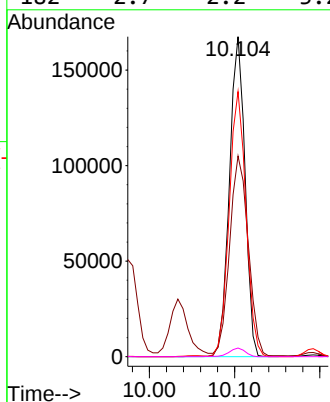
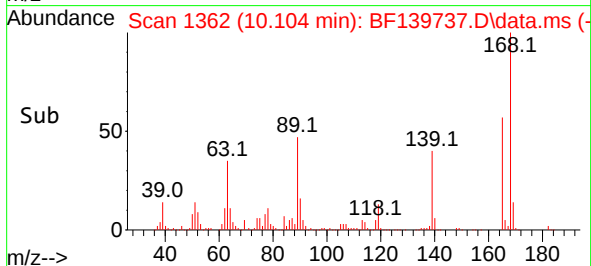
Tgt Ion:165 Resp: 212754
Ion Ratio Lower Upper
165 100
63 62.7 46.9 70.3
89 82.8 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

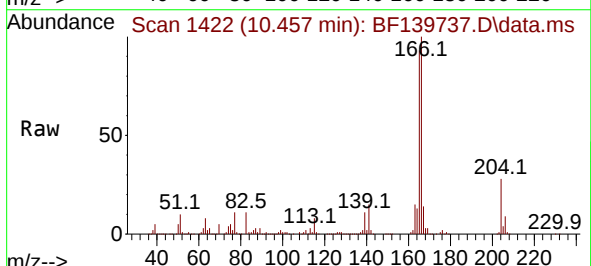
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

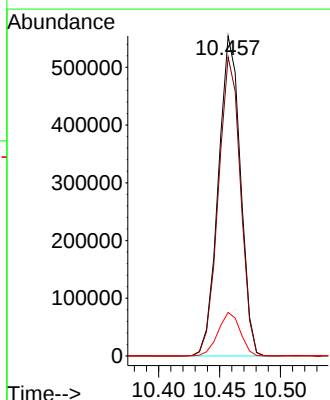
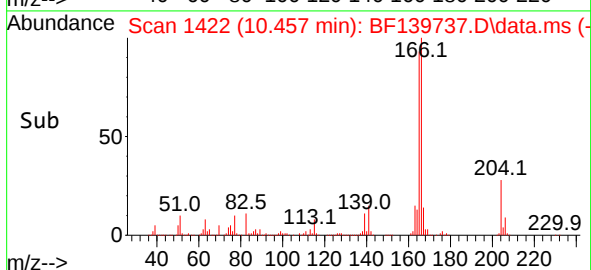
Supervised By :mohammad ahmed 10/11/2024

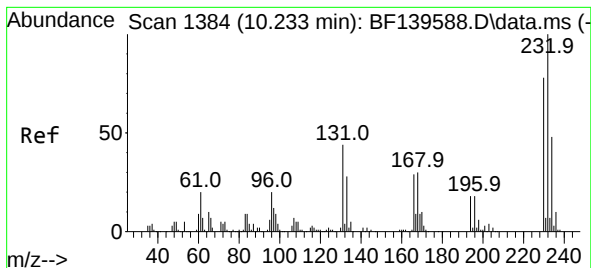


#58
Fluorene
Concen: 37.828 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



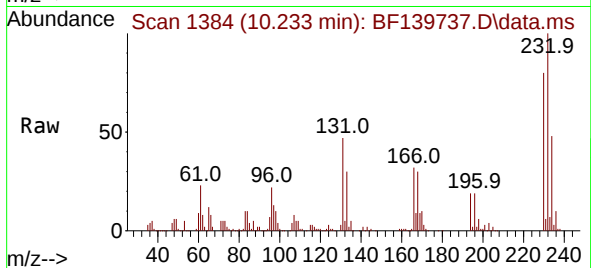
Tgt Ion:166 Resp: 700257
Ion Ratio Lower Upper
166 100
165 93.4 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.276 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

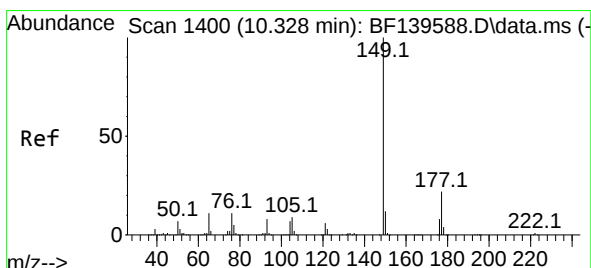
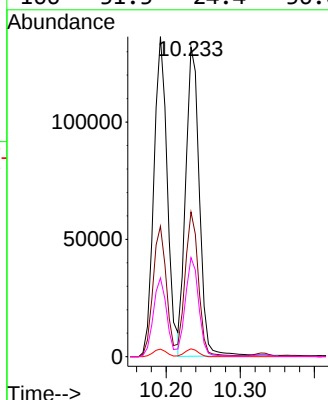
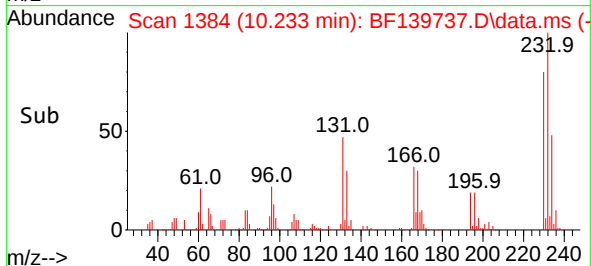
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



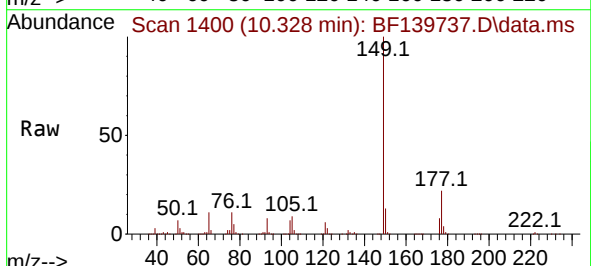
Tgt Ion:232 Resp: 16866
Ion Ratio Lower Upper
232 100
131 46.3 37.8 56.6
130 2.5 1.9 2.9
166 31.3 24.4 36.6

Manual Integrations
APPROVED

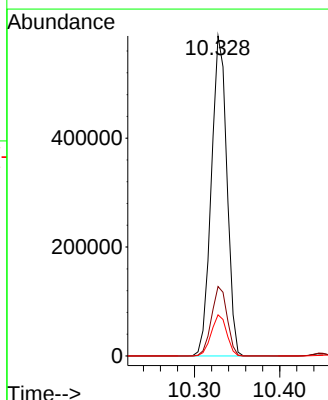
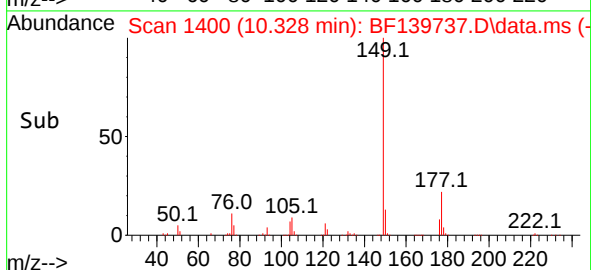
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

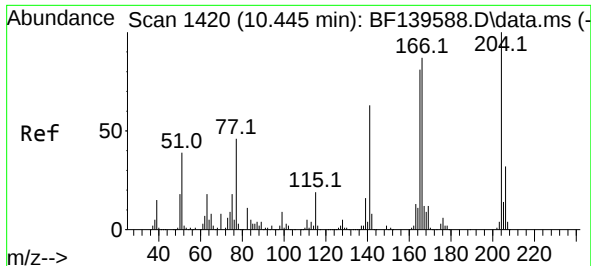


#60
Diethylphthalate
Concen: 38.806 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



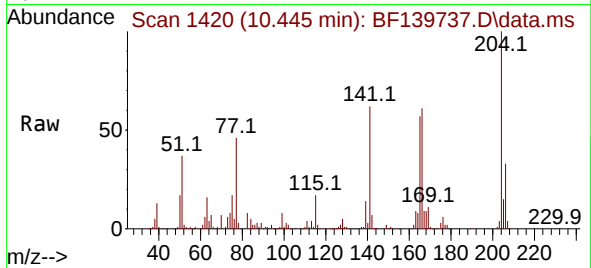
Tgt Ion:149 Resp: 748201
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.430 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

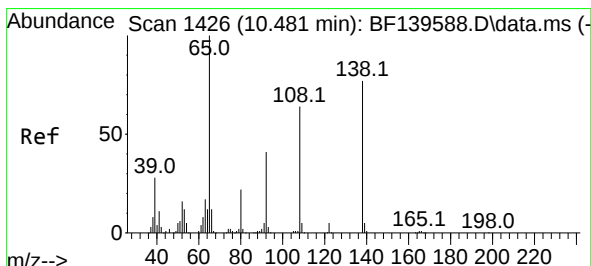
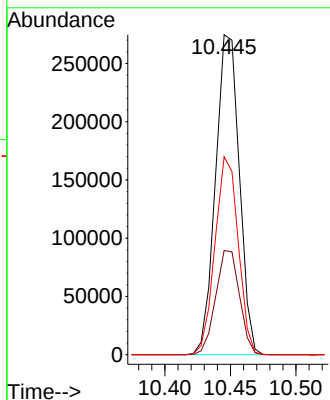
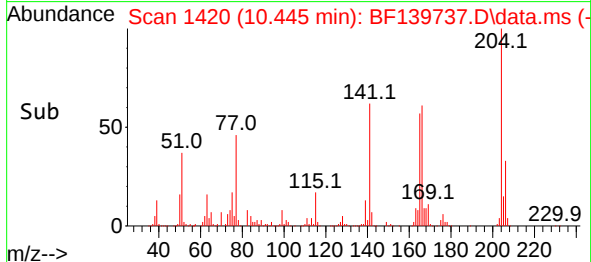
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



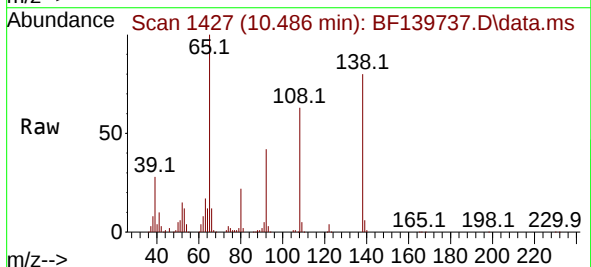
Tgt Ion:204 Resp: 34664
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.9 50.5 75.7

Manual Integrations
APPROVED

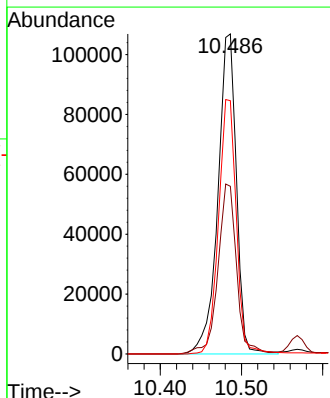
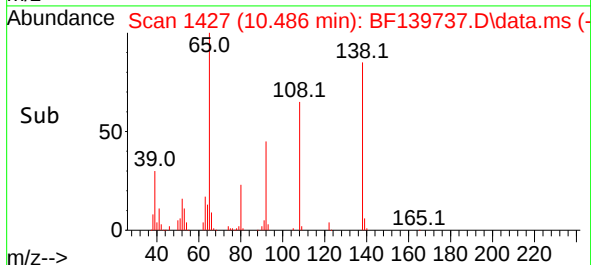
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

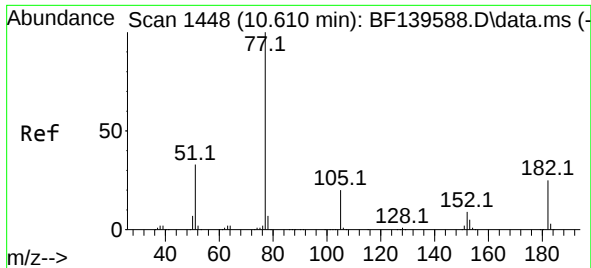


#62
4-Nitroaniline
Concen: 38.487 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:138 Resp: 169641
Ion Ratio Lower Upper
138 100
92 52.4 33.3 73.3
108 79.2 62.1 102.1





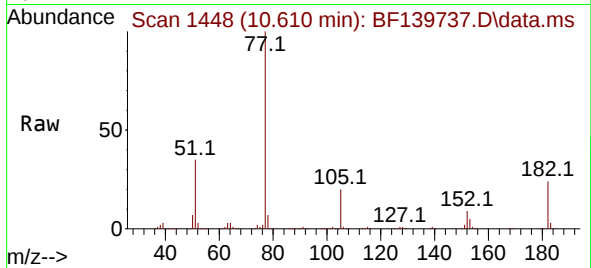
#63
Azobenzene
Concen: 37.626 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



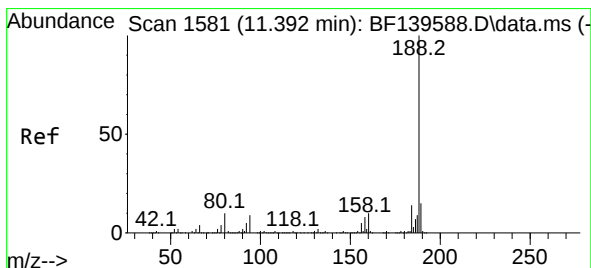
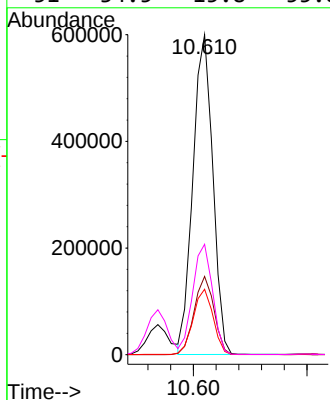
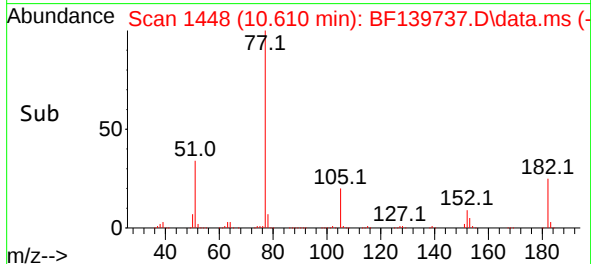
Tgt Ion: 77 Resp: 729552
Ion Ratio Lower Upper
77 100
182 24.4 4.2 44.2
105 20.5 0.0 39.6
51 34.5 15.8 55.8

Manual Integrations

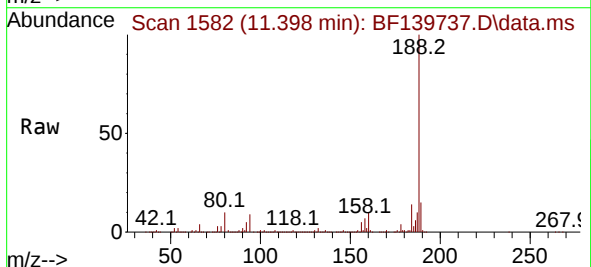
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

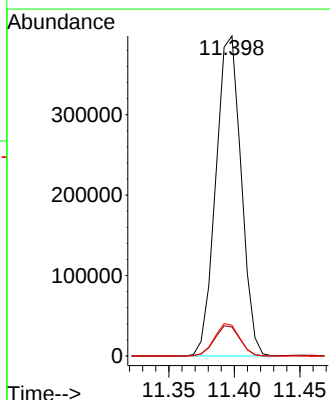
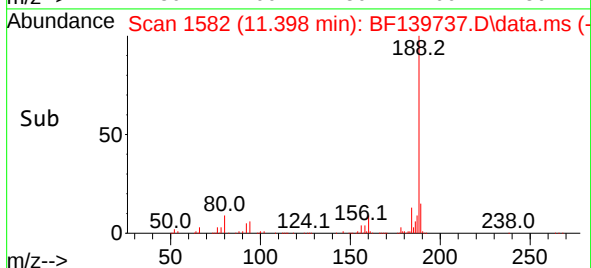
Supervised By :mohammad ahmed 10/11/2024

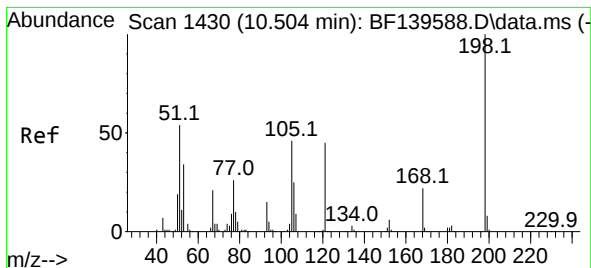


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:188 Resp: 533894
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.6 8.2 12.2





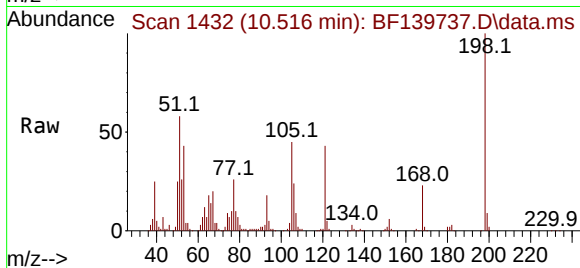
#65
4,6-Dinitro-2-methylphenol
Concen: 40.426 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

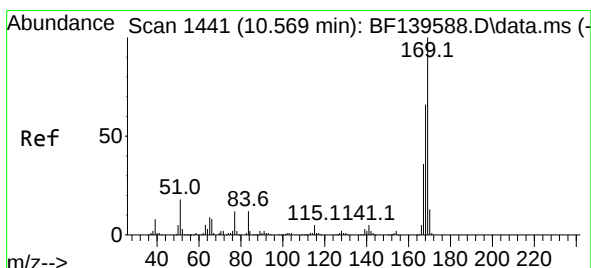
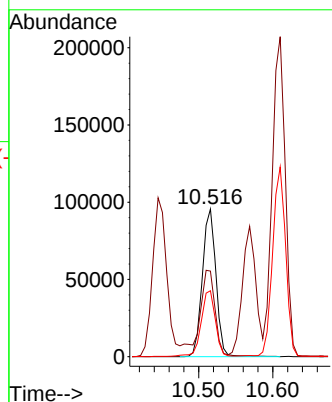
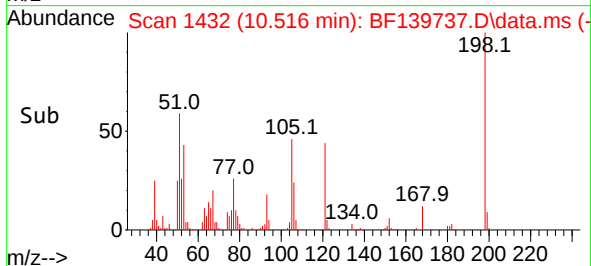


Tgt Ion:198 Resp: 121898
Ion Ratio Lower Upper
198 100
51 57.9 43.0 83.0
105 44.6 26.6 66.6

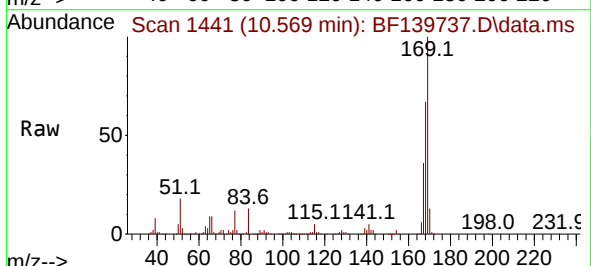
Manual Integrations

APPROVED

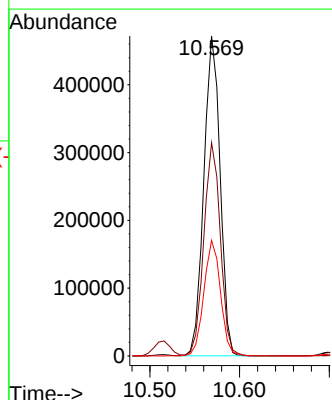
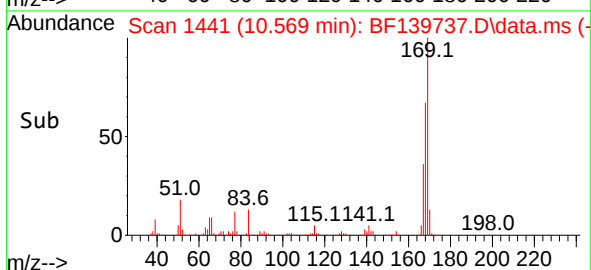
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

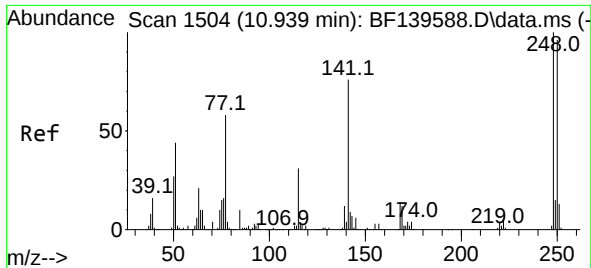


#66
n-Nitrosodiphenylamine
Concen: 37.778 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



Tgt Ion:169 Resp: 594525
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.424 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

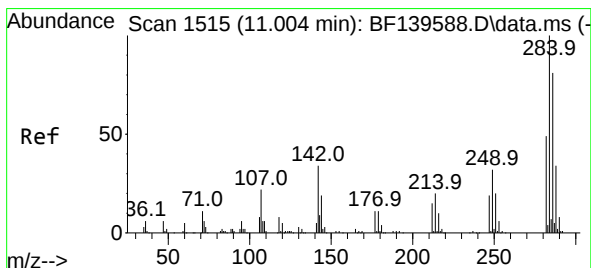
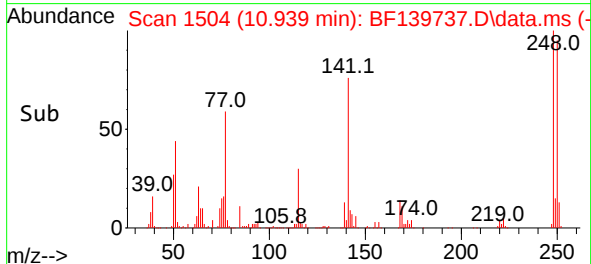
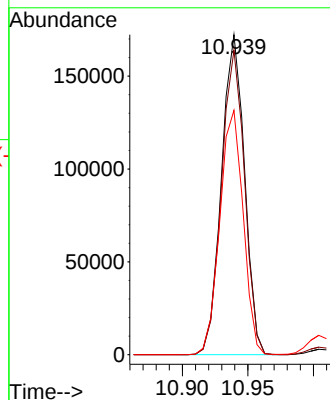
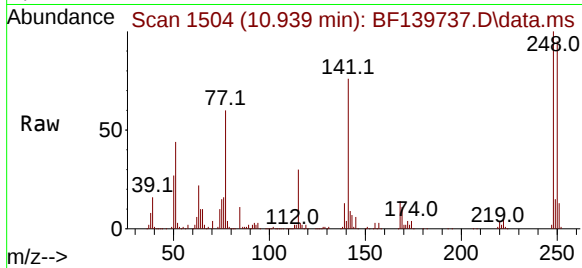
SSTDCCC040

Tgt Ion:248 Resp: 21033
Ion Ratio Lower Upper
248 100
250 95.1 77.1 115.7
141 76.3 60.4 90.6

Manual Integrations

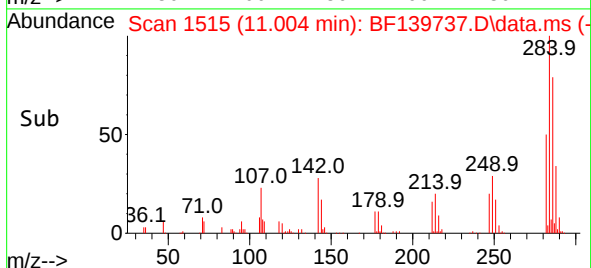
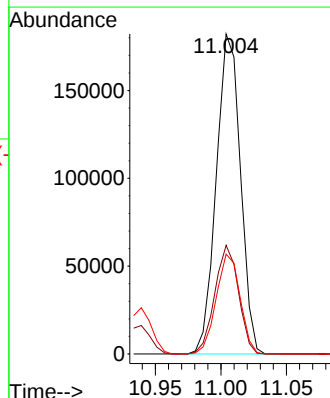
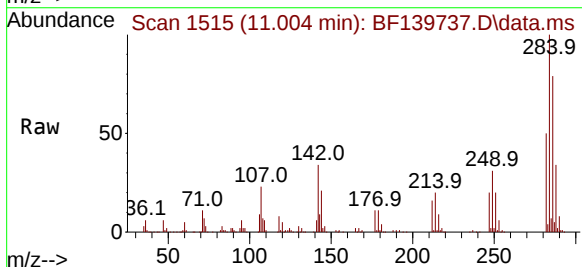
APPROVED

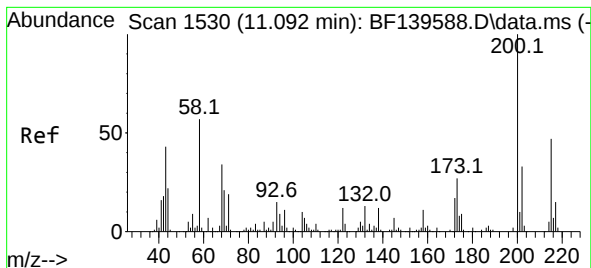
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#68
Hexachlorobenzene
Concen: 38.361 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:284 Resp: 233017
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 31.2 25.4 38.0





#69

Atrazine

Concen: 36.319 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 153350

Ion Ratio Lower Upper

200 100

173 27.5 6.7 46.7

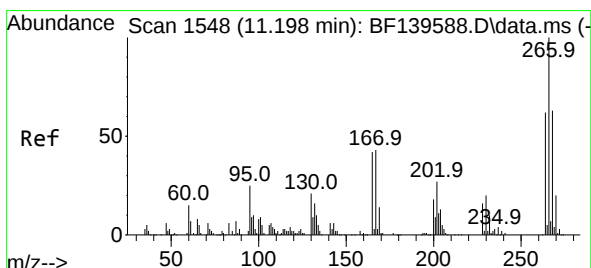
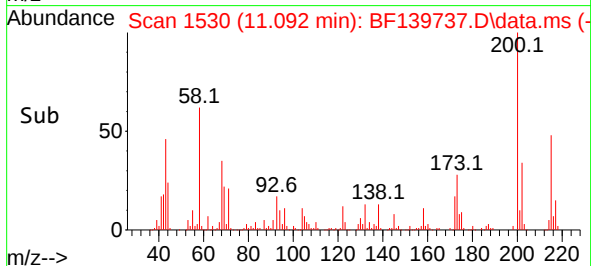
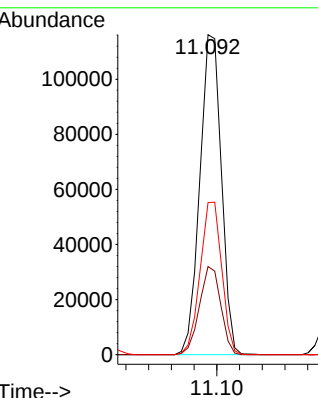
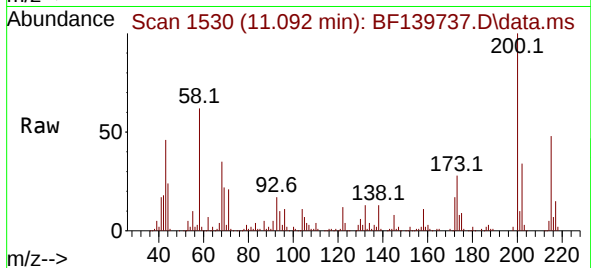
215 47.5 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#70

Pentachlorophenol

Concen: 36.405 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

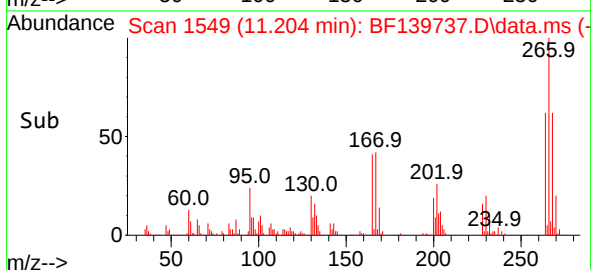
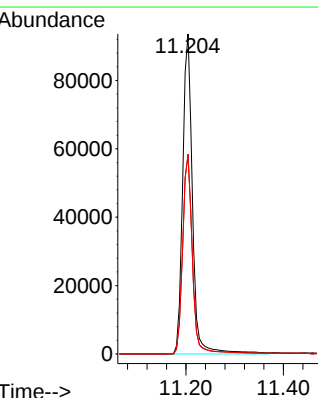
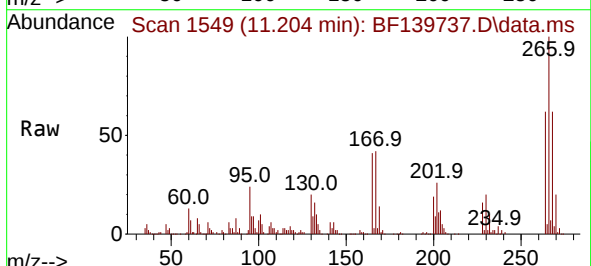
Tgt Ion:266 Resp: 131674

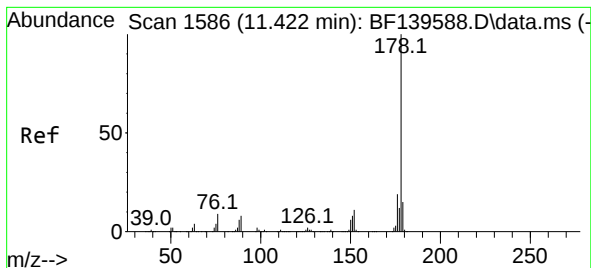
Ion Ratio Lower Upper

266 100

268 62.4 50.0 75.0

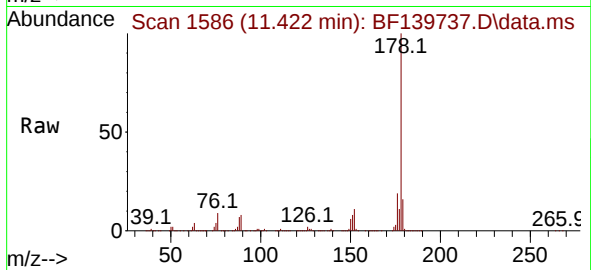
264 62.1 49.3 73.9





#71
Phenanthrene
Concen: 38.069 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

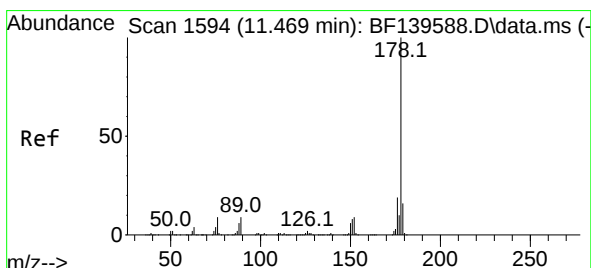
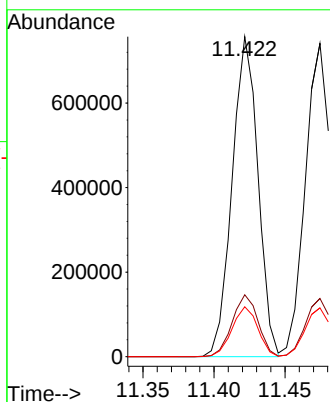
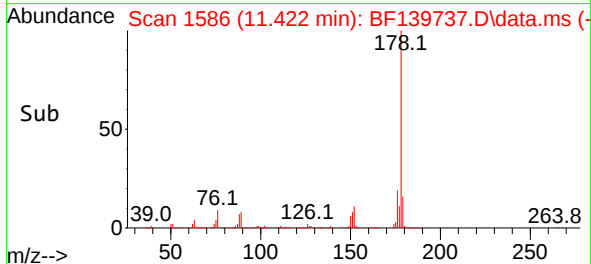
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 958320
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.3 18.5

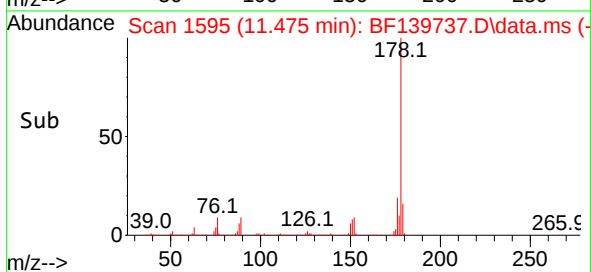
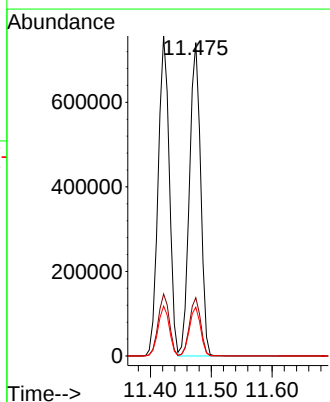
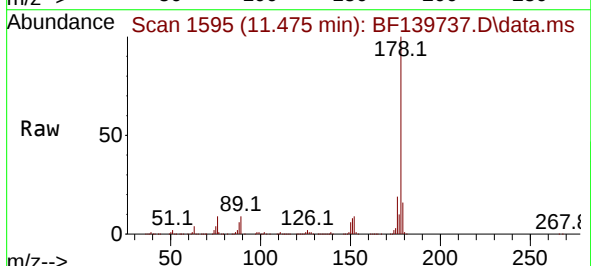
Manual Integrations
APPROVED

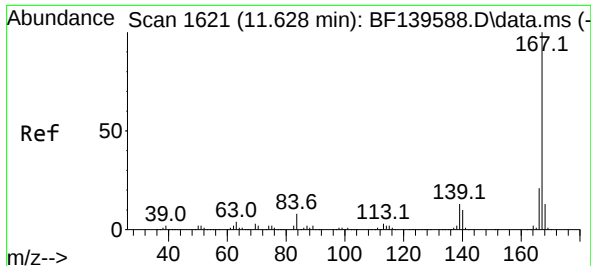
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Anthracene
Concen: 37.694 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:178 Resp: 938742
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.6 12.5 18.7





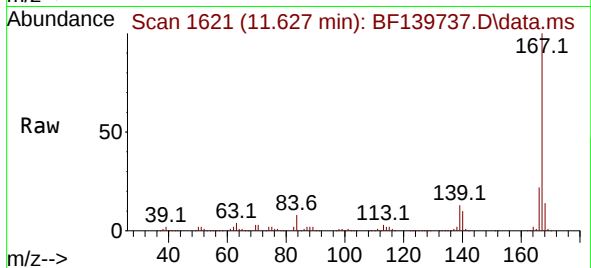
#73
 Carbazole
 Concen: 38.119 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139737.D
 Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



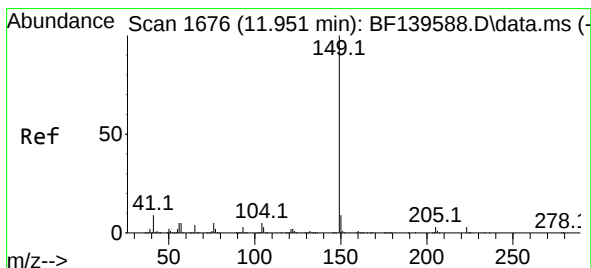
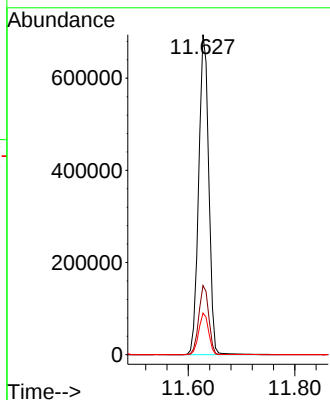
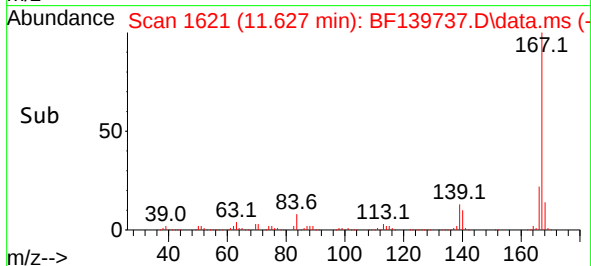
Tgt Ion:167 Resp: 911780
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.3 15.5

Manual Integrations

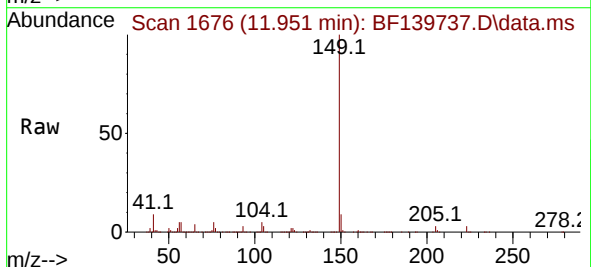
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

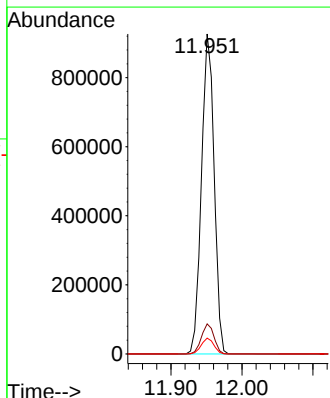
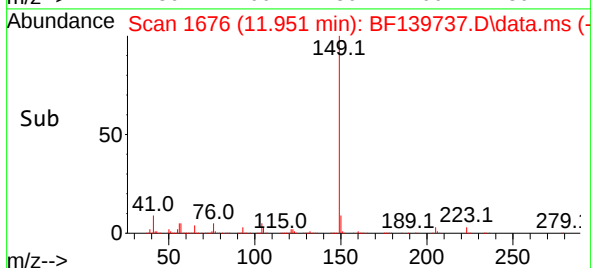
Supervised By :mohammad ahmed 10/11/2024

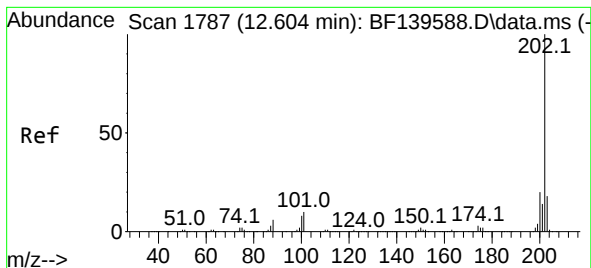


#74
 Di-n-butylphthalate
 Concen: 39.547 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139737.D
 Acq: 10 Oct 2024 10:35



Tgt Ion:149 Resp: 1150293
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 37.319 ng

RT: 12.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 102696

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.2

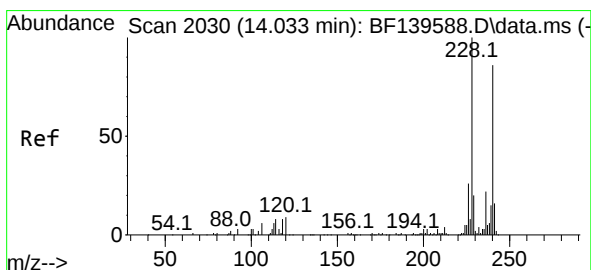
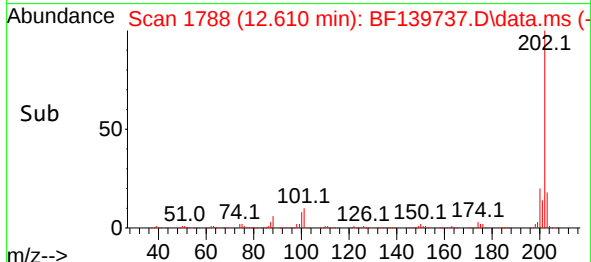
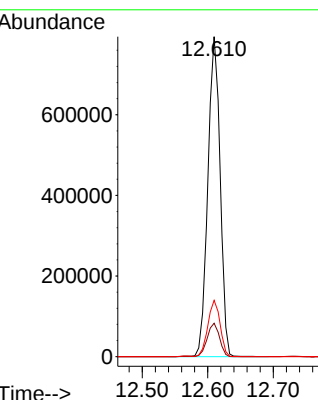
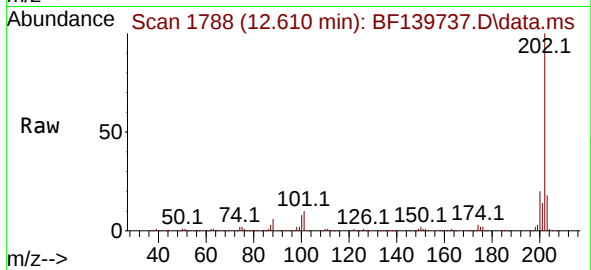
203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

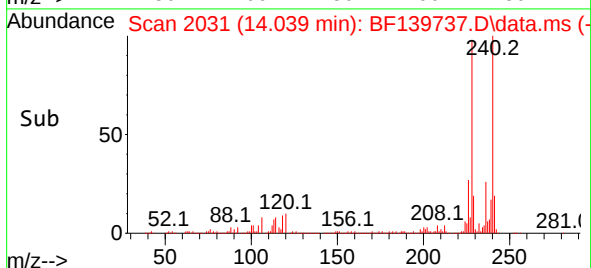
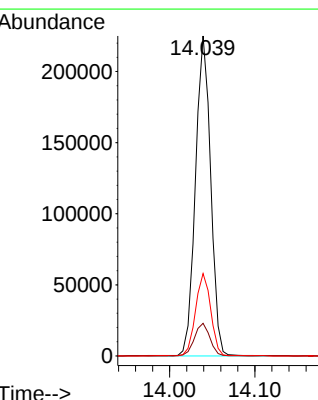
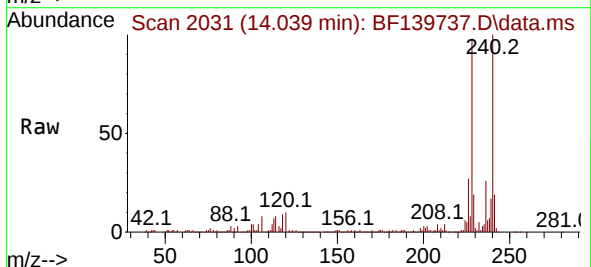
Tgt Ion:240 Resp: 278833

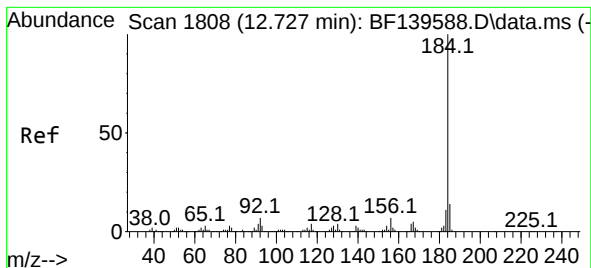
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 25.8 20.3 30.5





#77

Benzidine

Concen: 50.129 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 24654

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

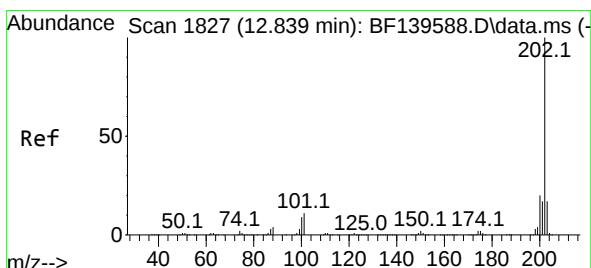
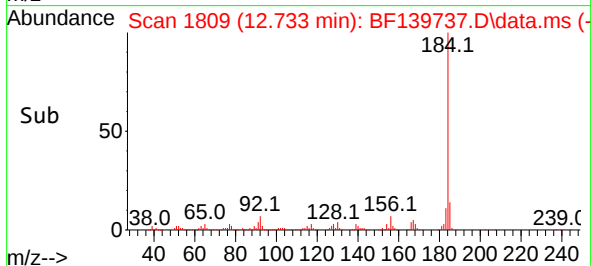
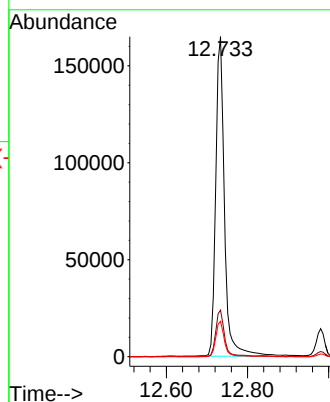
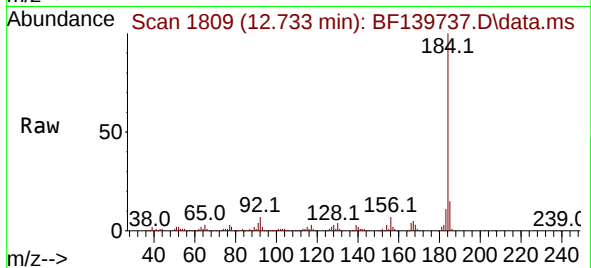
183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#78

Pyrene

Concen: 41.505 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

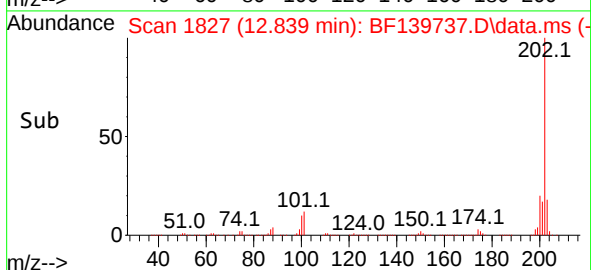
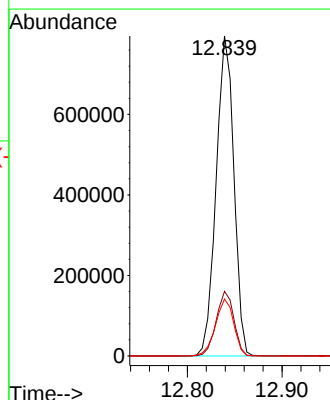
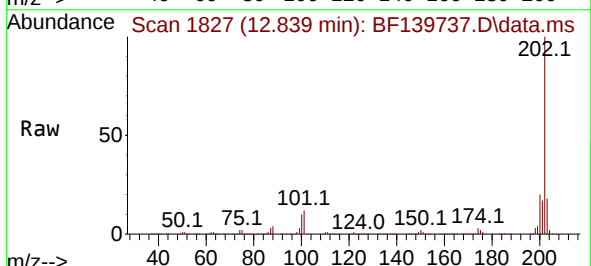
Tgt Ion:202 Resp: 1035070

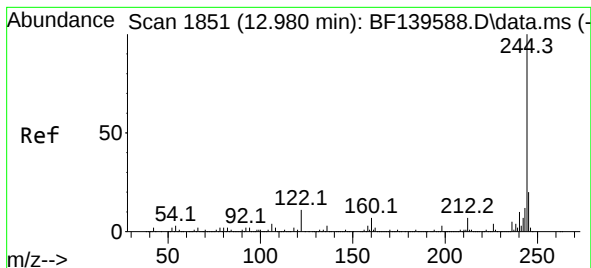
Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 81.368 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139737.D

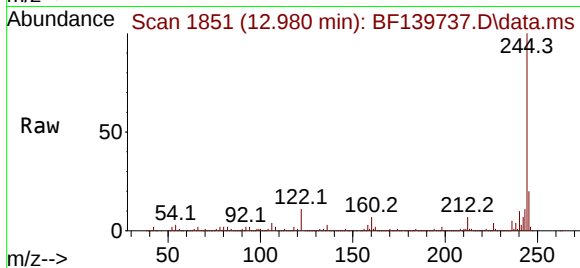
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 1382724

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

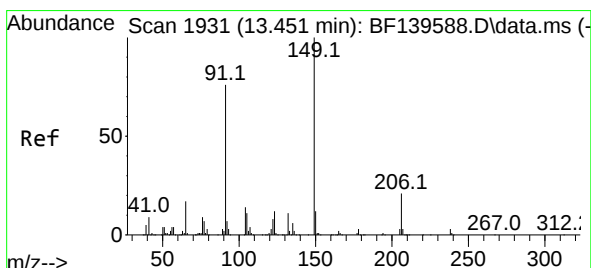
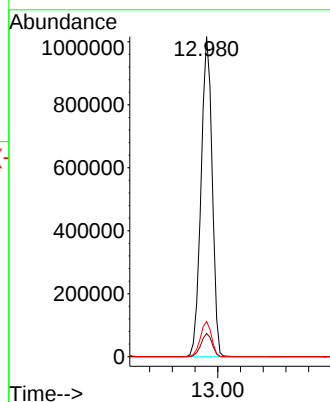
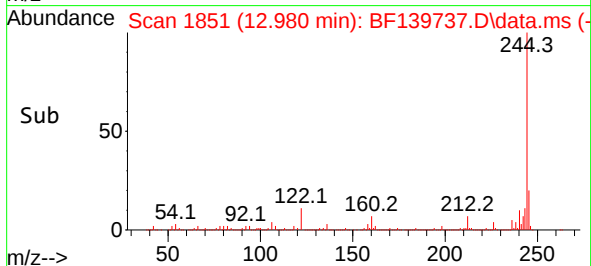
122 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#80

Butylbenzylphthalate

Concen: 43.788 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139737.D

Acq: 10 Oct 2024 10:35

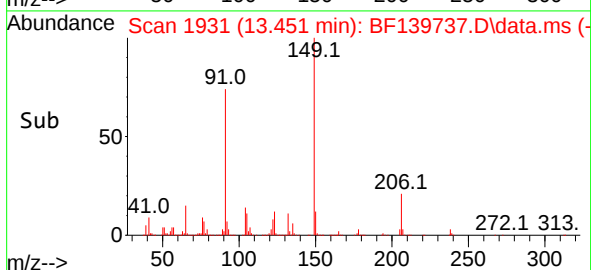
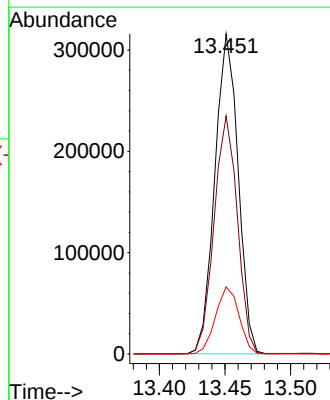
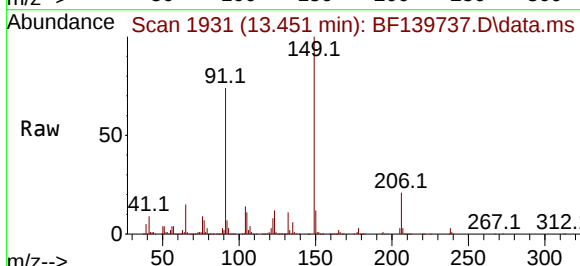
Tgt Ion:149 Resp: 390603

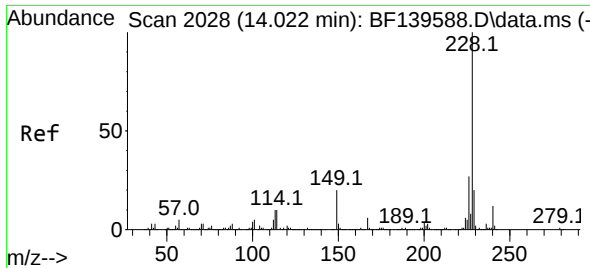
Ion Ratio Lower Upper

149 100

91 74.3 61.0 91.4

206 21.0 16.6 24.8





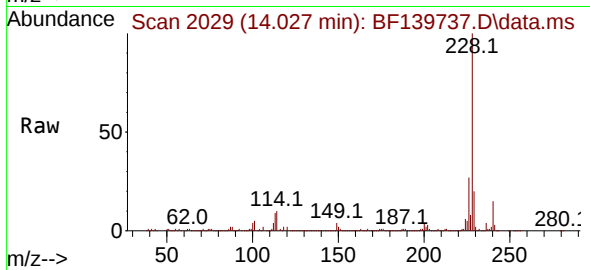
#81
Benzo(a)anthracene
Concen: 38.477 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



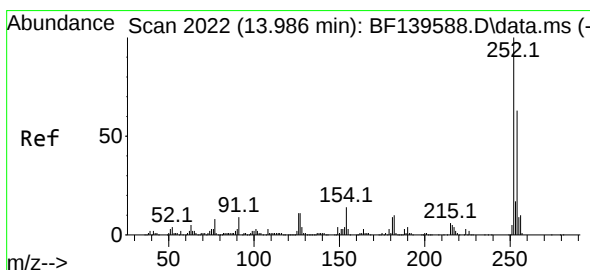
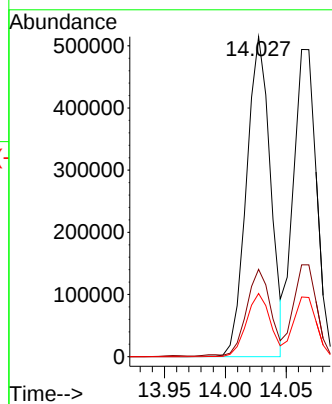
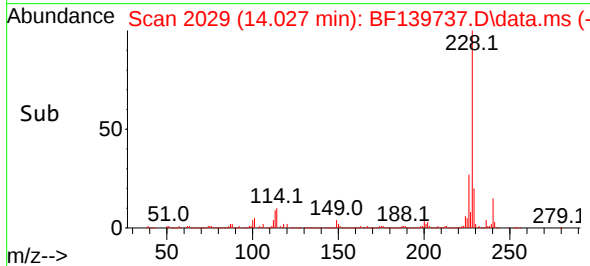
Tgt Ion:228 Resp: 705364
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8

Manual Integrations

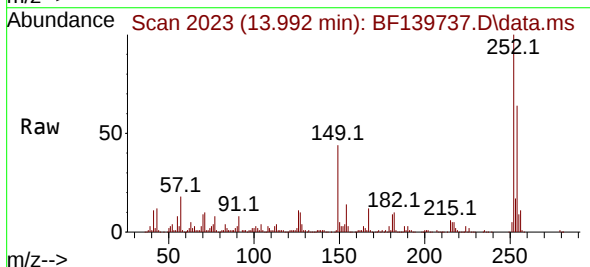
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

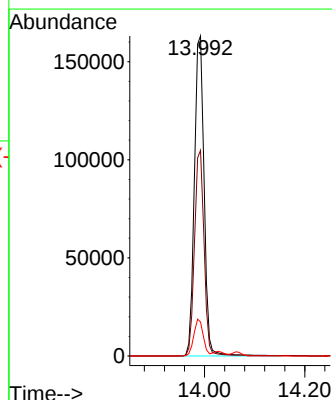
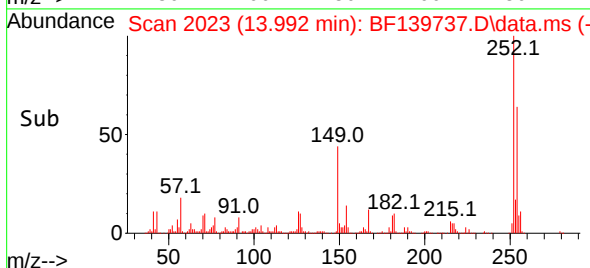
Supervised By :mohammad ahmed 10/11/2024

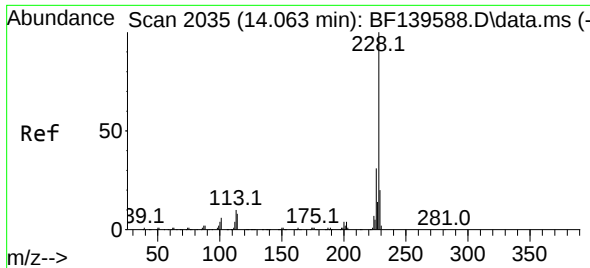


#82
3,3'-Dichlorobenzidine
Concen: 39.138 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



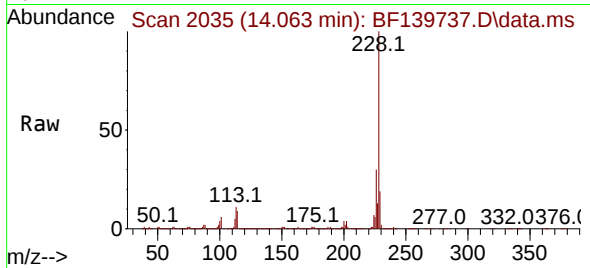
Tgt Ion:252 Resp: 219580
Ion Ratio Lower Upper
252 100
254 64.2 50.5 75.7
126 10.6 8.8 13.2





#83
Chrysene
Concen: 38.825 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

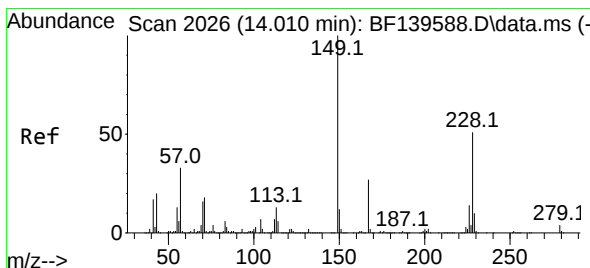
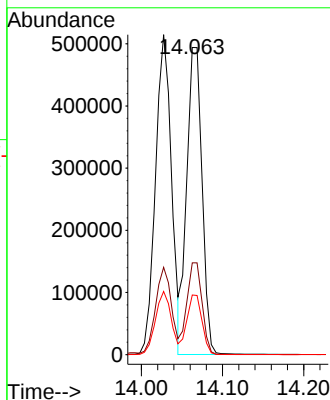
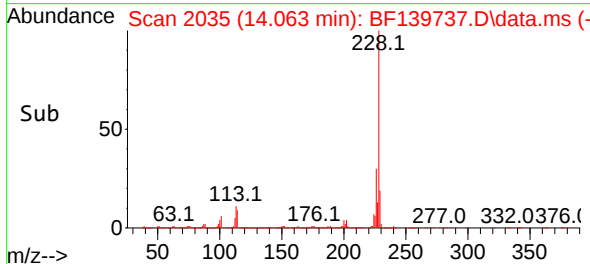
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



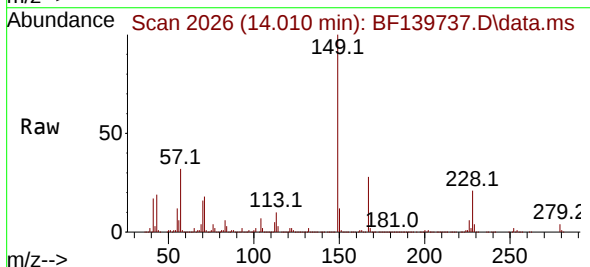
Tgt Ion:228 Resp: 65071
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.4 15.7 23.5

Manual Integrations
APPROVED

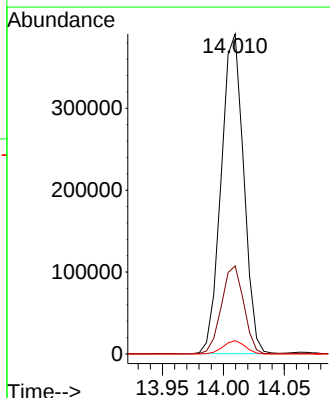
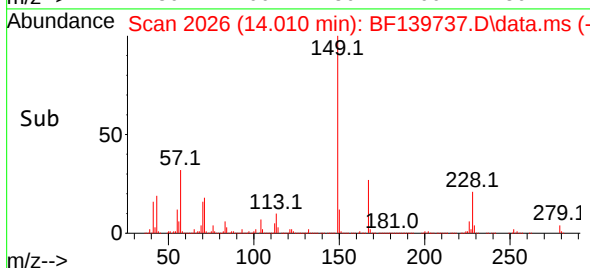
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

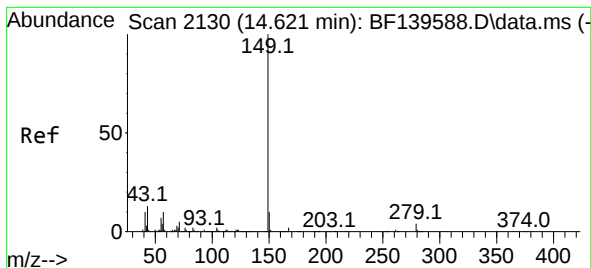


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.191 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35



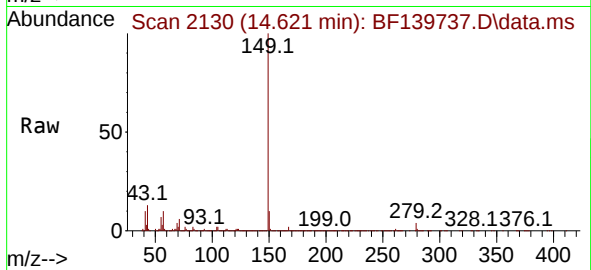
Tgt Ion:149 Resp: 503371
Ion Ratio Lower Upper
149 100
167 27.5 21.7 32.5
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 43.356 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

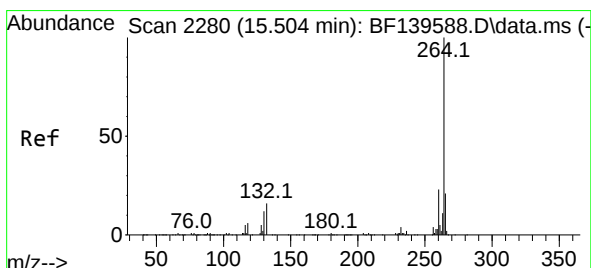
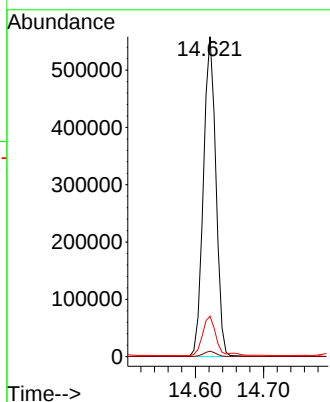
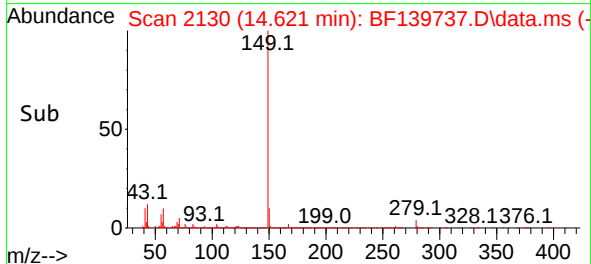
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 709475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.5 10.2 15.2

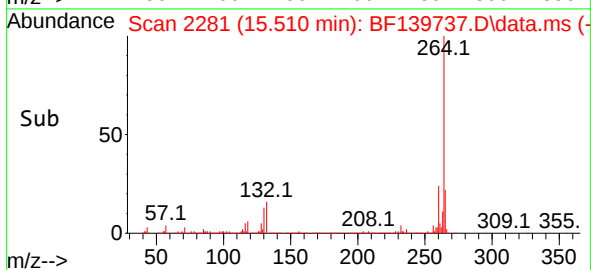
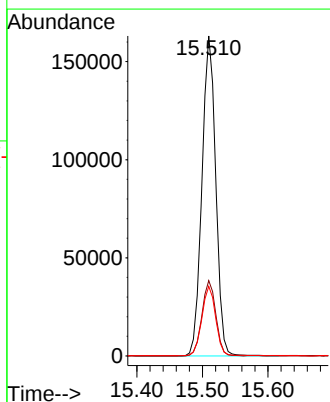
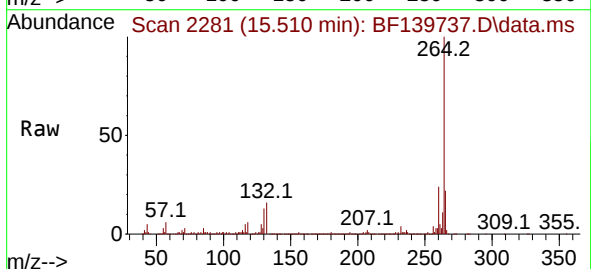
Manual Integrations
APPROVED

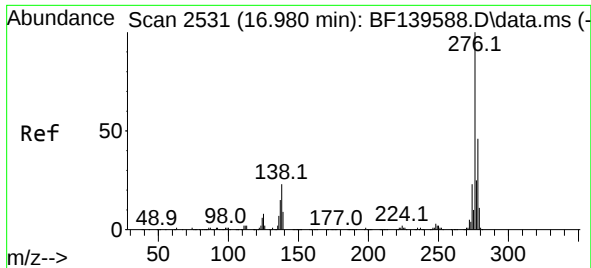
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:264 Resp: 239675
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.7 16.9 25.3





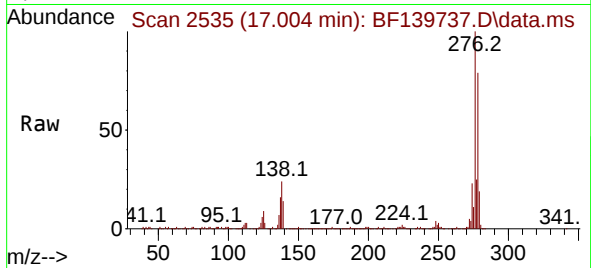
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.510 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



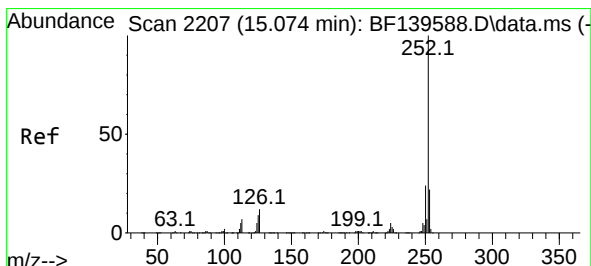
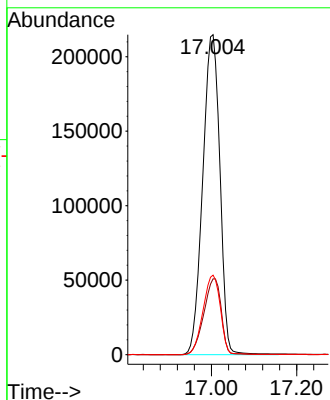
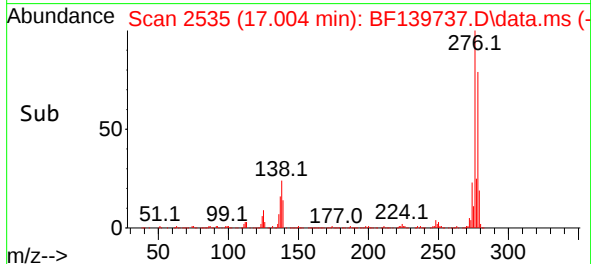
Tgt Ion:276 Resp: 59967
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 25.2 20.2 30.2

Manual Integrations

APPROVED

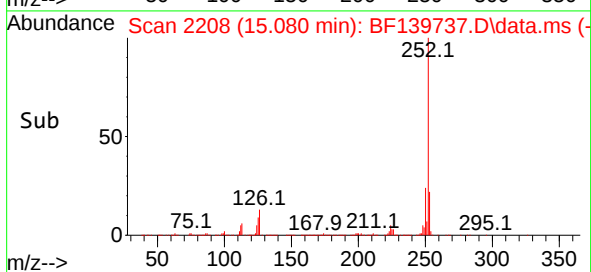
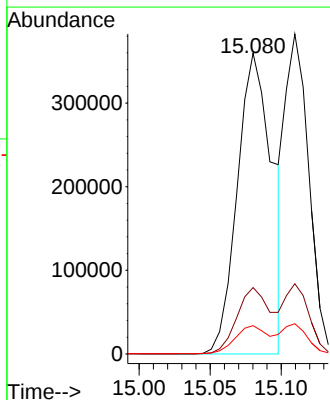
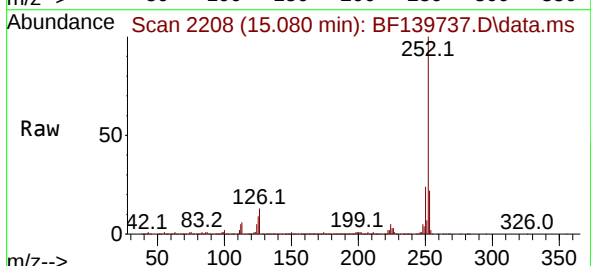
Reviewed By :Yogesh Patel 10/11/2024

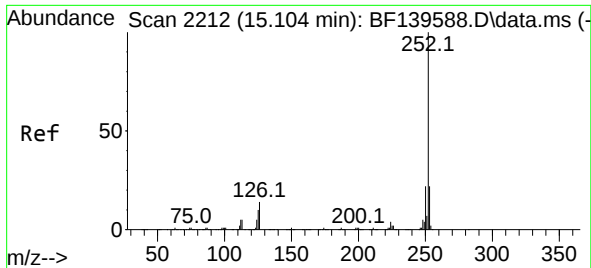
Supervised By :mohammad ahmed 10/11/2024



#88
Benzo(b)fluoranthene
Concen: 39.594 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

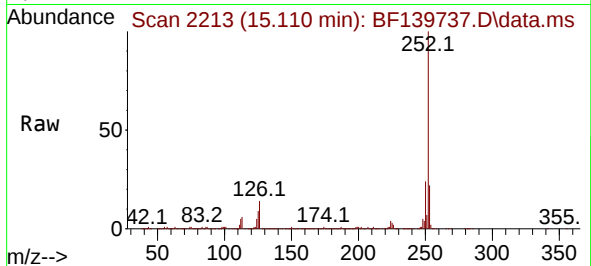
Tgt Ion:252 Resp: 613591
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.4 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 34.028 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

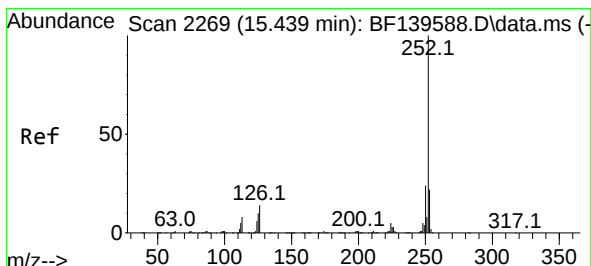
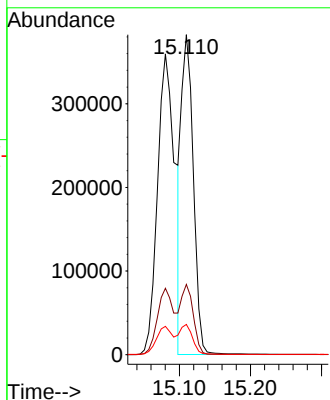
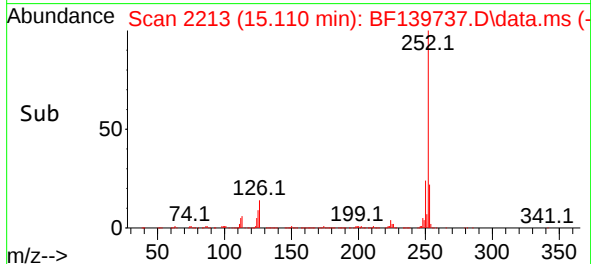
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 447324
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 7.6 11.4

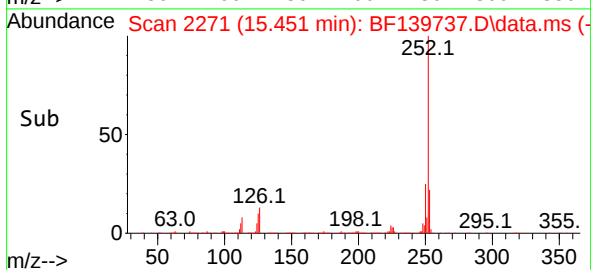
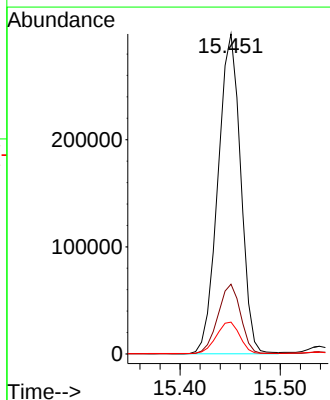
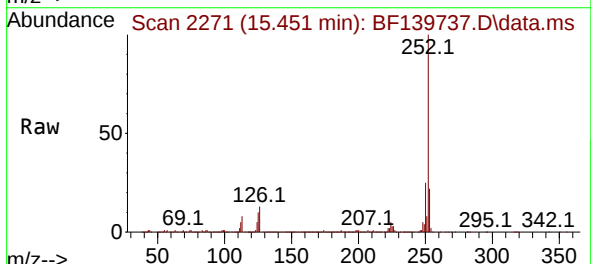
Manual Integrations
APPROVED

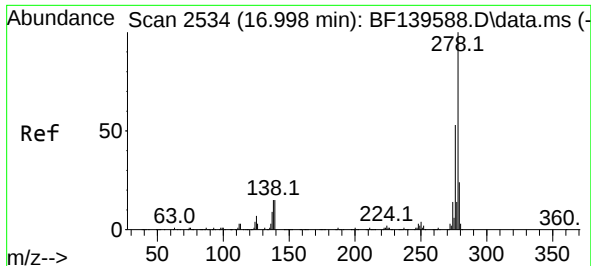
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#90
Benzo(a)pyrene
Concen: 38.478 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

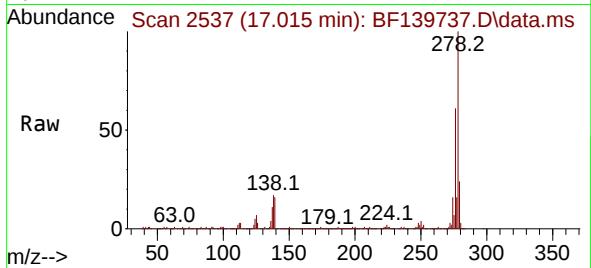
Tgt Ion:252 Resp: 470180
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.9 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 42.637 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

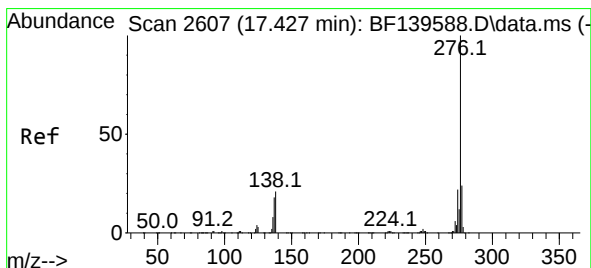
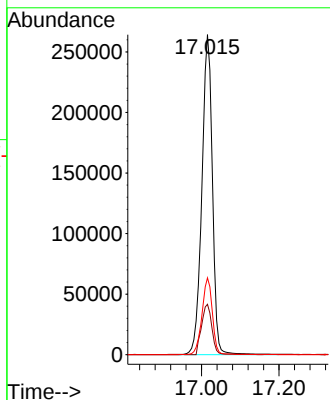
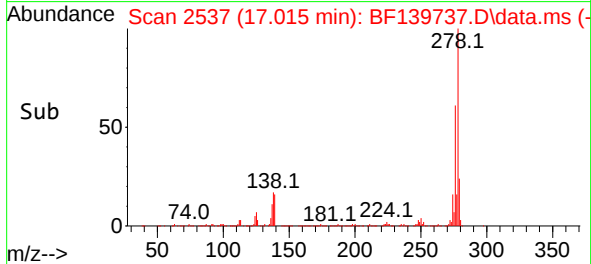
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 49886
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 24.0 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#92
Benzo(g,h,i)perylene
Concen: 42.984 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.023 min
Lab File: BF139737.D
Acq: 10 Oct 2024 10:35

Tgt Ion:276 Resp: 504384
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 20.9 17.0 25.6

