

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
 Data File : BF139591.D
 Acq On : 01 Oct 2024 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 04:41:26 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 04:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112482	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	422601	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	237106	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	428151	20.000	ng	0.00
76) Chrysene-d12	14.039	240	207859	20.000	ng	0.00
86) Perylene-d12	15.504	264	212442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	960761	139.341	ng	0.00
7) Phenol-d6	6.516	99	1299897	143.632	ng	0.01
23) Nitrobenzene-d5	7.445	82	1261141	140.293	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	335222	132.799	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2145948	126.936	ng	0.00
79) Terphenyl-d14	12.980	244	1906831	150.576	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	213396	77.141	ng	99
3) Pyridine	3.398	79	500243	82.019	ng	99
4) n-Nitrosodimethylamine	3.375	42	351841	66.556	ng	98
8) 2-Chlorophenol	6.663	128	512549	72.215	ng	98
9) Benzaldehyde	6.422	77	275316	52.654	ng	99
10) Phenol	6.534	94	658861	71.479	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	717497	102.415	ng	100
12) 1,3-Dichlorobenzene	6.816	146	569666	70.574	ng	99
13) 1,4-Dichlorobenzene	6.892	146	571944	70.117	ng	99
14) 1,2-Dichlorobenzene	7.045	146	528748	68.601	ng	99
15) Benzyl Alcohol	7.022	79	496482	68.761	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	933473	86.458	ng	79
17) 2-Methylphenol	7.134	107	437473	77.579	ng	97
18) Hexachloroethane	7.381	117	220030	70.820	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	416727	77.704	ng	99
20) 3+4-Methylphenols	7.292	107	519410	67.513	ng	95
22) Acetophenone	7.286	105	737765	66.778	ng	# 98
24) Nitrobenzene	7.463	77	668652	72.272	ng	99
25) Isophorone	7.698	82	1135763	79.889	ng	99
26) 2-Nitrophenol	7.775	139	291260	80.804	ng	98
27) 2,4-Dimethylphenol	7.810	122	348726m	73.344	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	656959	81.081	ng	99
29) 2,4-Dichlorophenol	8.016	162	440430	72.916	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	498056	70.768	ng	99
31) Naphthalene	8.181	128	1560737	70.742	ng	100
32) Benzoic acid	7.975	122	404875	90.992	ng	96
33) 4-Chloroaniline	8.245	127	524564	77.720	ng	99
34) Hexachlorobutadiene	8.292	225	319231	66.764	ng	99
35) Caprolactam	8.628	113	145512m	78.314	ng	
36) 4-Chloro-3-methylphenol	8.716	107	506172	73.325	ng	99
37) 2-Methylnaphthalene	8.869	142	1003622	71.669	ng	99
38) 1-Methylnaphthalene	8.969	142	981912	71.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	480823	68.424	ng	100
41) Hexachlorocyclopentadiene	9.016	237	174431	71.093	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	333572	72.963	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	358918	74.426	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1265584	69.380	ng	99
47) 2-Chloronaphthalene	9.357	162	969800	71.105	ng	99
48) 2-Nitroaniline	9.457	65	374425	73.808	ng	98
49) Acenaphthylene	9.775	152	1431863	69.743	ng	99
50) Dimethylphthalate	9.639	163	1153586	74.127	ng	100
51) 2,6-Dinitrotoluene	9.704	165	262758	76.216	ng	97
52) Acenaphthene	9.945	154	1009037	70.420	ng	100
53) 3-Nitroaniline	9.875	138	263885	76.591	ng	98
54) 2,4-Dinitrophenol	9.980	184	164467	85.614	ng	99
55) Dibenzofuran	10.116	168	1344630	67.327	ng	98
56) 4-Nitrophenol	10.033	139	207189	72.675	ng	100
57) 2,4-Dinitrotoluene	10.110	165	330141	70.930	ng	# 89
58) Fluorene	10.463	166	1073386	65.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	283229	70.998	ng	100
60) Diethylphthalate	10.333	149	1153048	71.798	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	534565	67.502	ng	99
62) 4-Nitroaniline	10.492	138	265406	70.582	ng	98
63) Azobenzene	10.610	77	1178747	74.625	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	201095	88.991	ng	98
66) n-Nitrosodiphenylamine	10.575	169	935788	74.757	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	326534	76.961	ng	99
68) Hexachlorobenzene	11.010	284	362713	72.841	ng	98
70) Pentachlorophenol	11.198	266	229802	76.910	ng	99
71) Phenanthrene	11.422	178	1435503	69.494	ng	99
72) Anthracene	11.474	178	1426124	70.613	ng	100
73) Carbazole	11.627	167	1325153	68.555	ng	99
74) Di-n-butylphthalate	11.957	149	1667088	77.421	ng	100
75) Fluoranthene	12.610	202	1474432	66.839	ng	100
77) Benzidine	12.733	184	307175	103.148	ng	100
78) Pyrene	12.839	202	1457393	81.658	ng	99
80) Butylbenzylphthalate	13.451	149	527522	86.836	ng	98
81) Benzo(a)anthracene	14.027	228	1017263	73.883	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	318495	78.989	ng	97
83) Chrysene	14.063	228	928486	73.299	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	684589	88.584	ng	100
85) Di-n-octyl phthalate	14.621	149	1096573	96.349	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1064640	84.278	ng	100
88) Benzo(b)fluoranthene	15.080	252	960377	73.300	ng	99
89) Benzo(k)fluoranthene	15.110	252	870681	72.074	ng	100
90) Benzo(a)pyrene	15.445	252	826762	76.086	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	872301	83.566	ng	99
92) Benzo(g,h,i)perylene	17.445	276	902553	87.326	ng	100

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



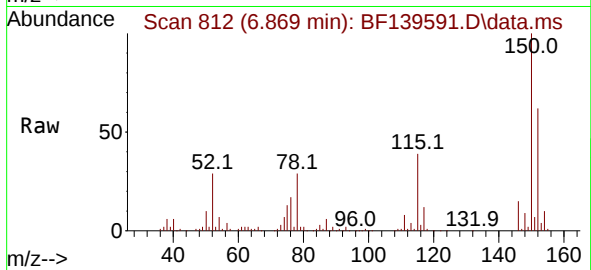
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

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SSTDICC080

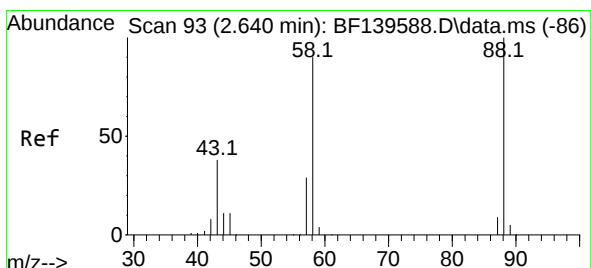
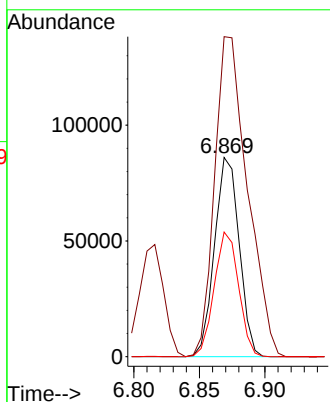
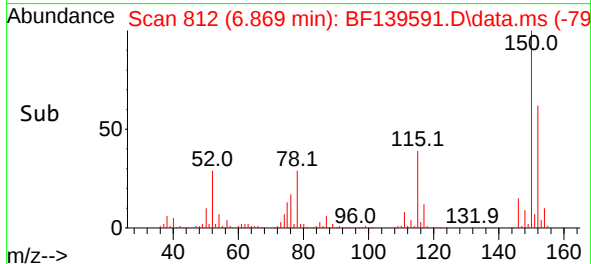


Tgt Ion:152 Resp: 11248
Ion Ratio Lower Upper
152 100
150 160.6 127.2 190.8
115 62.6 49.0 73.4

Manual Integrations

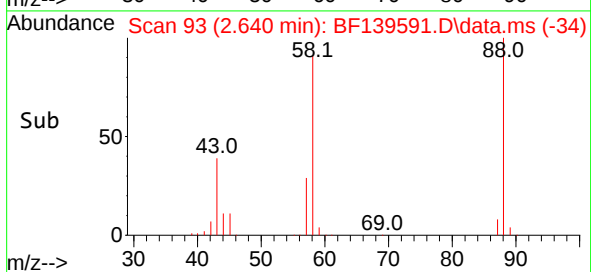
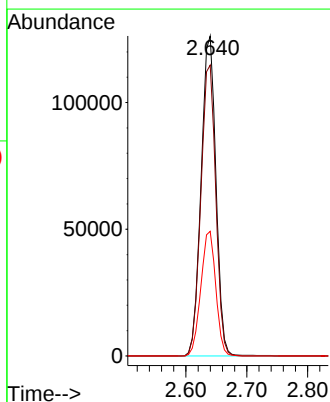
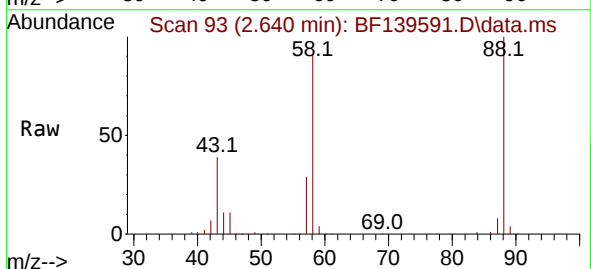
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#2
1,4-Dioxane
Concen: 77.141 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion: 88 Resp: 213396
Ion Ratio Lower Upper
88 100
58 91.2 72.0 108.0
43 39.1 30.8 46.2





#3
Pyridine
Concen: 82.019 ng
RT: 3.398 min Scan# 218
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

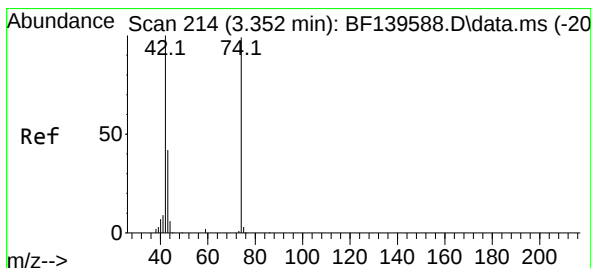
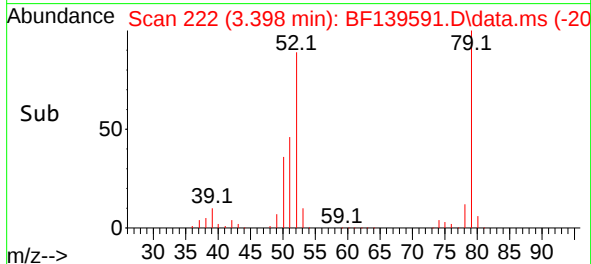
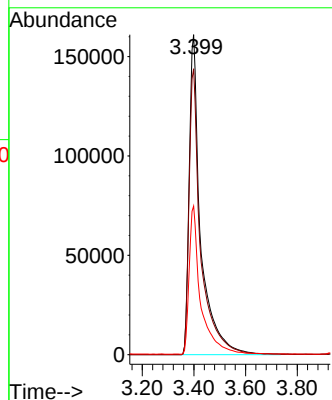
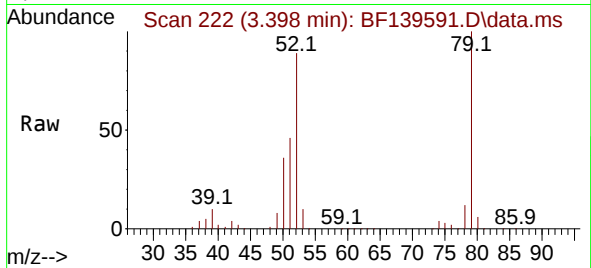
ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 50024
Ion Ratio Lower Upper
79 100
52 89.3 72.6 109.0
51 46.4 37.5 56.3

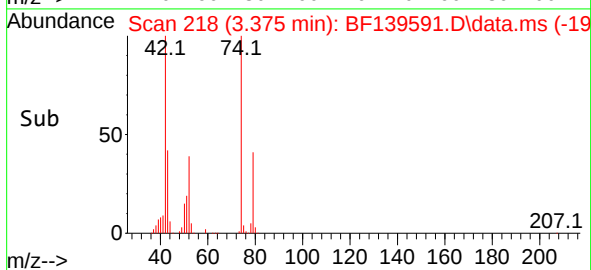
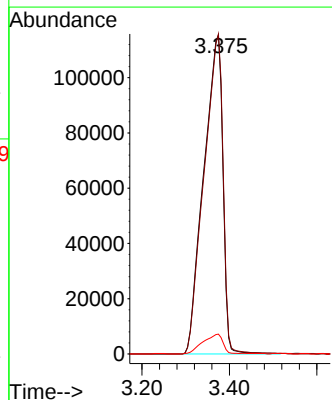
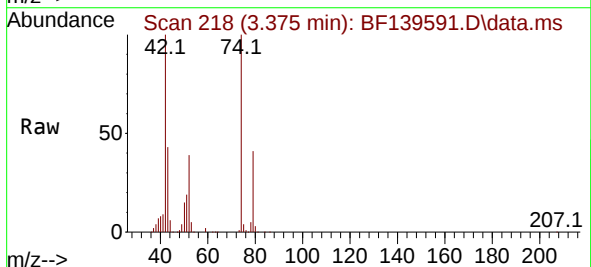
Manual Integrations
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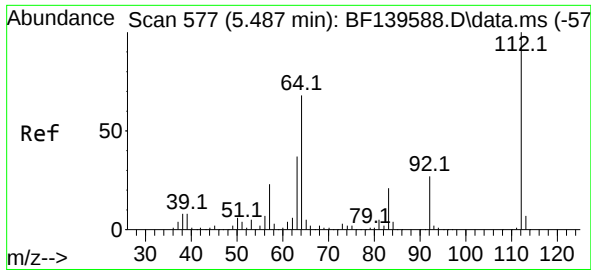
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#4
n-Nitrosodimethylamine
Concen: 66.556 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.023 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

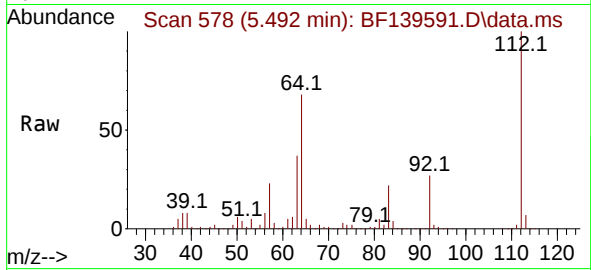
Tgt Ion: 42 Resp: 351841
Ion Ratio Lower Upper
42 100
74 100.4 79.0 118.6
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 139.341 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

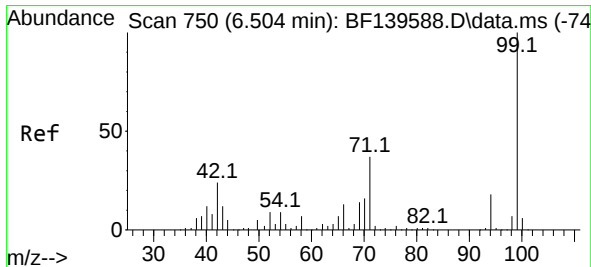
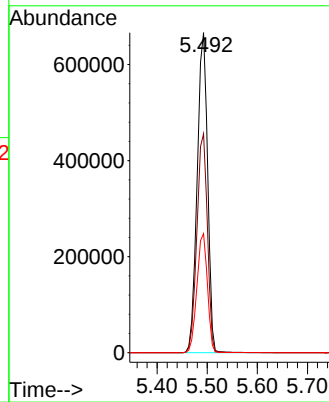
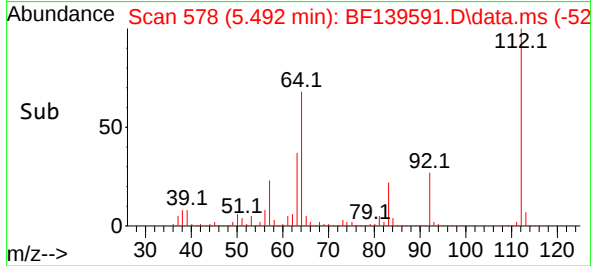
Instrument :
BNA_F
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SSTDICC080



Tgt Ion:112 Resp: 96076
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.2 29.4 44.2

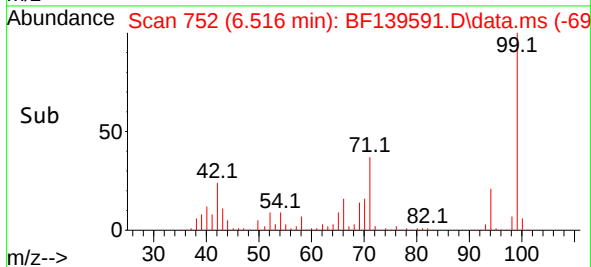
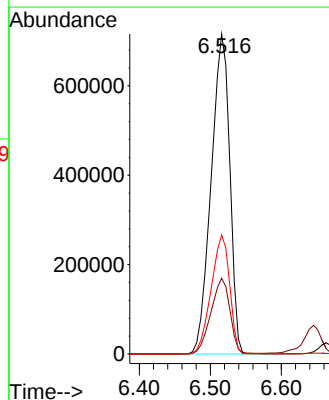
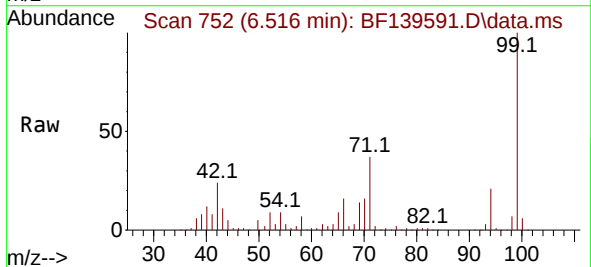
Manual Integrations
APPROVED

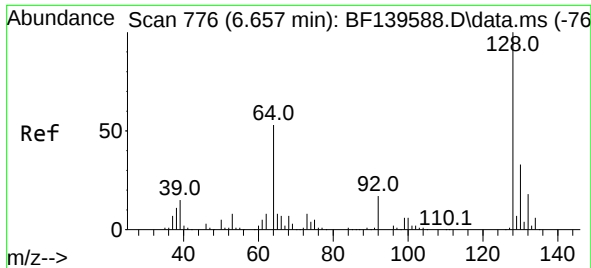
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#7
Phenol-d6
Concen: 143.632 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion: 99 Resp: 1299897
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.2 29.7 44.5





#8
2-Chlorophenol
Concen: 72.215 ng
RT: 6.663 min Scan# 776
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

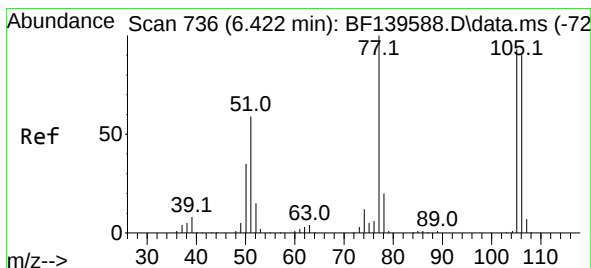
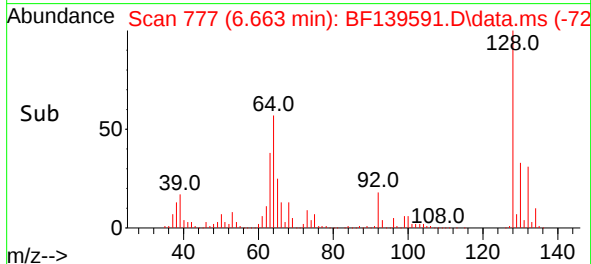
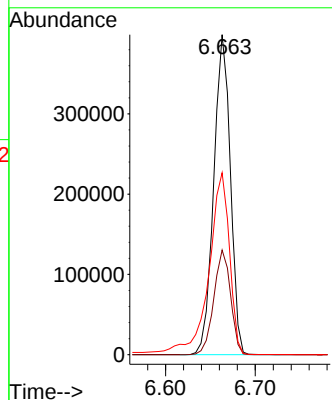
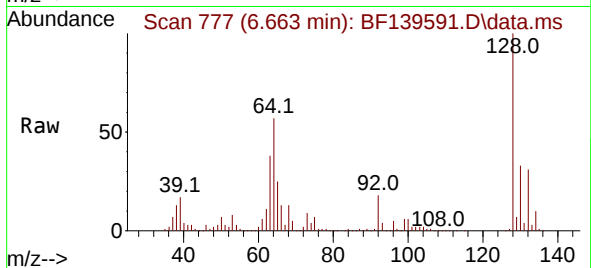
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Tgt Ion:128 Resp: 512549
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 56.9 35.1 75.1

Manual Integrations

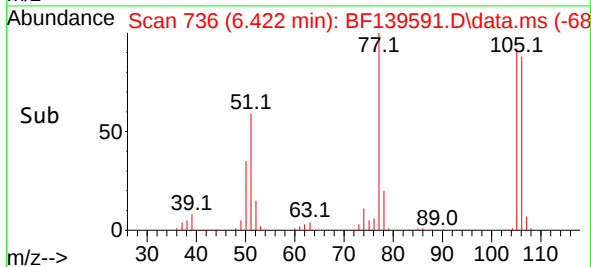
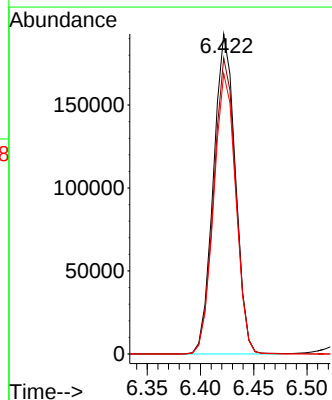
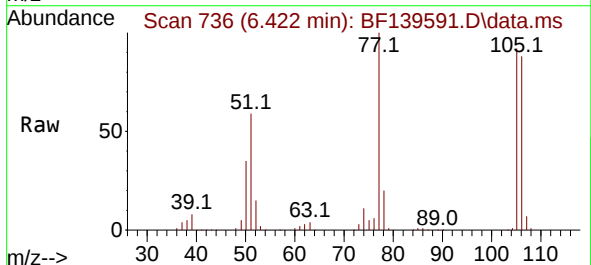
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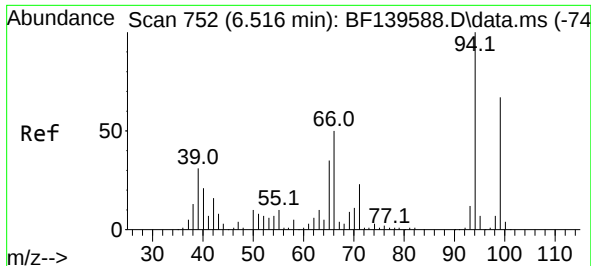
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#9
Benzaldehyde
Concen: 52.654 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF139591.D
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Tgt Ion: 77 Resp: 275316
Ion Ratio Lower Upper
77 100
105 92.4 72.7 112.7
106 87.6 70.1 110.1





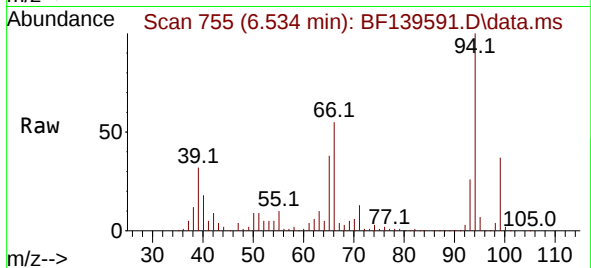
#10
Phenol
Concen: 71.479 ng
RT: 6.534 min Scan# 752
Delta R.T. 0.018 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

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SSTDICC080

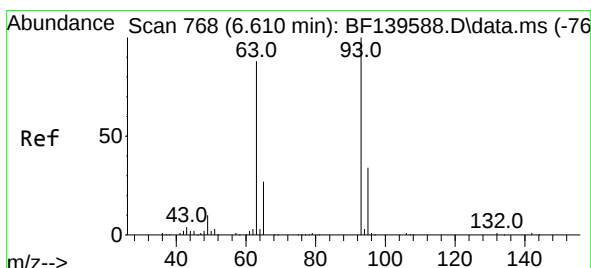
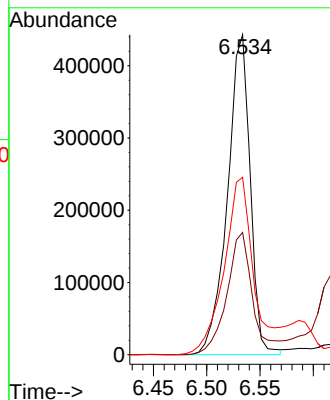
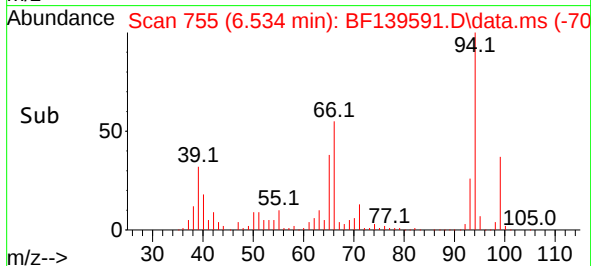


Tgt Ion: 94 Resp: 65886
Ion Ratio Lower Upper
94 100
65 38.2 15.3 55.3
66 55.5 30.5 70.5

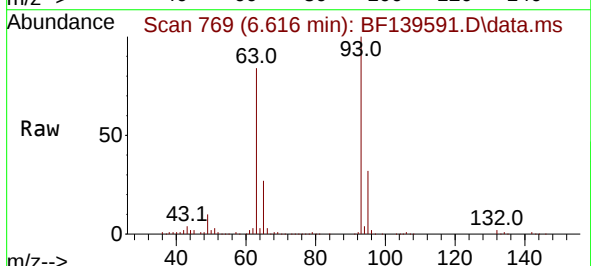
Manual Integrations

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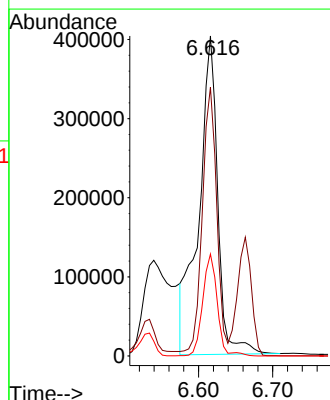
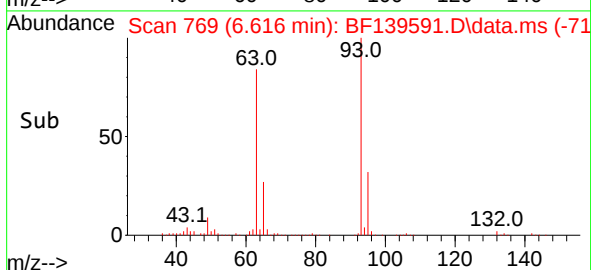
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

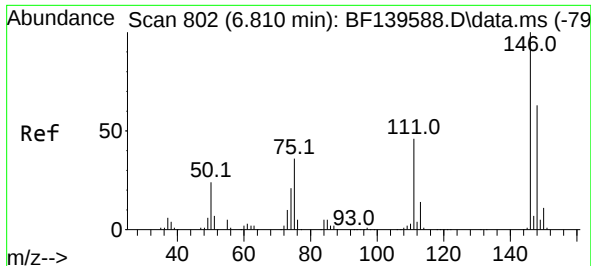


#11
bis(2-Chloroethyl)ether
Concen: 102.415 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion: 93 Resp: 717497
Ion Ratio Lower Upper
93 100
63 84.0 64.1 104.1
95 31.8 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 70.574 ng

RT: 6.816 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

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Tgt Ion:146 Resp: 56966

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.4

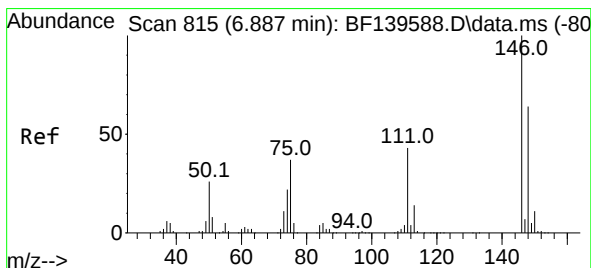
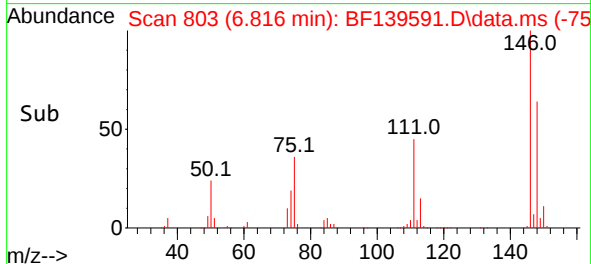
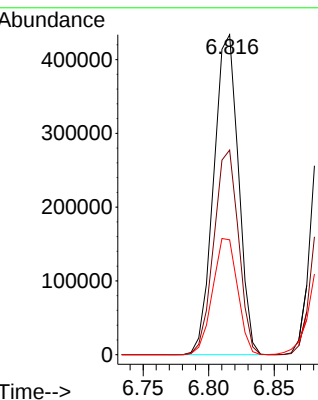
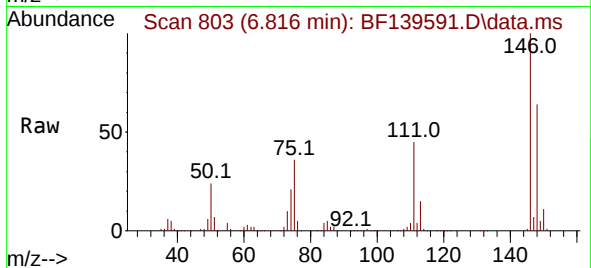
75 35.9 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#13

1,4-Dichlorobenzene

Concen: 70.117 ng

RT: 6.892 min Scan# 816

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

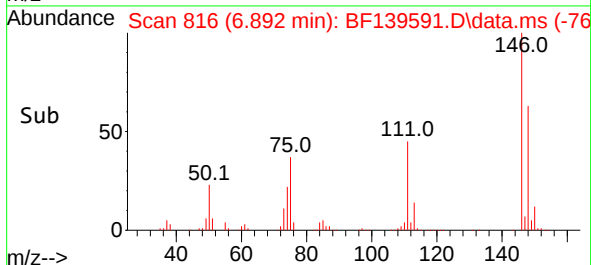
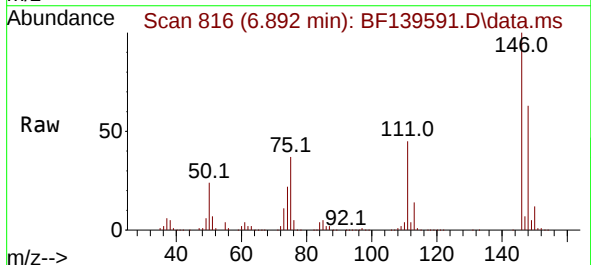
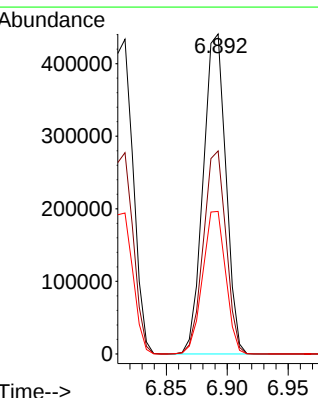
Tgt Ion:146 Resp: 571944

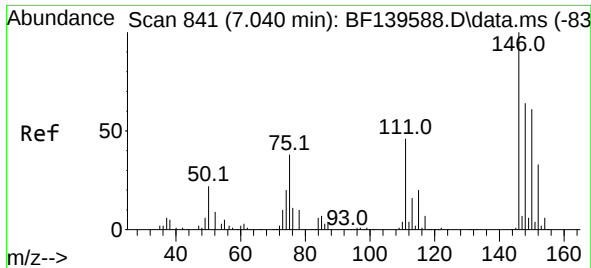
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

111 44.5 34.9 52.3





#14
1,2-Dichlorobenzene
Concen: 68.601 ng
RT: 7.045 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

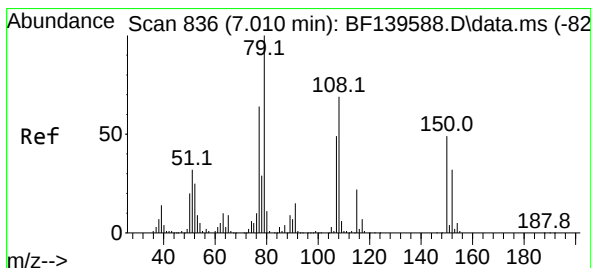
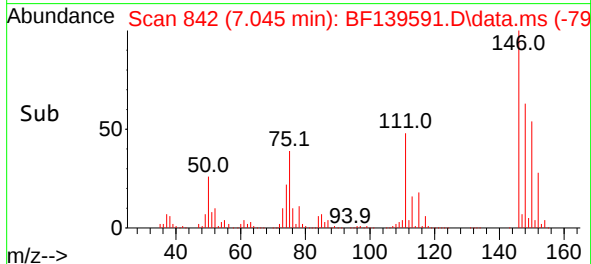
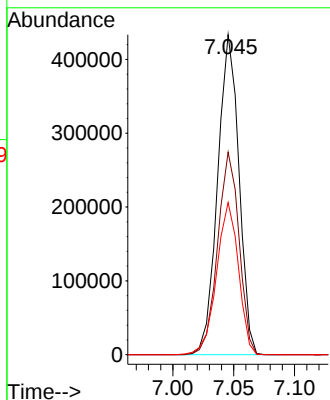
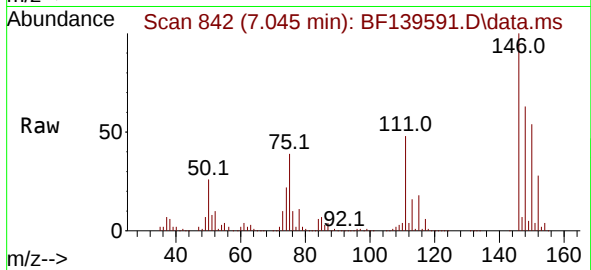
ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 528748
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 47.5 37.0 55.6

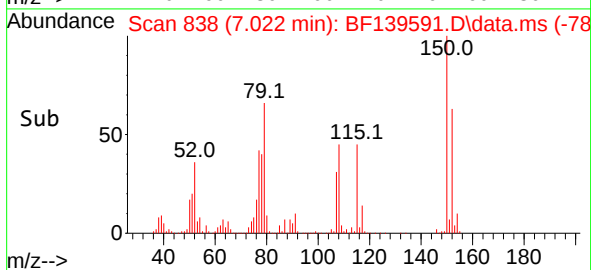
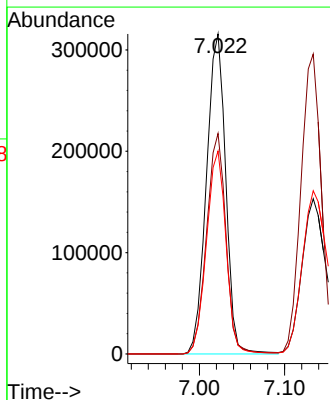
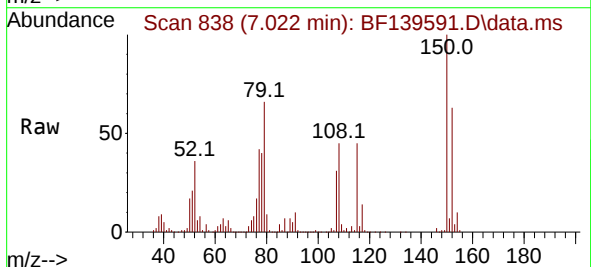
Manual Integrations
APPROVED

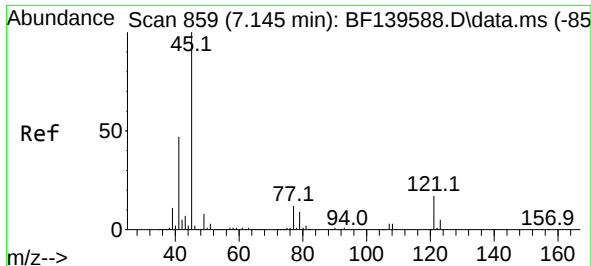
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#15
Benzyl Alcohol
Concen: 68.761 ng
RT: 7.022 min Scan# 838
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

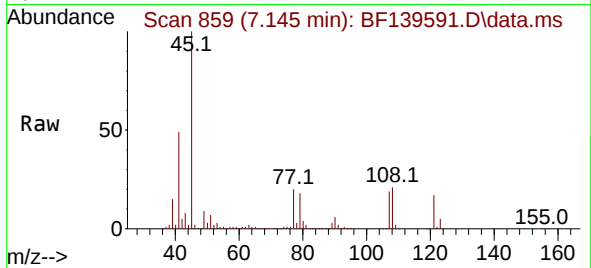
Tgt Ion: 79 Resp: 496482
Ion Ratio Lower Upper
79 100
108 68.9 55.1 82.7
77 63.4 50.8 76.2





#16
2,2'-oxybis(1-Chloropropane)
Concen: 86.458 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

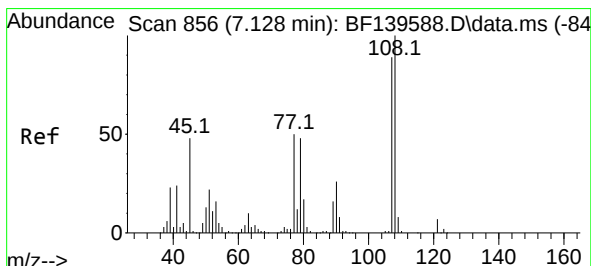
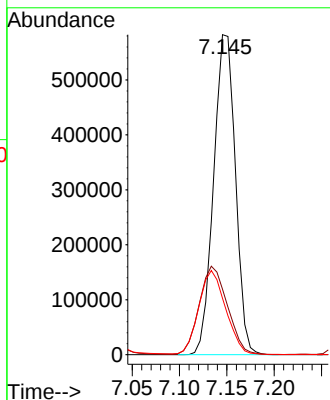
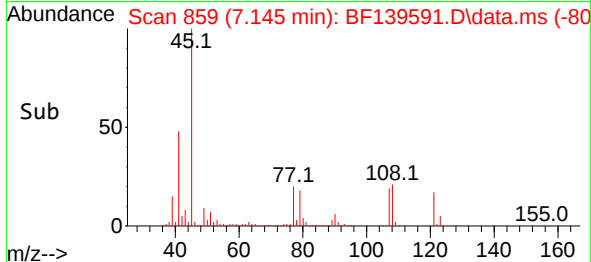
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 933473
Ion Ratio Lower Upper
45 100
77 20.5 0.0 32.5
79 17.6 0.0 29.7

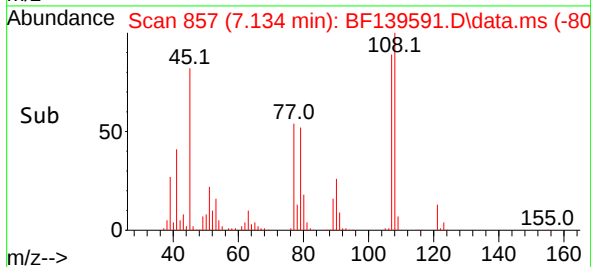
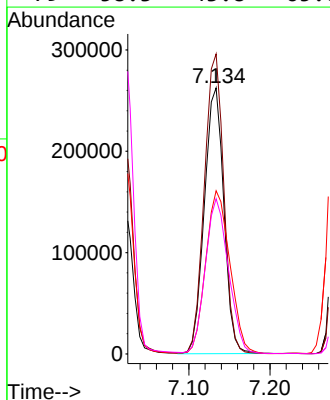
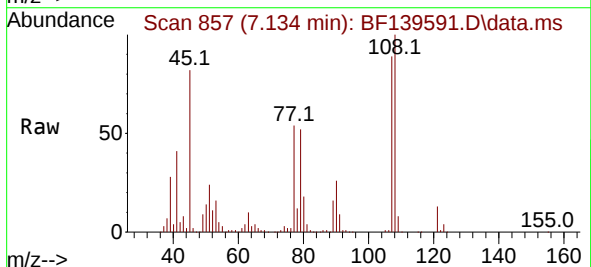
Manual Integrations
APPROVED

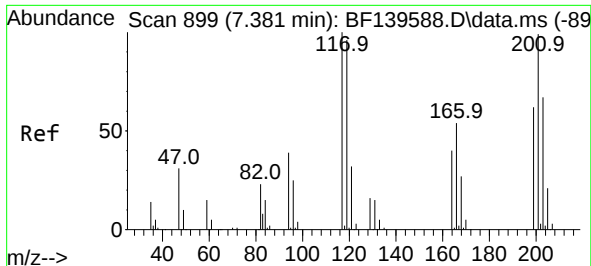
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#17
2-Methylphenol
Concen: 77.579 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:107 Resp: 437473
Ion Ratio Lower Upper
107 100
108 112.7 89.8 134.6
77 61.3 44.6 67.0
79 58.3 43.8 65.6





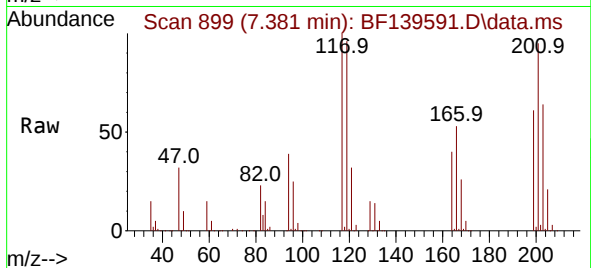
#18
Hexachloroethane
Concen: 70.820 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

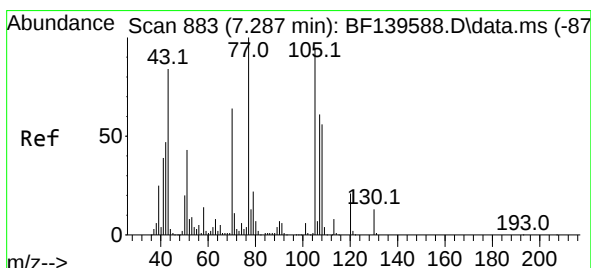
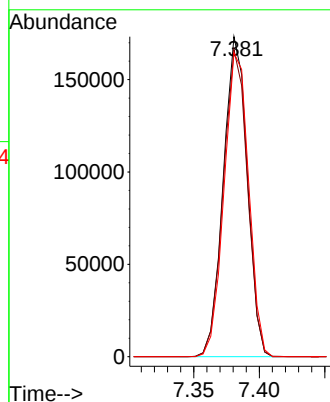
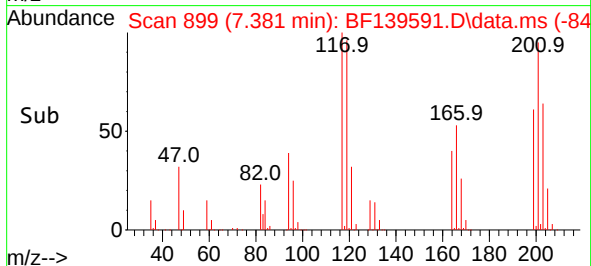
SSTDICC080



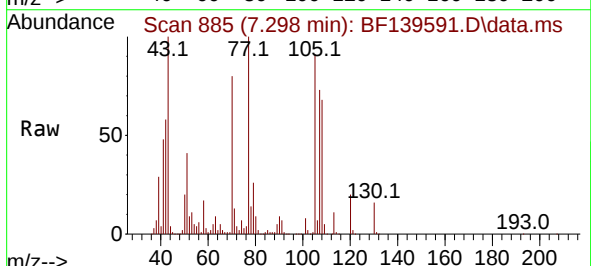
Tgt Ion:117 Resp: 220030
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6
201 94.9 79.2 118.8

Manual Integrations
APPROVED

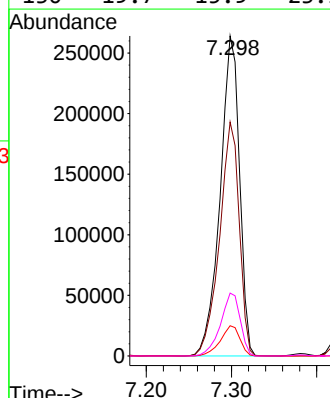
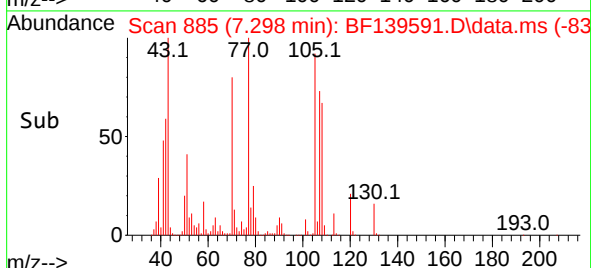
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

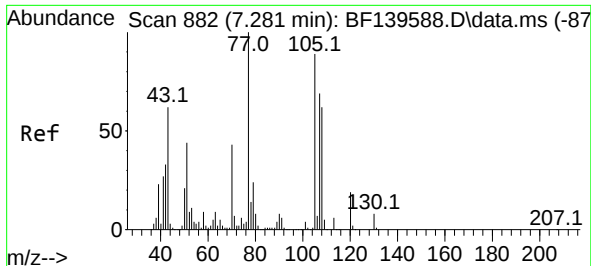


#19
n-Nitroso-di-n-propylamine
Concen: 77.704 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion: 70 Resp: 416727
Ion Ratio Lower Upper
70 100
42 73.1 58.0 87.0
101 9.4 7.8 11.8
130 19.7 15.9 23.9





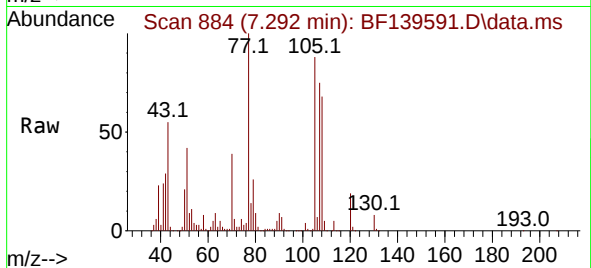
#20
3+4-Methylphenols
Concen: 67.513 ng
RT: 7.292 min Scan# 882
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

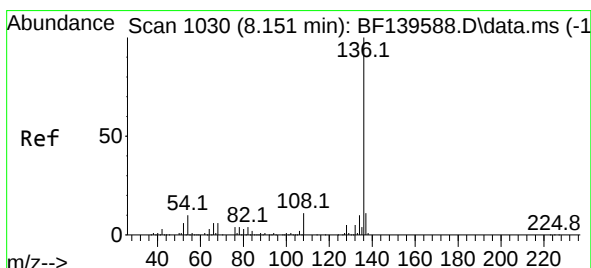
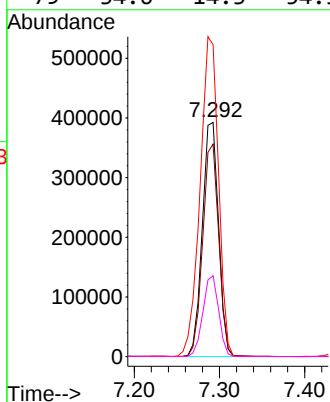
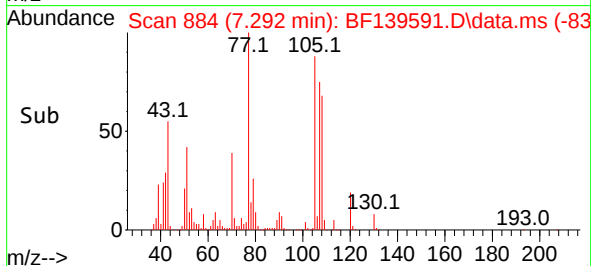


Tgt Ion:107 Resp: 519410
Ion Ratio Lower Upper
107 100
108 90.8 70.2 110.2
77 133.2 125.3 165.3
79 34.6 14.3 54.3

Manual Integrations

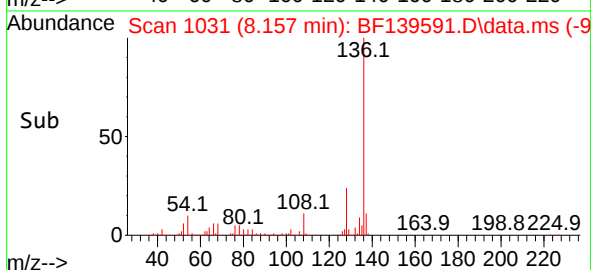
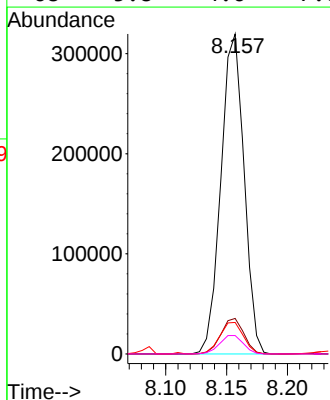
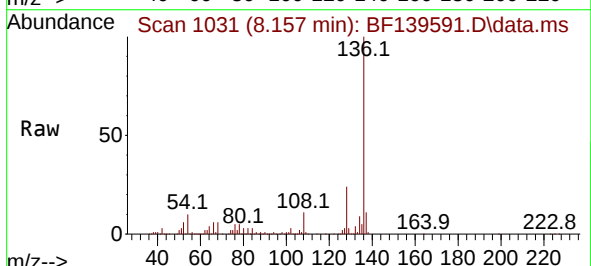
APPROVED

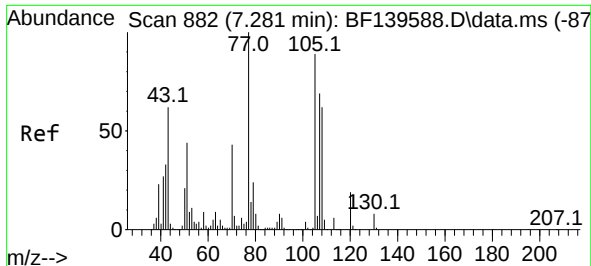
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:136 Resp: 422601
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 8.3 12.5
68 5.8 4.6 7.0





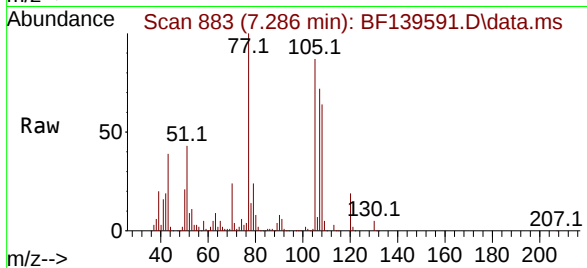
#22
Acetophenone
Concen: 66.778 ng
RT: 7.286 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



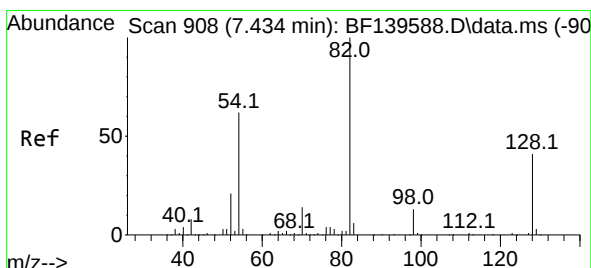
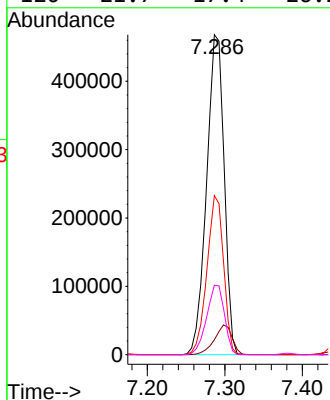
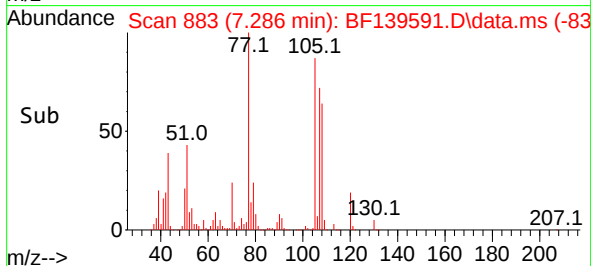
Tgt Ion:105 Resp: 73776
Ion Ratio Lower Upper
105 100
71 4.6 6.6 10.0
51 49.7 39.4 59.0
120 21.7 17.4 26.2

Manual Integrations

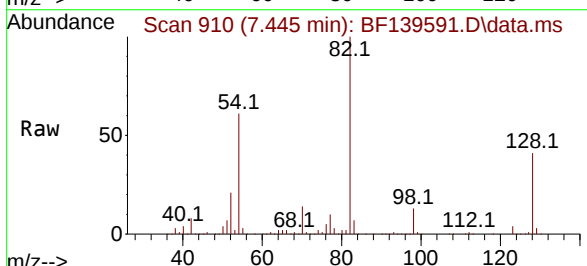
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

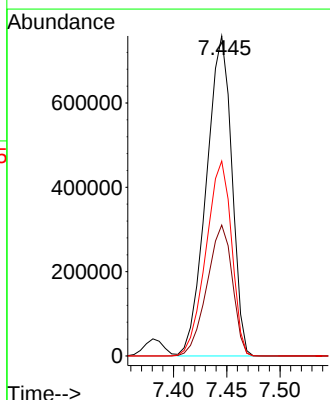
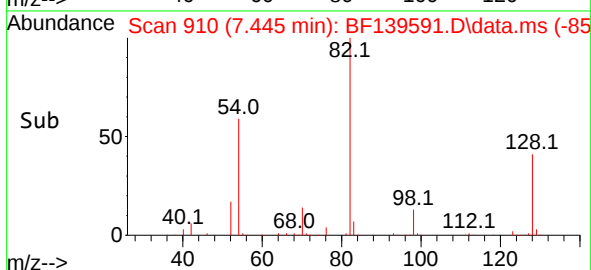
Supervised By :mohammad ahmed 10/04/2024

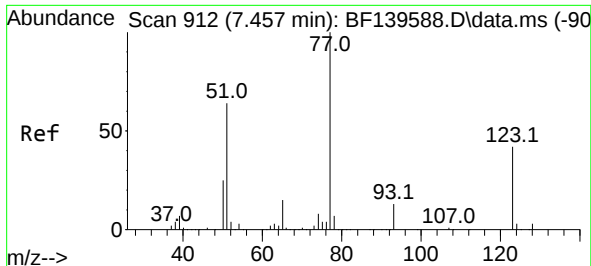


#23
Nitrobenzene-d5
Concen: 140.293 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion: 82 Resp: 1261141
Ion Ratio Lower Upper
82 100
128 40.9 32.4 48.6
54 60.9 49.1 73.7





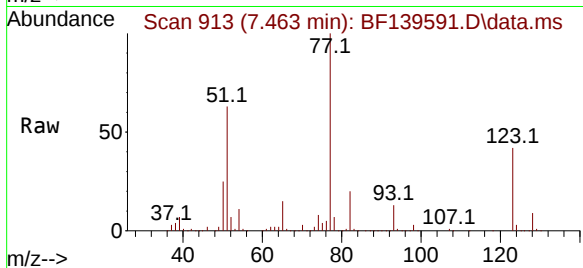
#24
Nitrobenzene
Concen: 72.272 ng
RT: 7.463 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

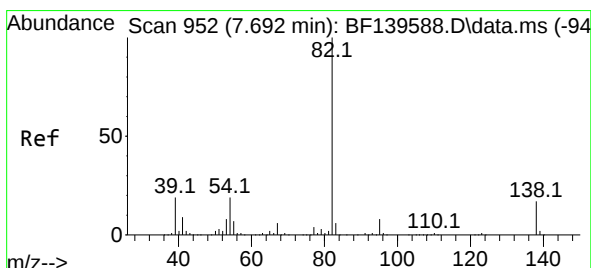
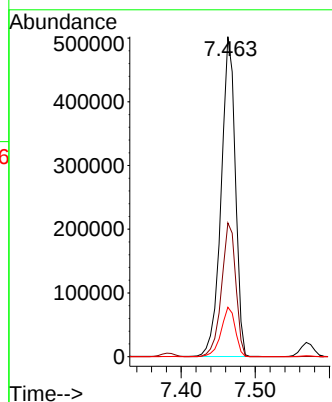
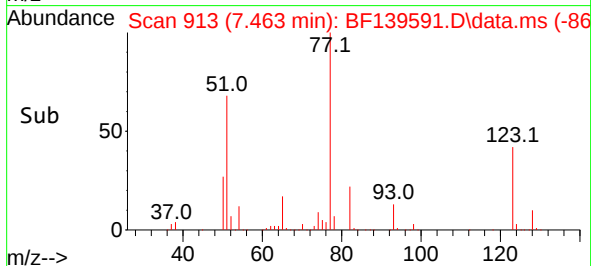


Tgt Ion: 77 Resp: 668652
Ion Ratio Lower Upper
77 100
123 41.8 34.2 51.4
65 15.5 12.1 18.1

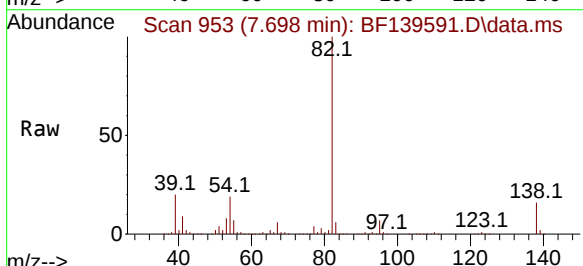
Manual Integrations

APPROVED

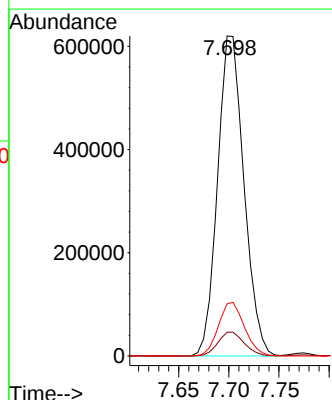
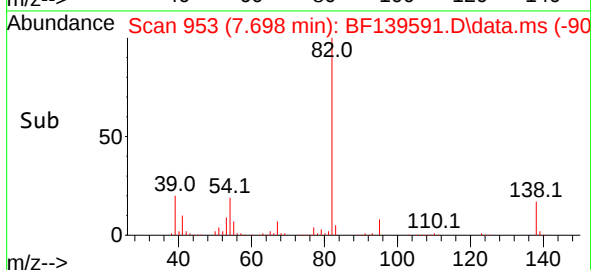
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

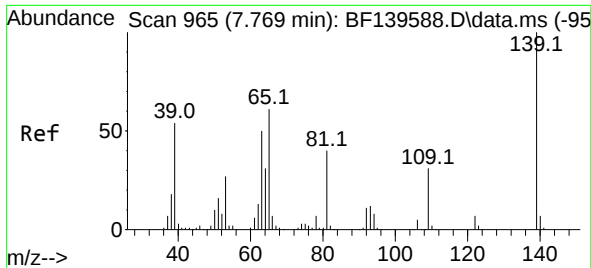


#25
Isophorone
Concen: 79.889 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion: 82 Resp: 1135763
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.3 13.4 20.2





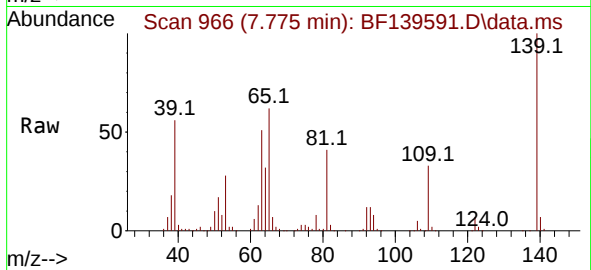
#26
2-Nitrophenol
Concen: 80.804 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

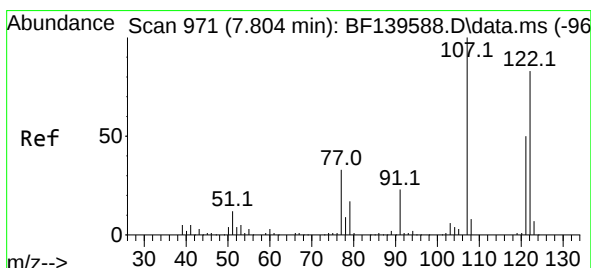
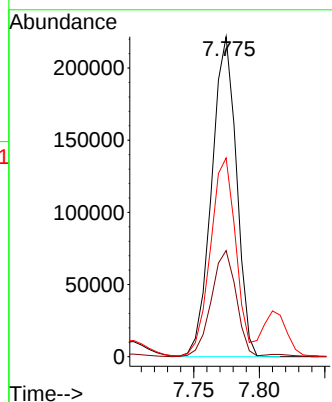
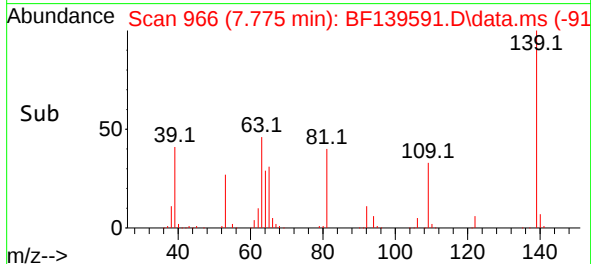


Tgt Ion:139 Resp: 291260
Ion Ratio Lower Upper
139 100
109 33.1 24.9 37.3
65 62.1 48.6 72.8

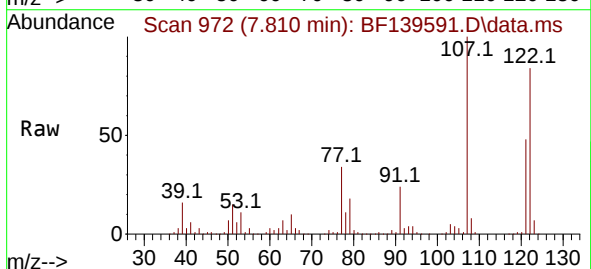
Manual Integrations

APPROVED

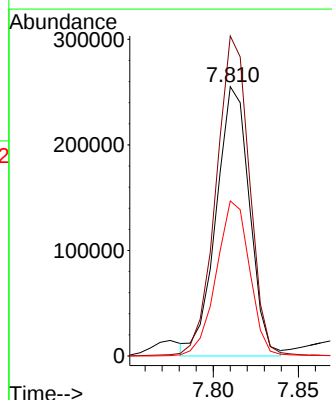
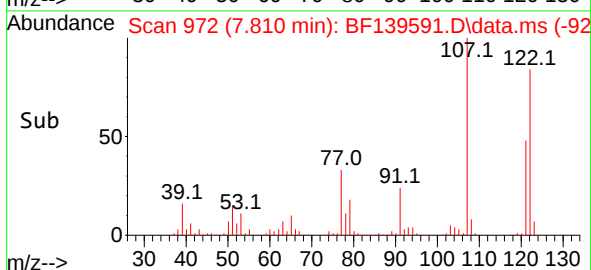
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

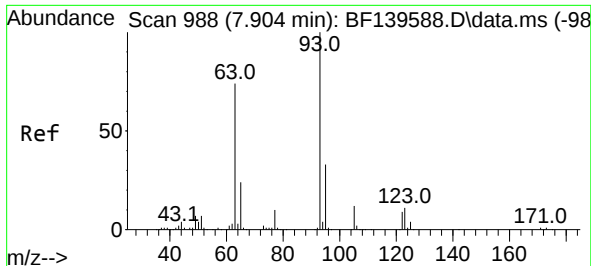


#27
2,4-Dimethylphenol
Concen: 73.344 ng m
RT: 7.810 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:122 Resp: 348726
Ion Ratio Lower Upper
122 100
107 118.8 95.4 143.0
121 57.5 47.4 71.2





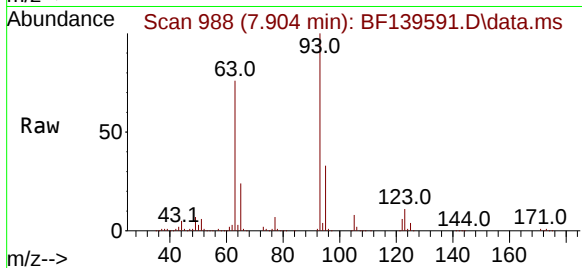
#28
bis(2-Chloroethoxy)methane
Concen: 81.081 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

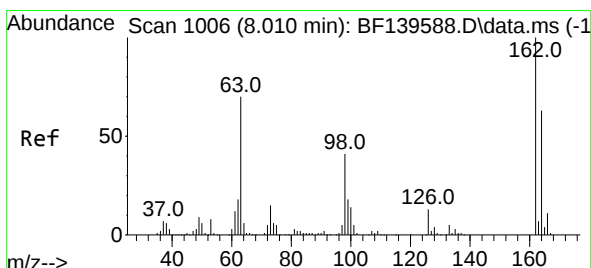
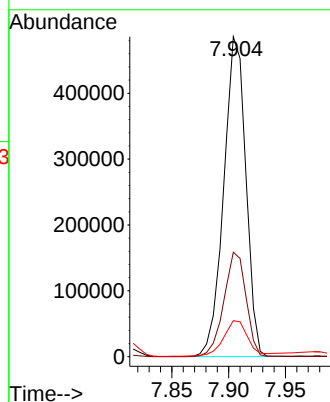
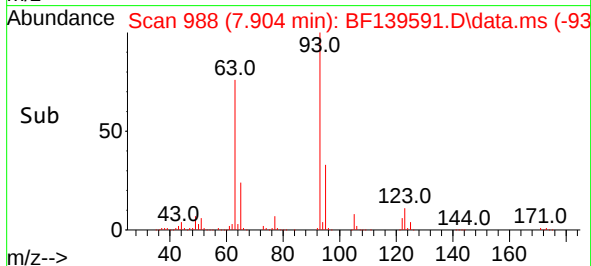


Tgt Ion: 93 Resp: 656959
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.2 9.4 14.0

Manual Integrations

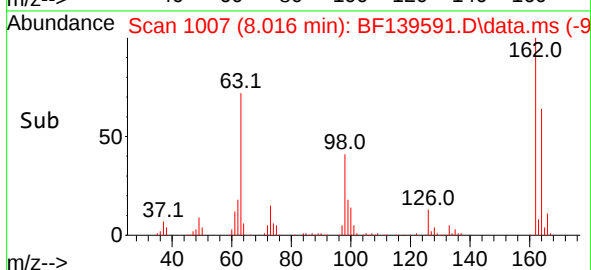
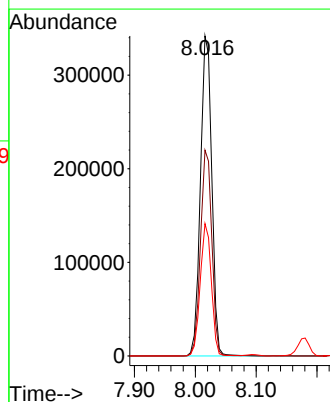
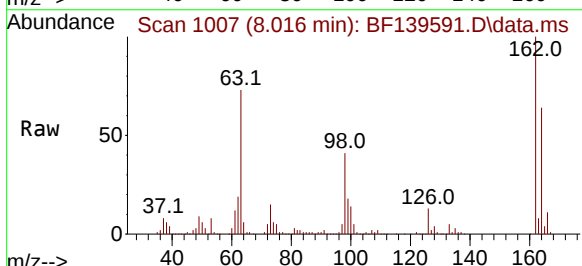
APPROVED

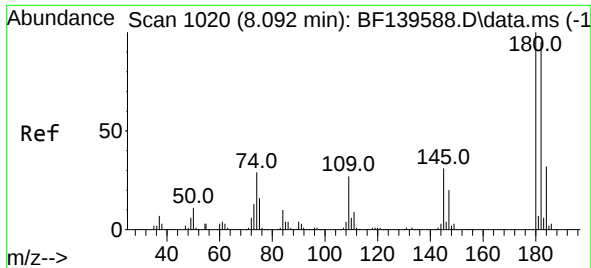
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#29
2,4-Dichlorophenol
Concen: 72.916 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:162 Resp: 440430
Ion Ratio Lower Upper
162 100
164 64.3 43.1 83.1
98 41.3 20.8 60.8





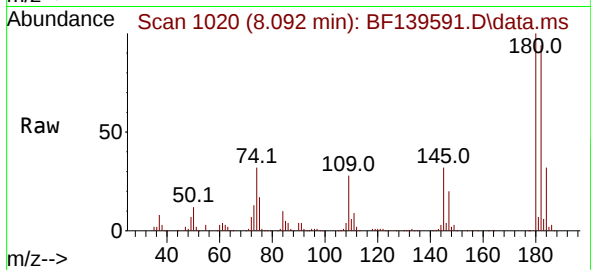
#30
1,2,4-Trichlorobenzene
Concen: 70.768 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



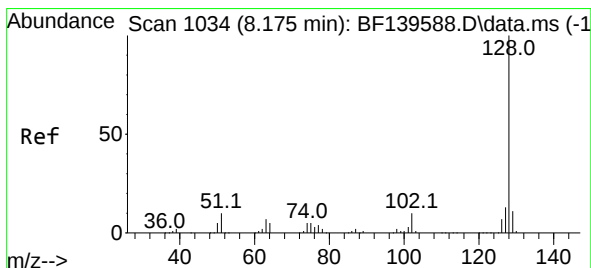
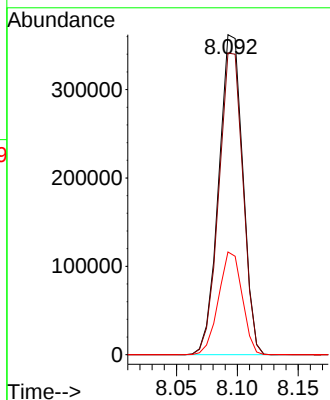
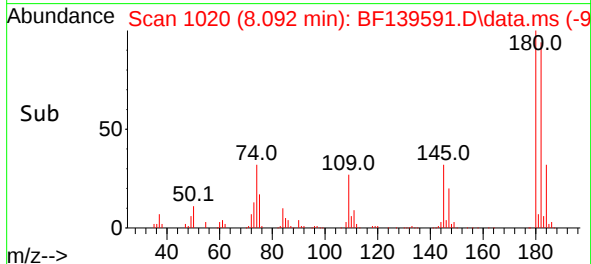
Tgt Ion:180 Resp: 498050
Ion Ratio Lower Upper
180 100
182 94.2 76.0 114.0
145 32.1 25.0 37.6

Manual Integrations

APPROVED

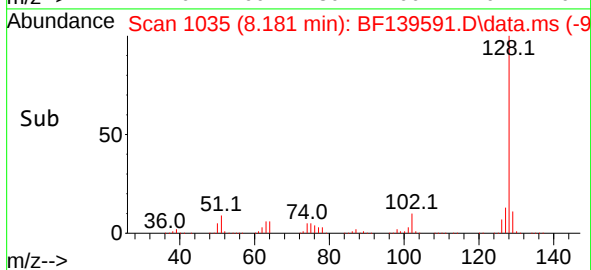
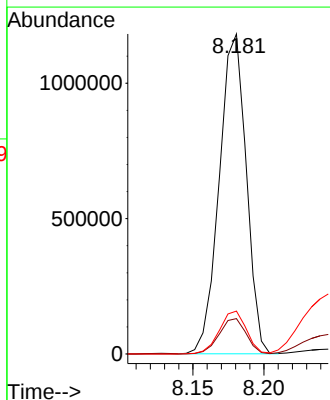
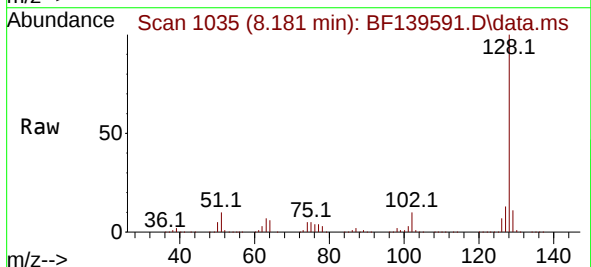
Reviewed By :Yogesh Patel 10/02/2024

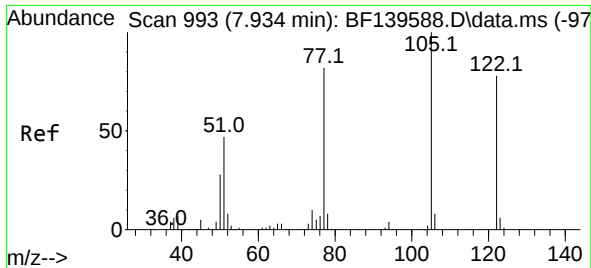
Supervised By :mohammad ahmed 10/04/2024



#31
Naphthalene
Concen: 70.742 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:128 Resp: 1560737
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.5 15.7





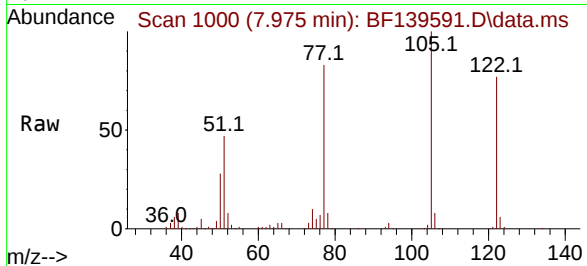
#32
Benzoic acid
Concen: 90.992 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.041 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



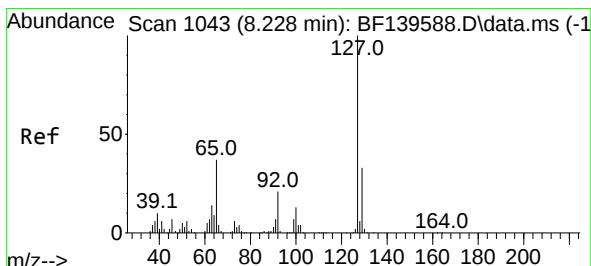
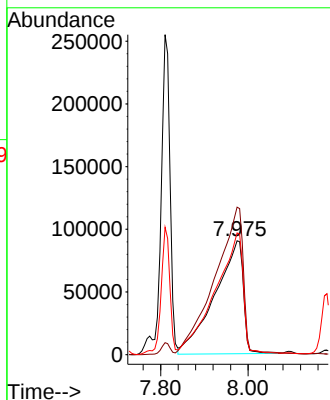
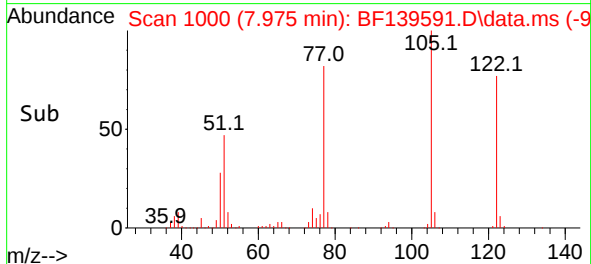
Tgt Ion:122 Resp: 404875
Ion Ratio Lower Upper
122 100
105 129.5 104.9 144.9
77 107.0 82.7 122.7

Manual Integrations

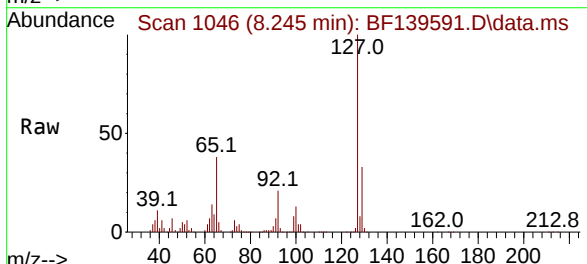
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

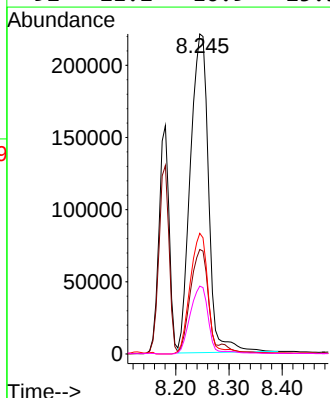
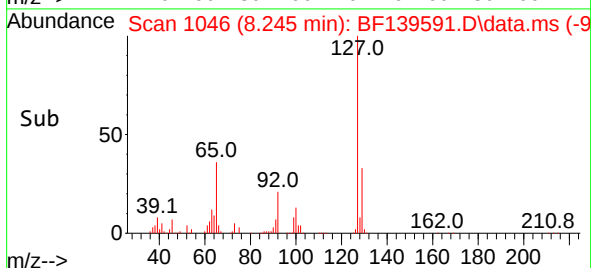
Supervised By :mohammad ahmed 10/04/2024

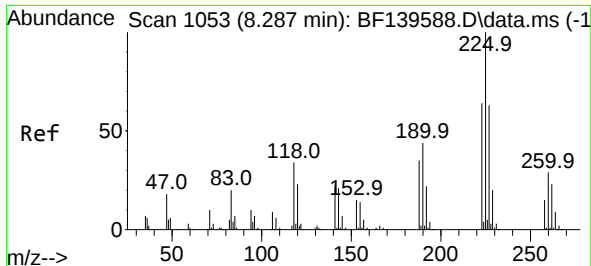


#33
4-Chloroaniline
Concen: 77.720 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:127 Resp: 524564
Ion Ratio Lower Upper
127 100
129 32.7 26.2 39.4
65 37.7 29.3 43.9
92 21.2 16.9 25.3





#34
Hexachlorobutadiene
Concen: 66.764 ng
RT: 8.292 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

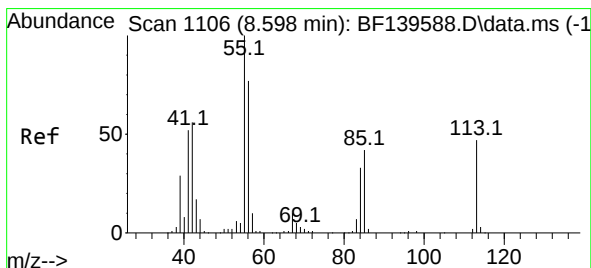
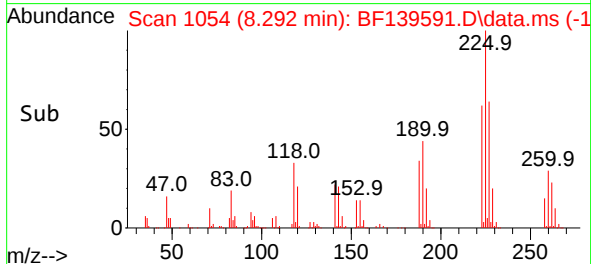
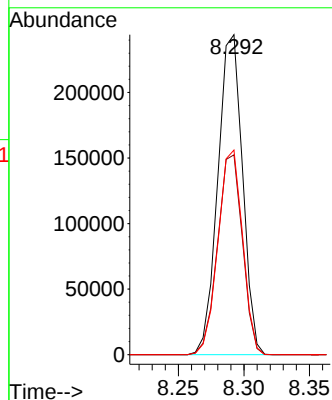
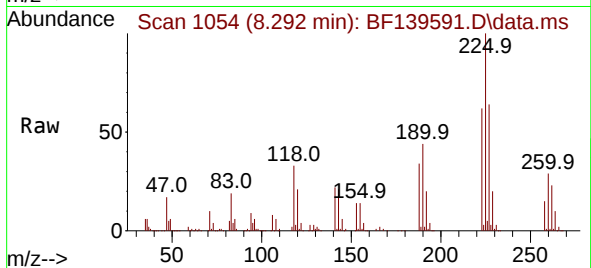
SSTDICC080

Tgt Ion:225 Resp: 31923
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 64.0 50.7 76.1

Manual Integrations

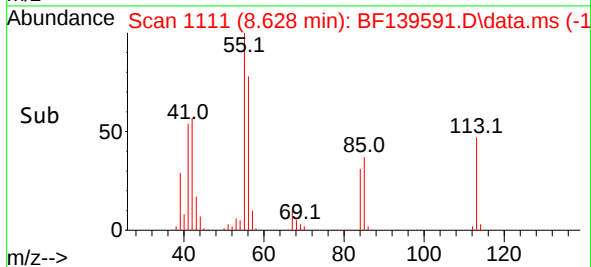
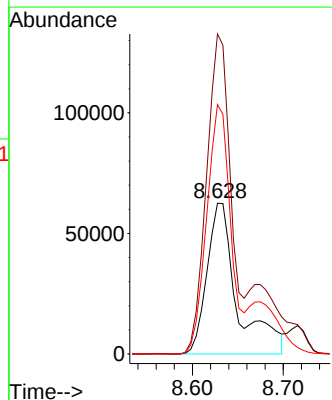
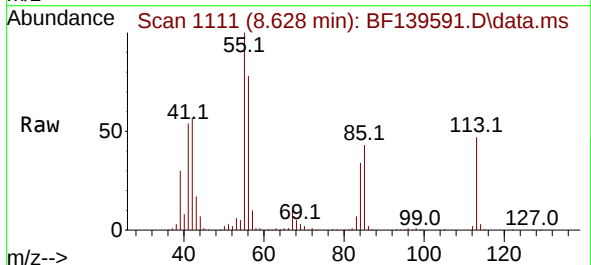
APPROVED

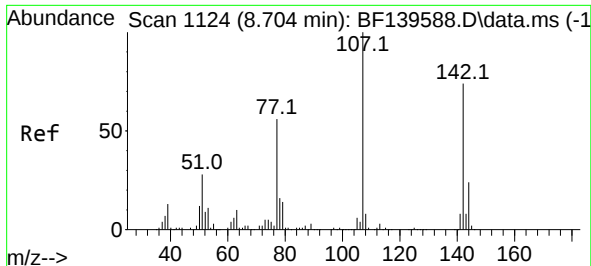
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#35
Caprolactam
Concen: 78.314 ng m
RT: 8.628 min Scan# 1111
Delta R.T. 0.029 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

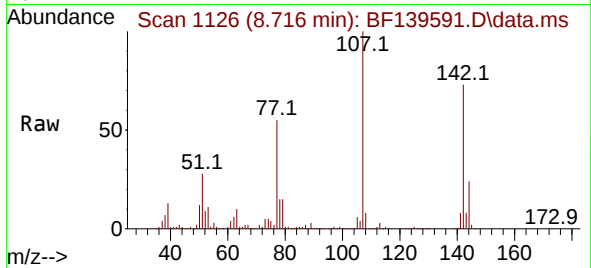
Tgt Ion:113 Resp: 145512
Ion Ratio Lower Upper
113 100
55 212.3 193.4 233.4
56 165.4 143.8 183.8





#36
4-Chloro-3-methylphenol
Concen: 73.325 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

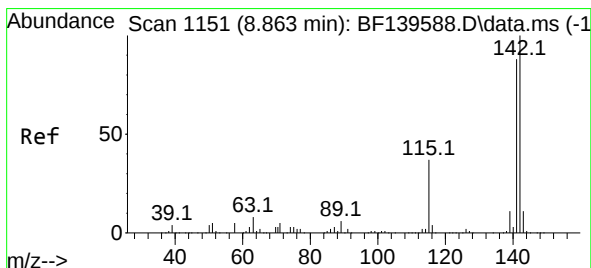
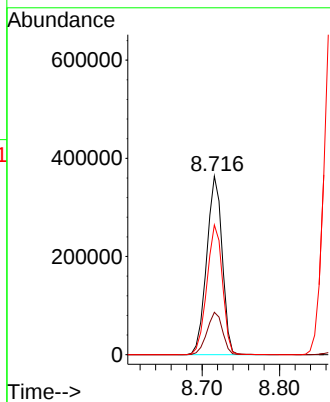
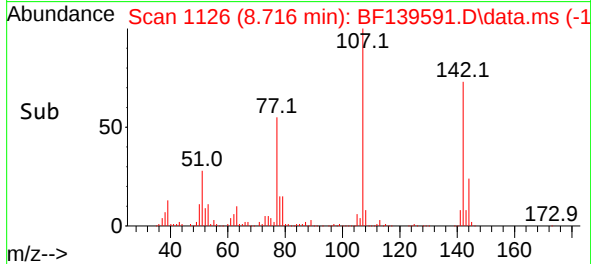
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



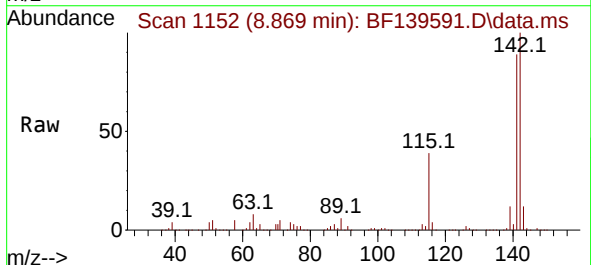
Tgt Ion:107 Resp: 506172
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 72.7 59.2 88.8

Manual Integrations
APPROVED

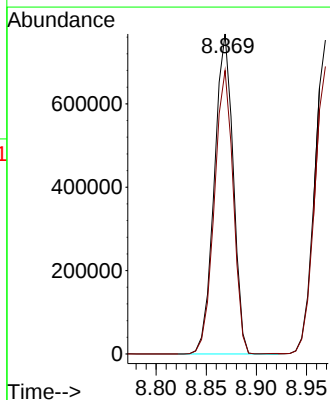
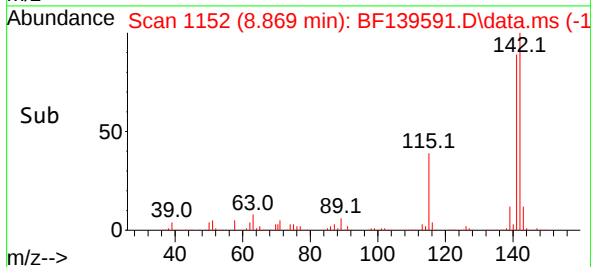
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

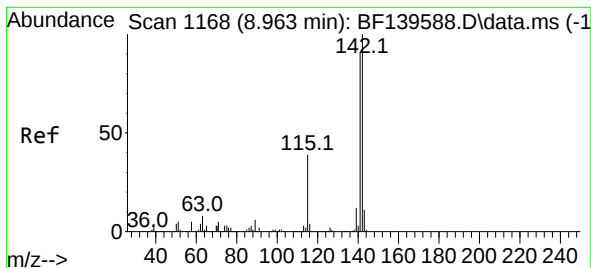


#37
2-Methylnaphthalene
Concen: 71.669 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:142 Resp: 1003622
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6





#38

1-Methylnaphthalene

Concen: 71.421 ng

RT: 8.969 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 98191

Ion Ratio Lower Upper

142 100

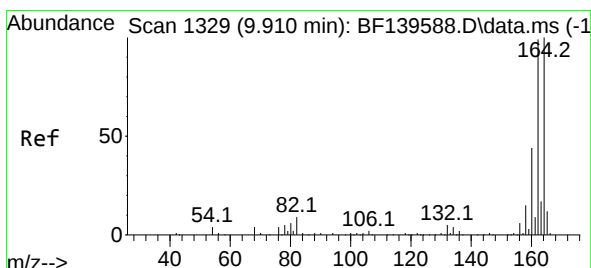
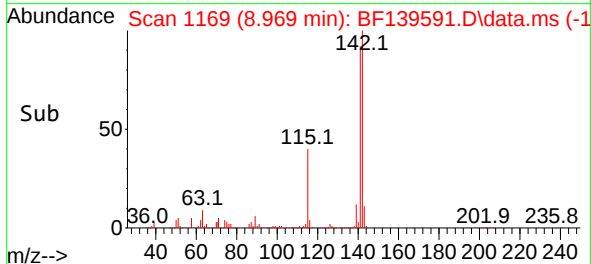
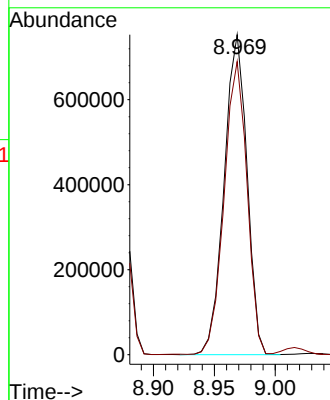
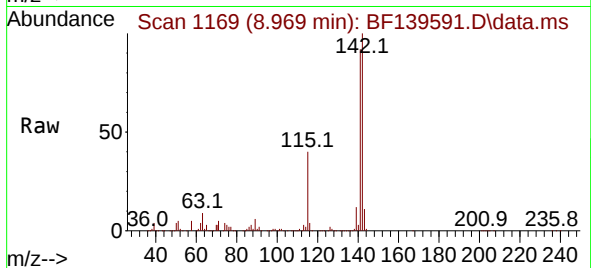
141 91.6 73.0 109.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

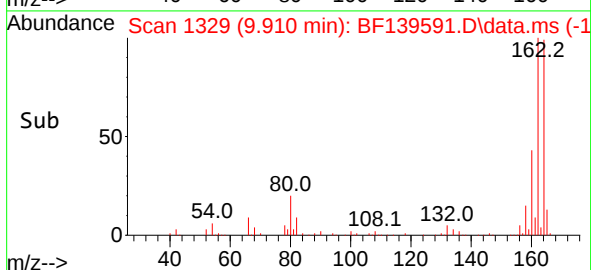
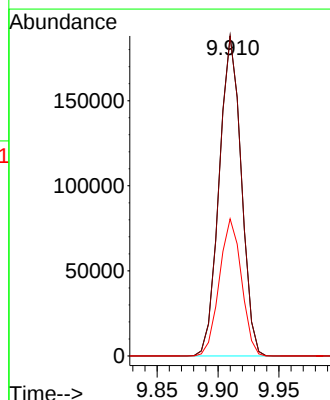
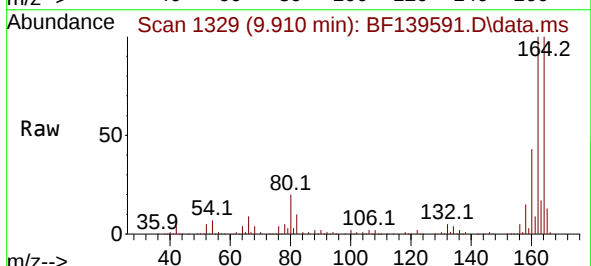
Tgt Ion:164 Resp: 237106

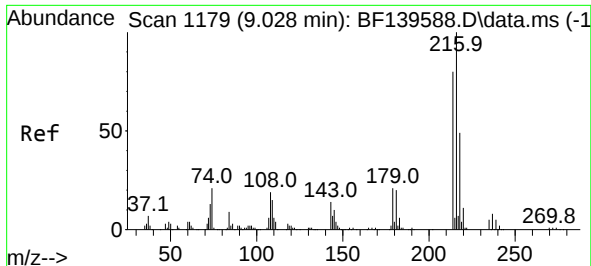
Ion Ratio Lower Upper

164 100

162 99.8 79.4 119.0

160 42.9 35.1 52.7





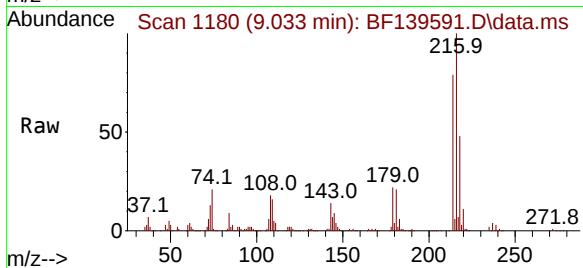
#40
1,2,4,5-Tetrachlorobenzene
Concen: 68.424 ng
RT: 9.033 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

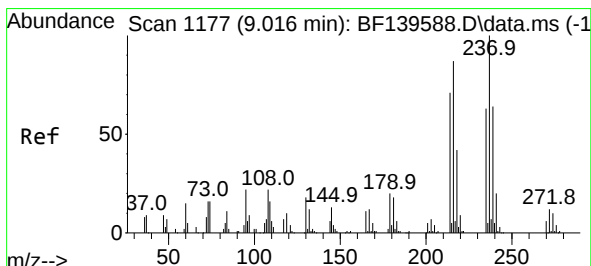
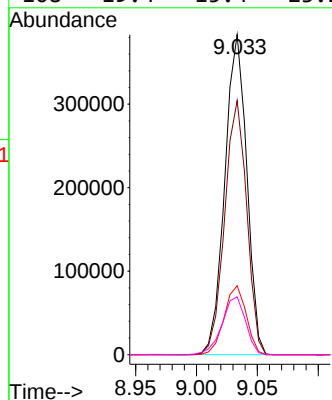
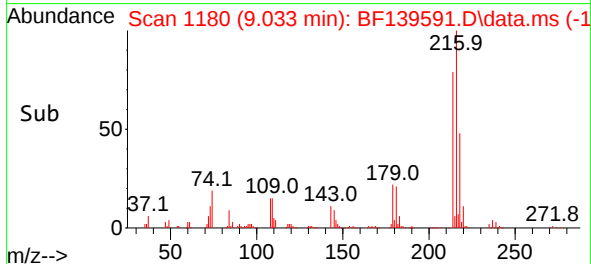


Tgt Ion:216 Resp: 480823
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 21.7 16.9 25.3
108 19.4 15.4 23.2

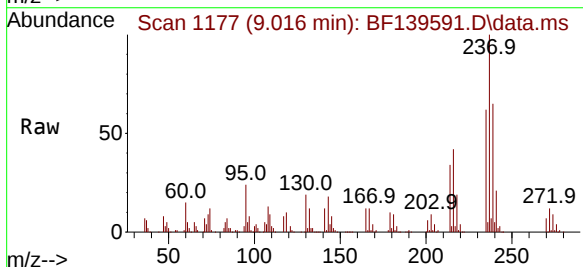
Manual Integrations

APPROVED

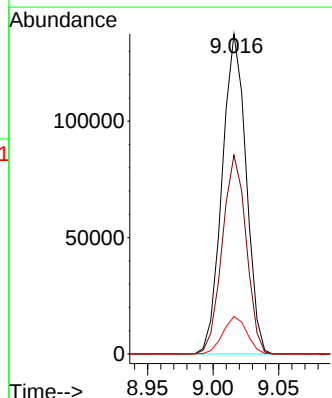
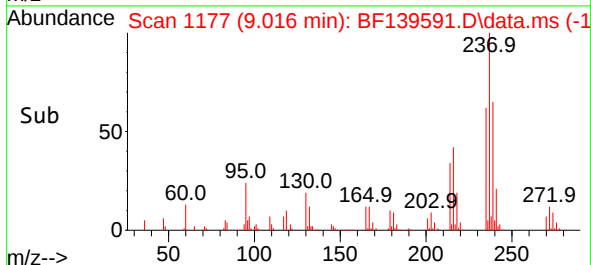
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

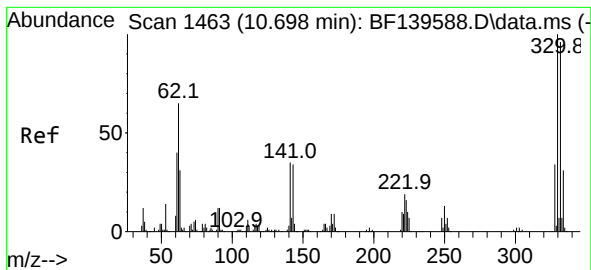


#41
Hexachlorocyclopentadiene
Concen: 71.093 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:237 Resp: 174431
Ion Ratio Lower Upper
237 100
235 62.2 42.5 82.5
272 11.7 0.0 32.1





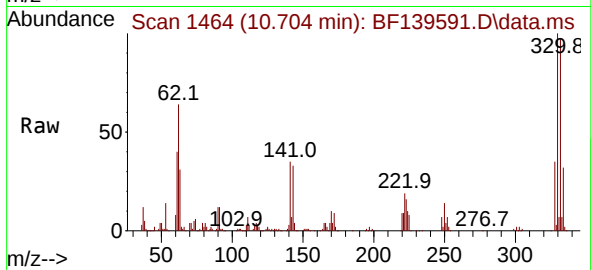
#42
2,4,6-Tribromophenol
Concen: 132.799 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



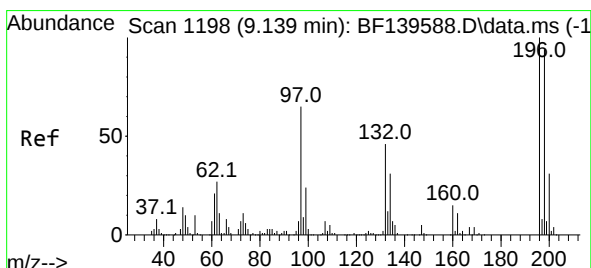
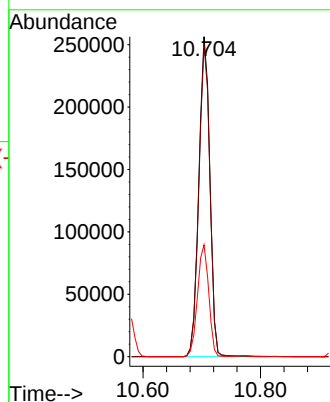
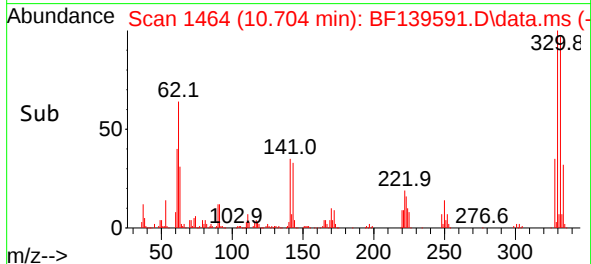
Tgt Ion:330 Resp: 33522
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 35.4 29.3 43.9

Manual Integrations

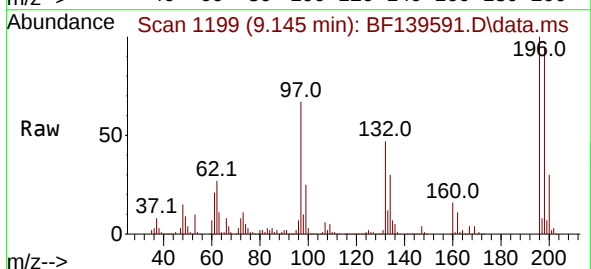
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

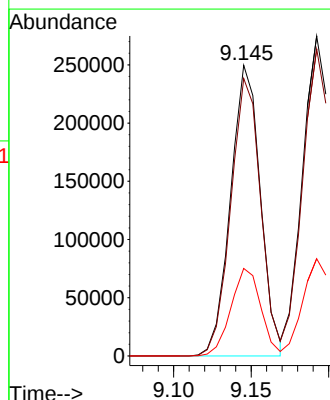
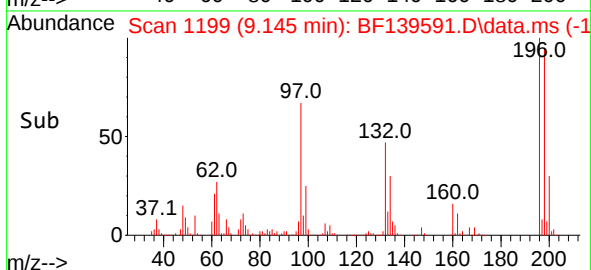
Supervised By :mohammad ahmed 10/04/2024

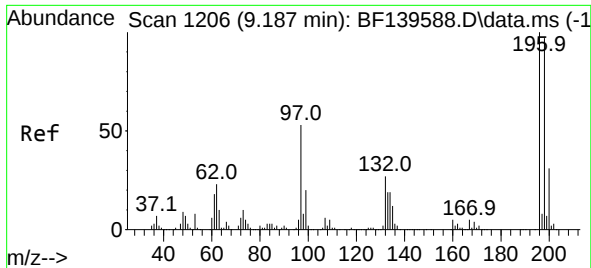


#43
2,4,6-Trichlorophenol
Concen: 72.963 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:196 Resp: 333572
Ion Ratio Lower Upper
196 100
198 95.4 75.2 112.8
200 30.1 24.6 37.0





#44
2,4,5-Trichlorophenol
Concen: 74.426 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

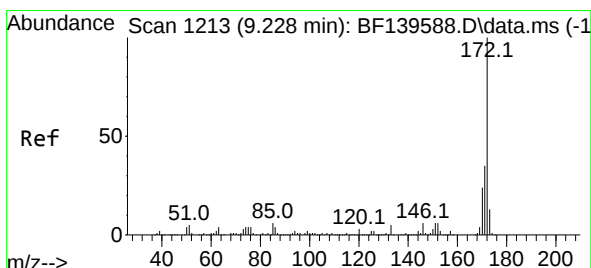
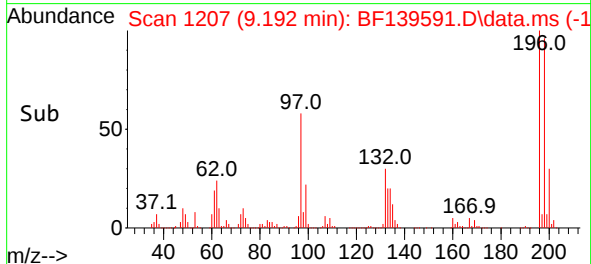
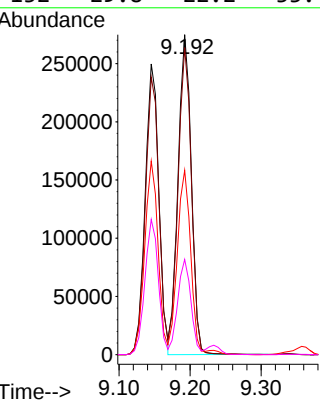
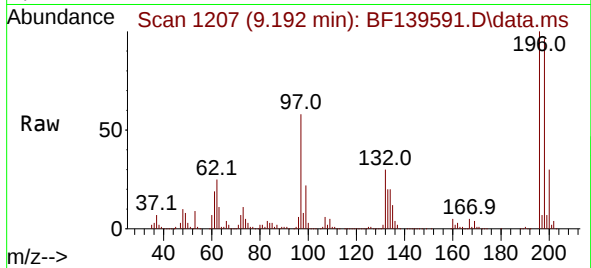
SSTDICC080

Tgt Ion:196 Resp: 358918
Ion Ratio Lower Upper
196 100
198 95.9 77.5 116.3
97 57.6 43.1 64.7
132 29.8 22.2 33.4

Manual Integrations

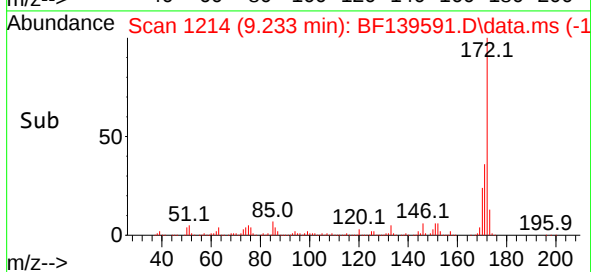
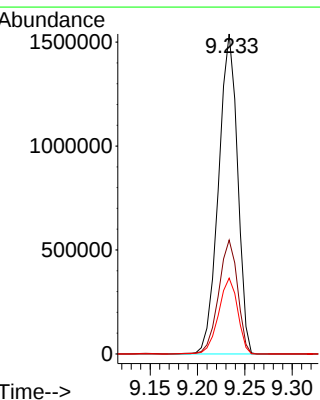
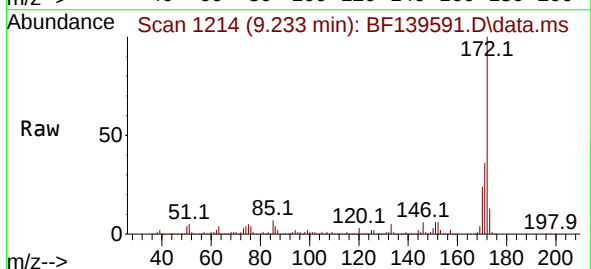
APPROVED

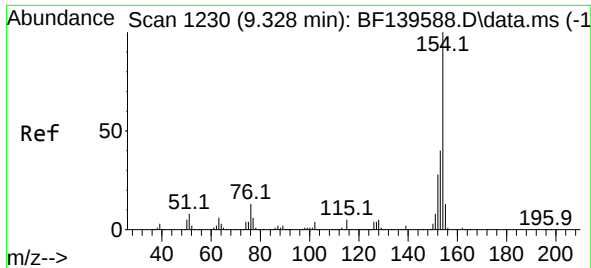
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#45
2-Fluorobiphenyl
Concen: 126.936 ng
RT: 9.233 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

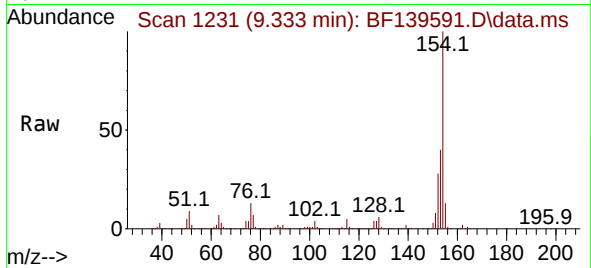
Tgt Ion:172 Resp: 2145948
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.7 18.8 28.2





#46
1,1'-Biphenyl
Concen: 69.380 ng
RT: 9.333 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

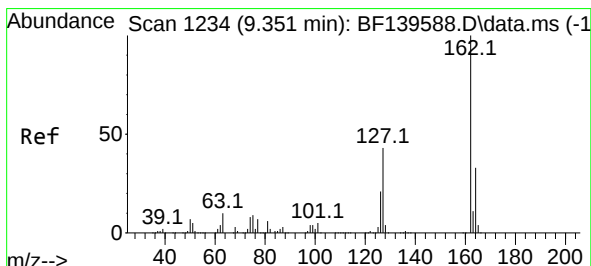
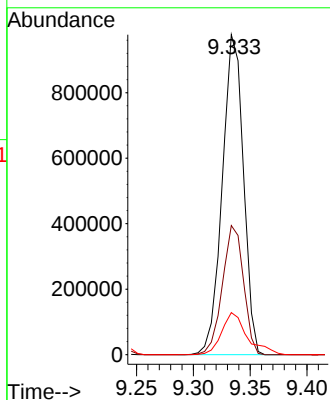
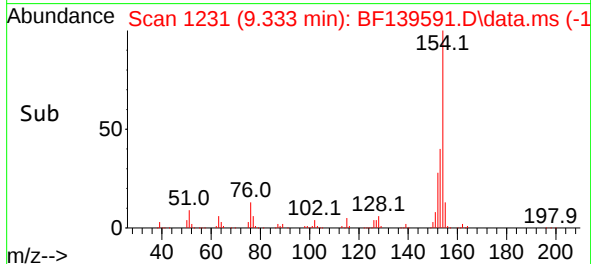
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



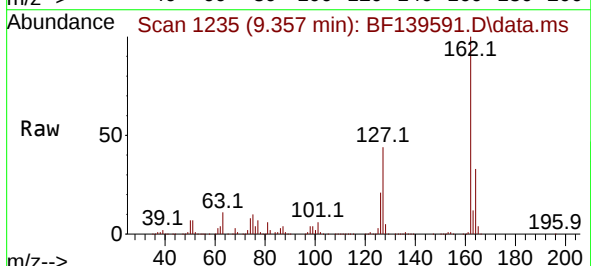
Tgt Ion:154 Resp: 1265584
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 13.2 0.0 32.6

Manual Integrations
APPROVED

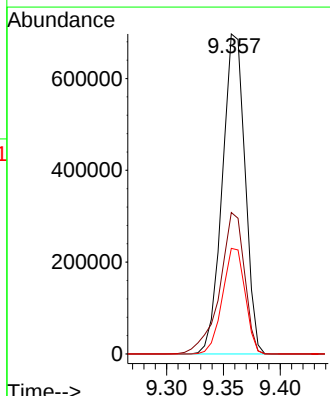
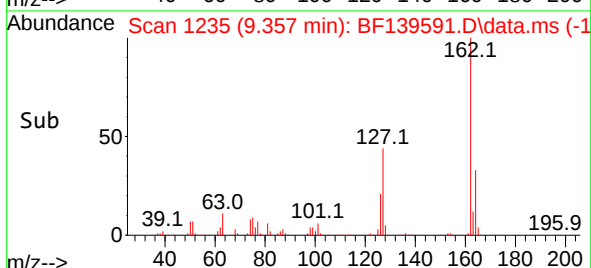
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

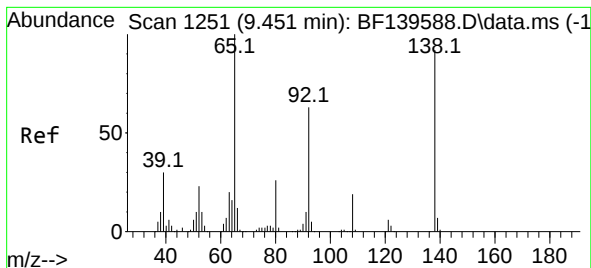


#47
2-Chloronaphthalene
Concen: 71.105 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:162 Resp: 969800
Ion Ratio Lower Upper
162 100
127 44.2 35.0 52.4
164 33.0 26.1 39.1





#48

2-Nitroaniline

Concen: 73.808 ng

RT: 9.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 65 Resp: 37442

Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

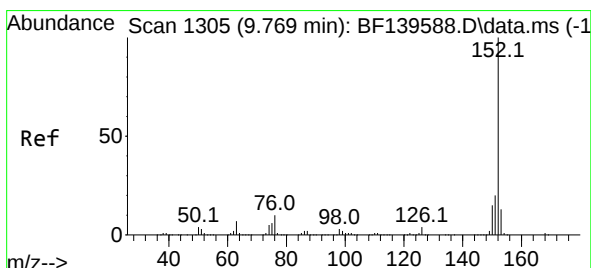
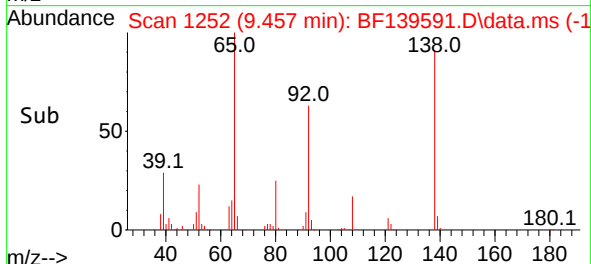
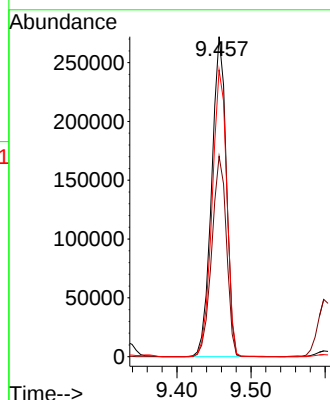
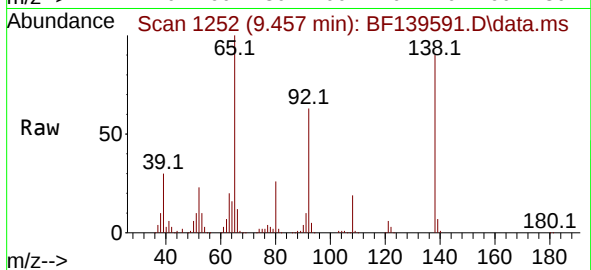
138 89.7 73.8 110.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#49

Acenaphthylene

Concen: 69.743 ng

RT: 9.775 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

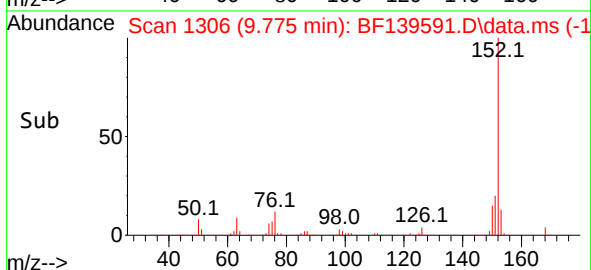
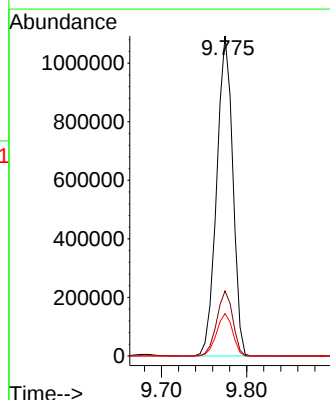
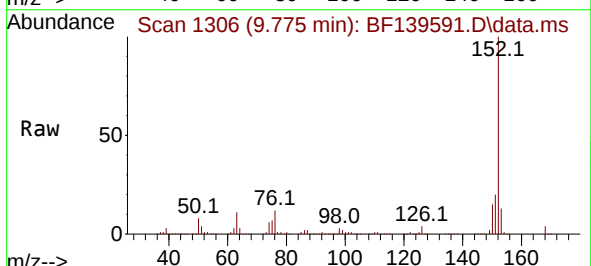
Tgt Ion:152 Resp: 1431863

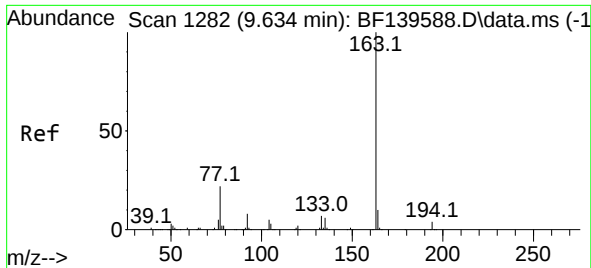
Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.5 15.7





#50
Dimethylphthalate
Concen: 74.127 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

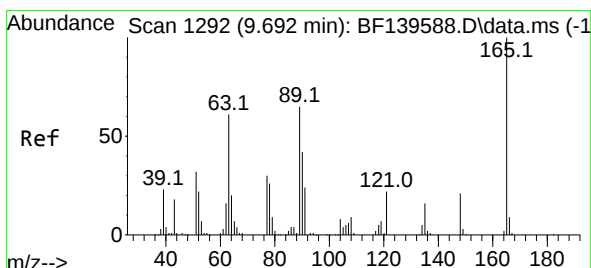
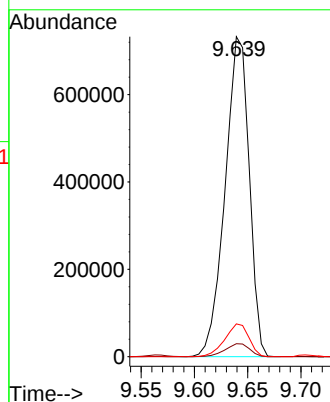
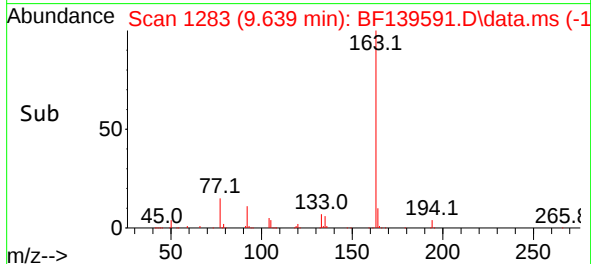
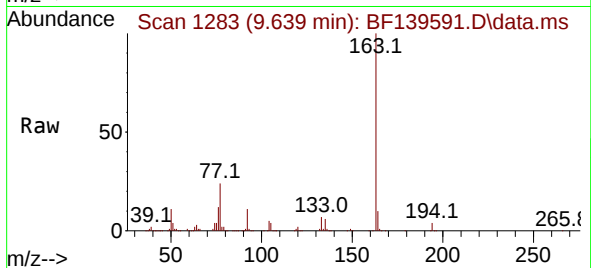
SSTDICC080

Tgt Ion:163 Resp: 115358
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

Manual Integrations

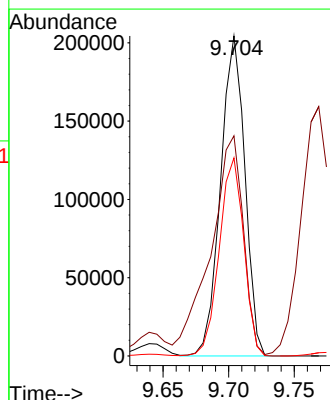
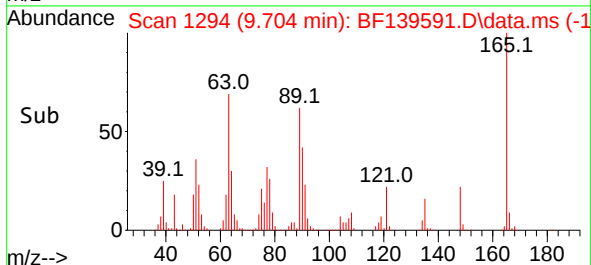
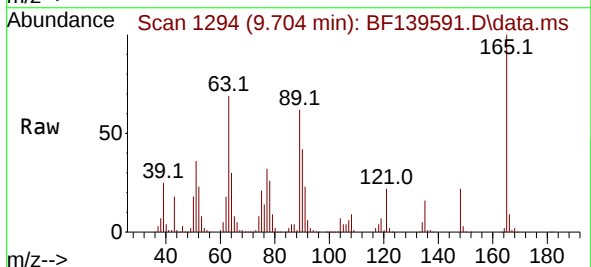
APPROVED

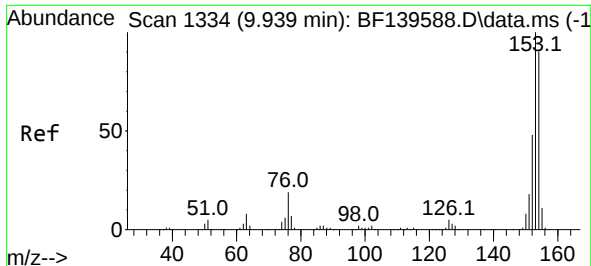
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#51
2,6-Dinitrotoluene
Concen: 76.216 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:165 Resp: 262758
Ion Ratio Lower Upper
165 100
63 68.8 56.7 85.1
89 61.9 51.6 77.4





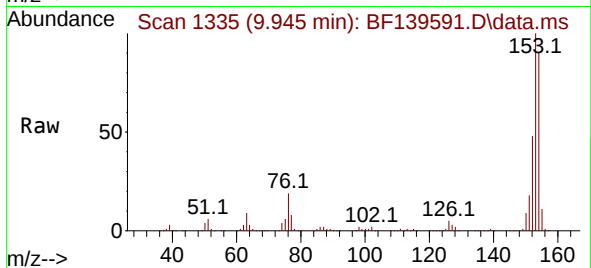
#52
Acenaphthene
Concen: 70.420 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



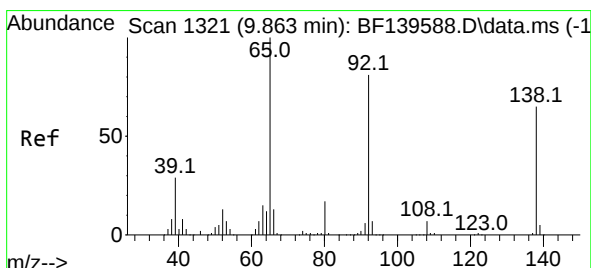
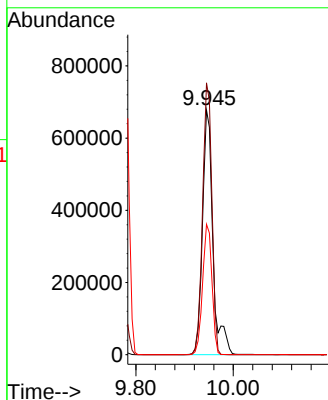
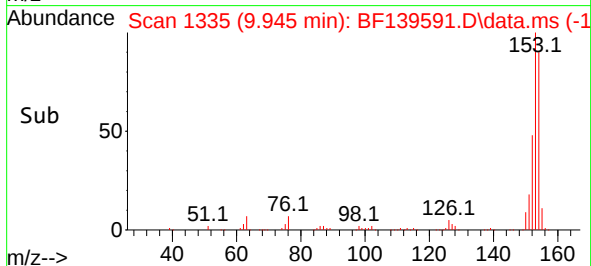
Tgt Ion:154 Resp: 100903
Ion Ratio Lower Upper
154 100
153 111.2 88.8 133.2
152 53.3 42.5 63.7

Manual Integrations

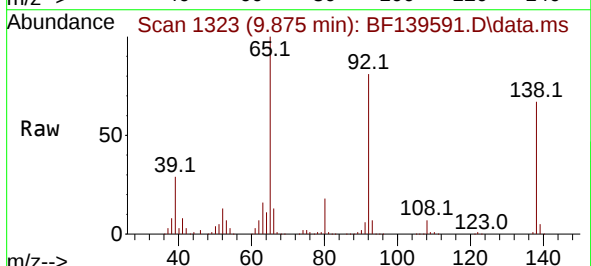
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

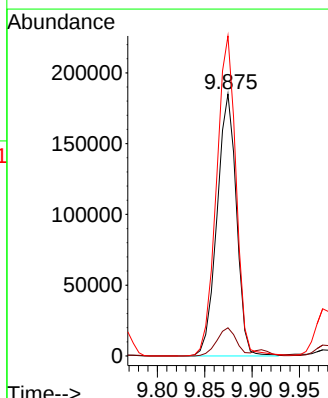
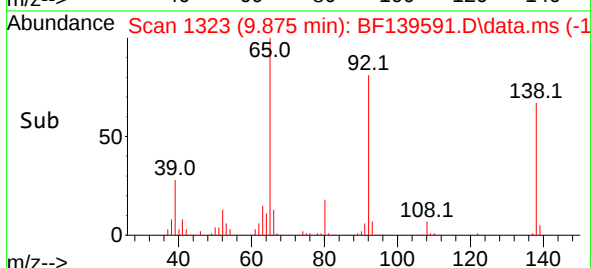
Supervised By :mohammad ahmed 10/04/2024

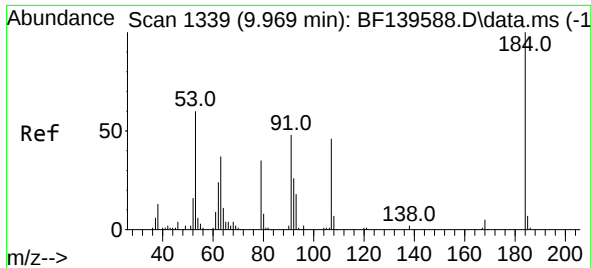


#53
3-Nitroaniline
Concen: 76.591 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:138 Resp: 263885
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 122.2 100.0 150.0





#54
2,4-Dinitrophenol
Concen: 85.614 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

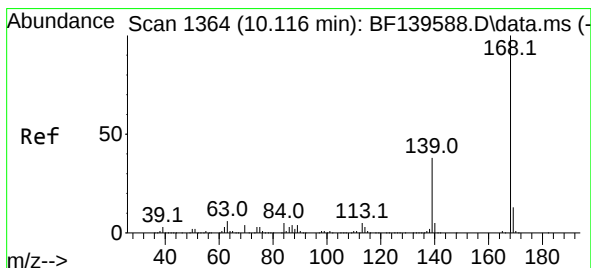
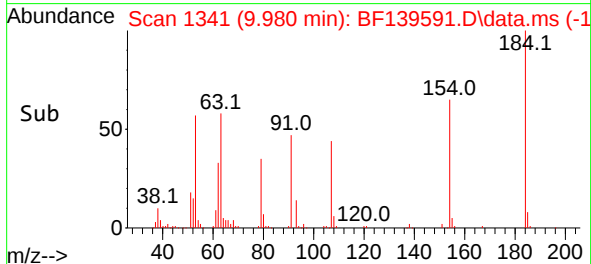
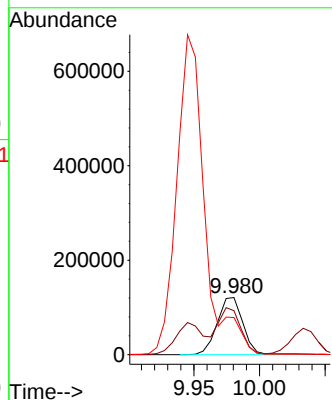
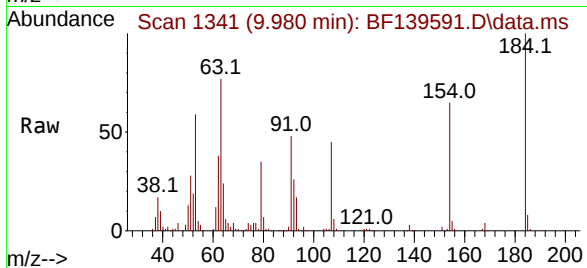
SSTDICC080

Tgt Ion:184 Resp: 16446
Ion Ratio Lower Upper
184 100
63 76.9 61.7 92.5
154 65.0 53.0 79.4

Manual Integrations

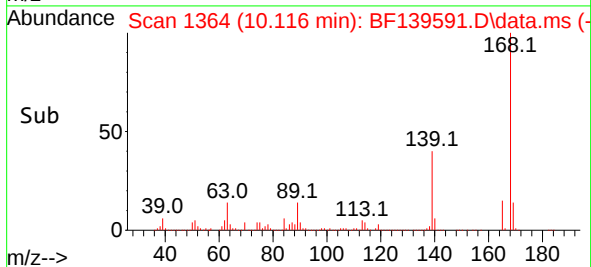
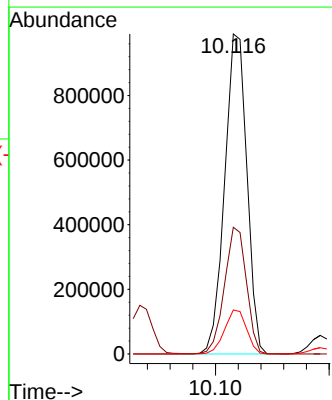
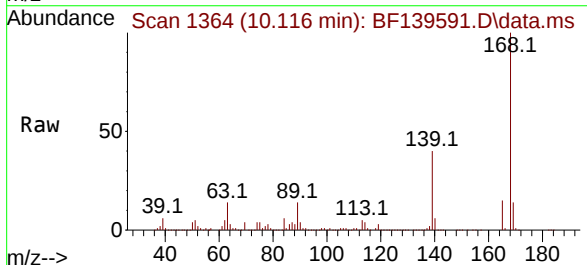
APPROVED

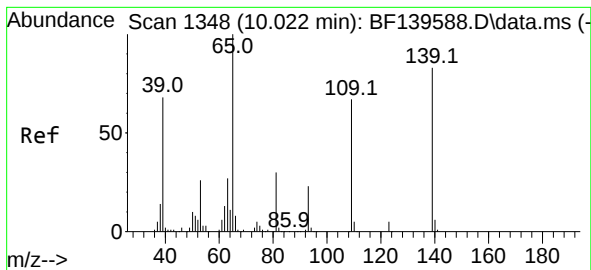
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#55
Dibenzofuran
Concen: 67.327 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

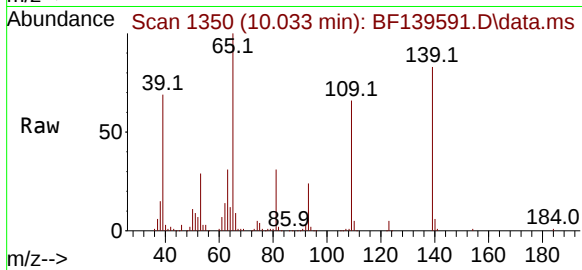
Tgt Ion:168 Resp: 1344630
Ion Ratio Lower Upper
168 100
139 39.6 30.4 45.6
169 13.8 10.7 16.1





#56
4-Nitrophenol
Concen: 72.675 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

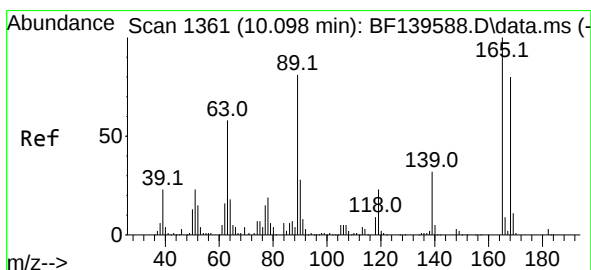
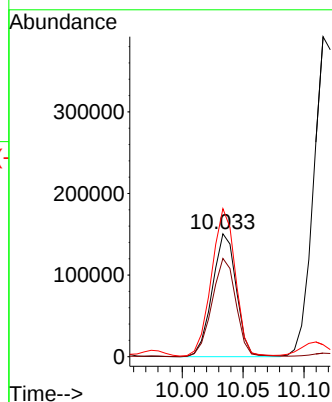
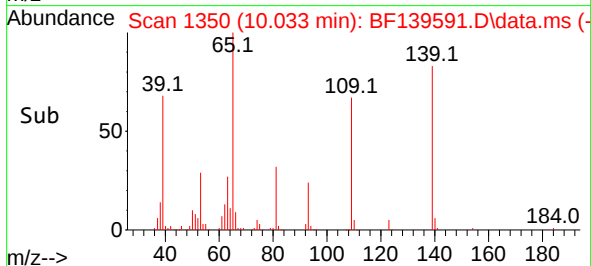
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



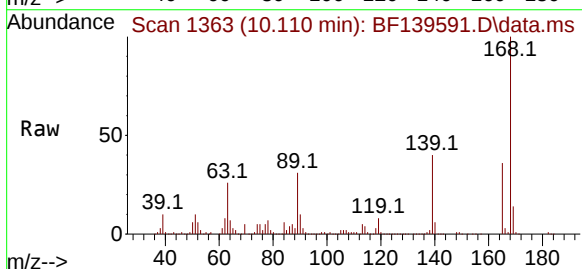
Tgt Ion:139 Resp: 207189
Ion Ratio Lower Upper
139 100
109 79.9 60.3 100.3
65 120.4 100.8 140.8

Manual Integrations
APPROVED

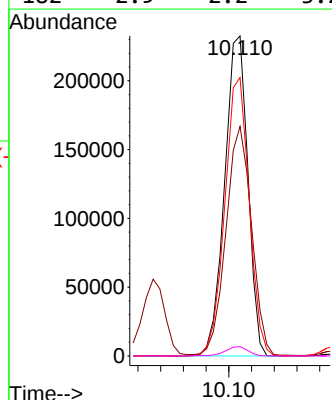
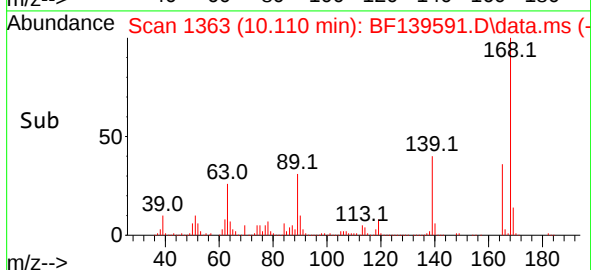
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

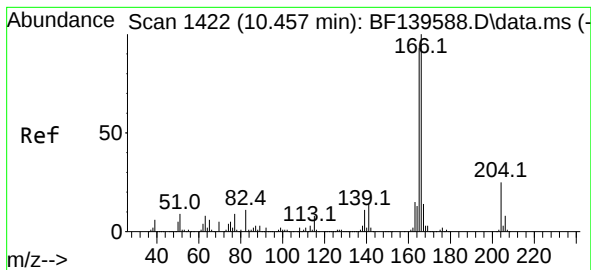


#57
2,4-Dinitrotoluene
Concen: 70.930 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



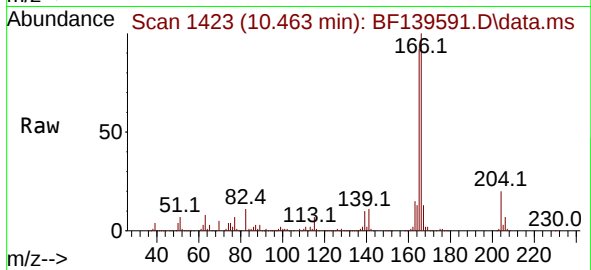
Tgt Ion:165 Resp: 330141
Ion Ratio Lower Upper
165 100
63 71.7 46.9 70.3#
89 87.0 64.4 96.6
182 2.9 2.2 3.2





#58
Fluorene
Concen: 65.871 ng
RT: 10.463 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

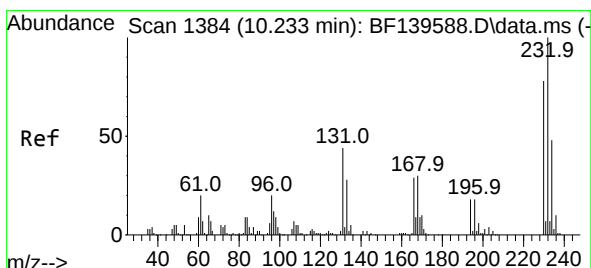
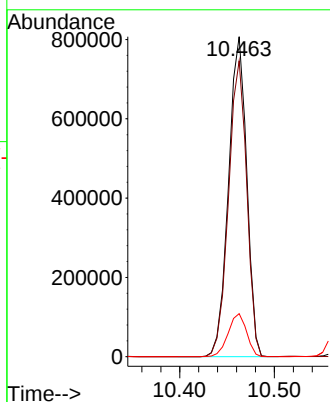
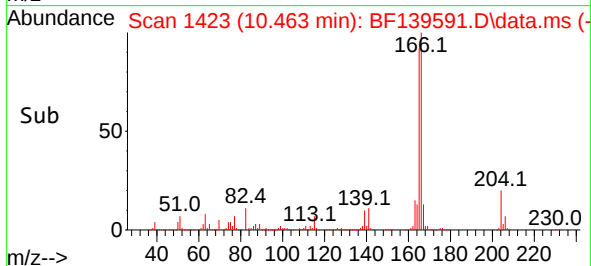
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



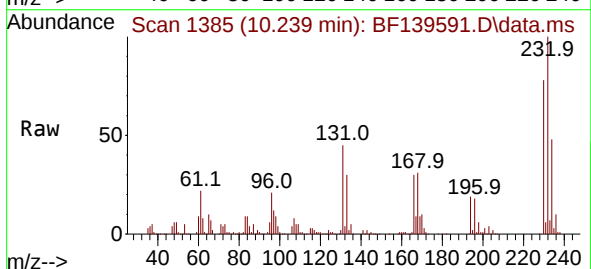
Tgt Ion:166 Resp: 1073380
Ion Ratio Lower Upper
166 100
165 92.5 74.4 111.6
167 13.5 10.9 16.3

Manual Integrations
APPROVED

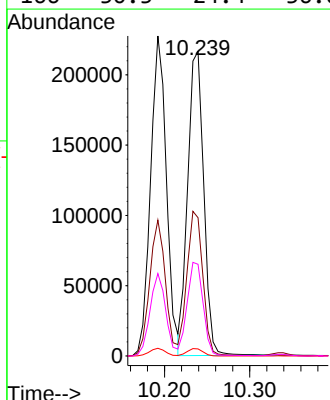
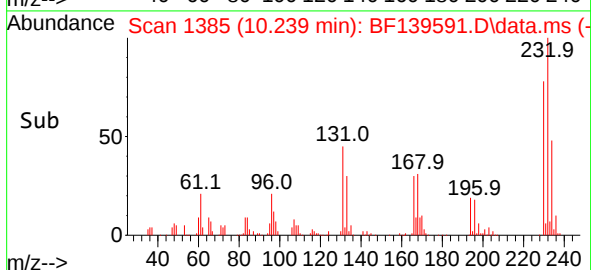
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

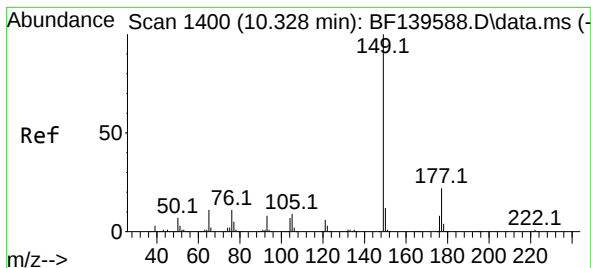


#59
2,3,4,6-Tetrachlorophenol
Concen: 70.998 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:232 Resp: 283229
Ion Ratio Lower Upper
232 100
131 47.2 37.8 56.6
130 2.4 1.9 2.9
166 30.3 24.4 36.6





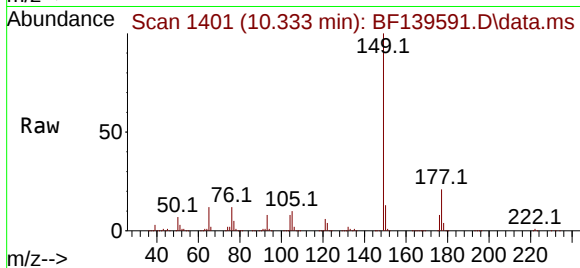
#60
Diethylphthalate
Concen: 71.798 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

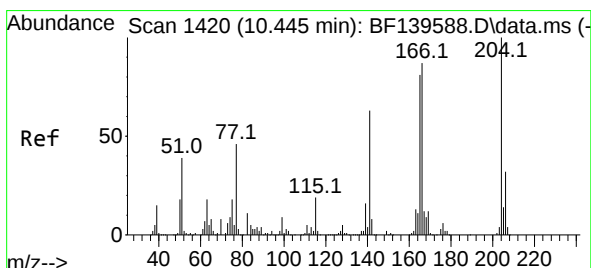
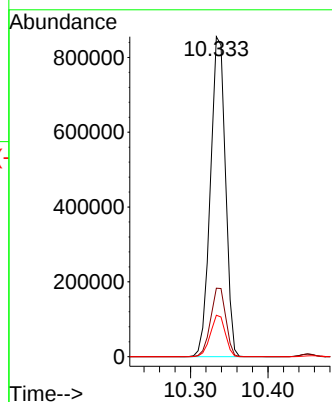
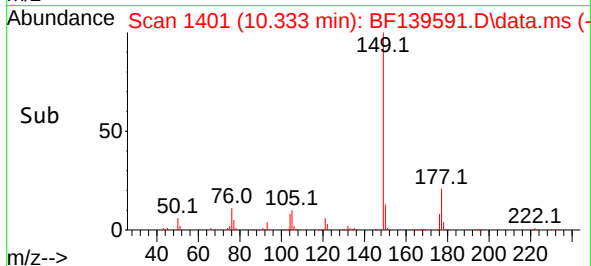


Tgt Ion:149 Resp: 115304
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.0
150 12.9 10.0 15.0

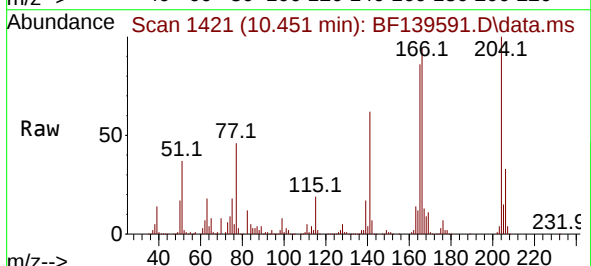
Manual Integrations

APPROVED

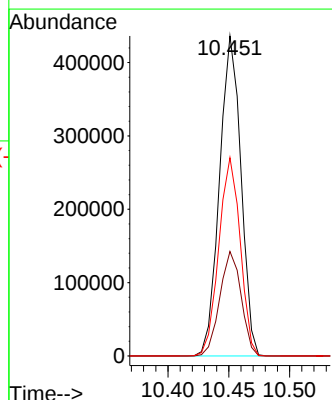
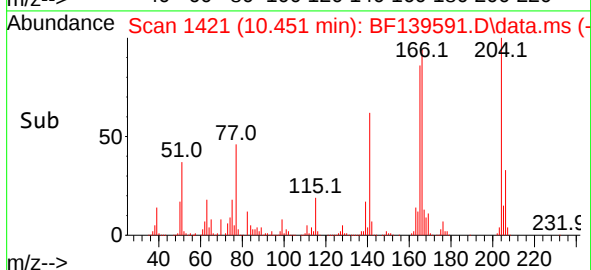
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

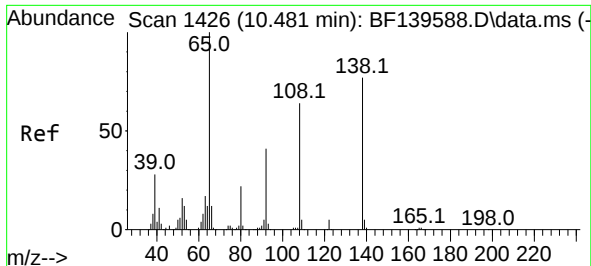


#61
4-Chlorophenyl-phenylether
Concen: 67.502 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:204 Resp: 534565
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.9 50.5 75.7





#62
4-Nitroaniline
Concen: 70.582 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

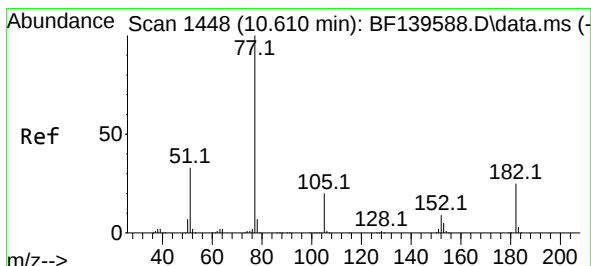
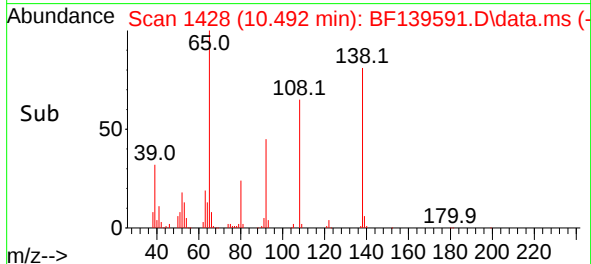
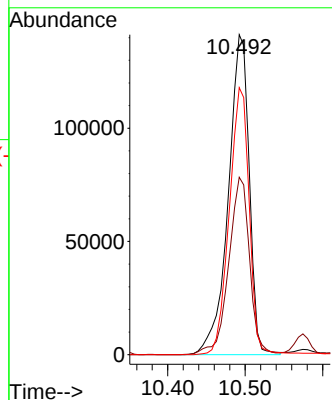
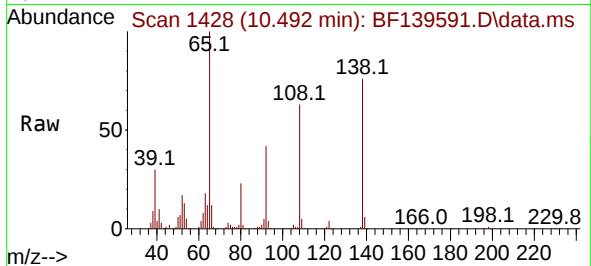
SSTDICC080

Tgt Ion:138 Resp: 265400
Ion Ratio Lower Upper
138 100
92 55.5 33.3 73.3
108 83.5 62.1 102.1

Manual Integrations

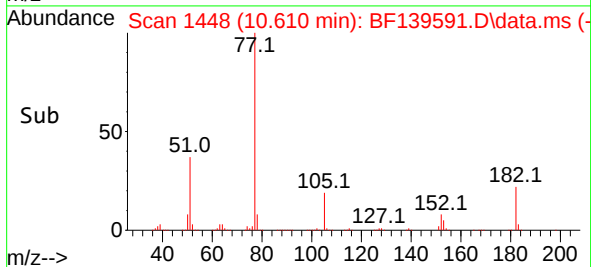
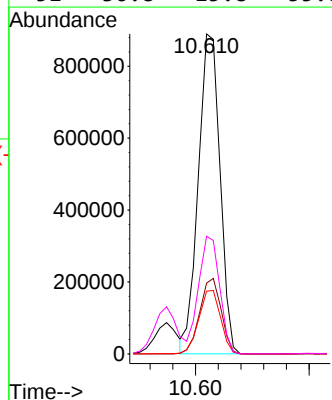
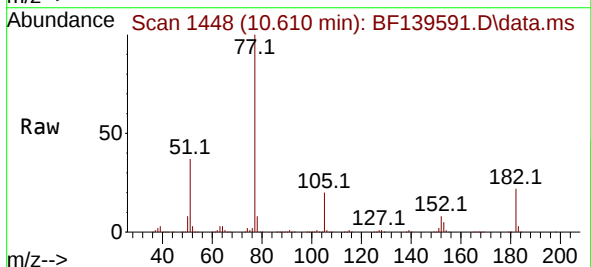
APPROVED

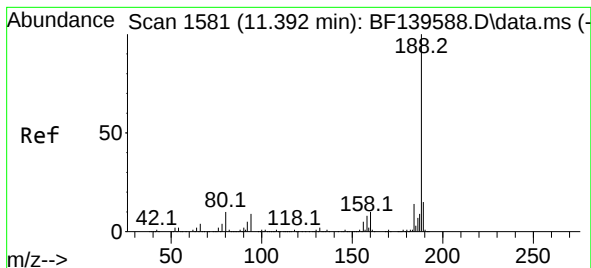
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#63
Azobenzene
Concen: 74.625 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

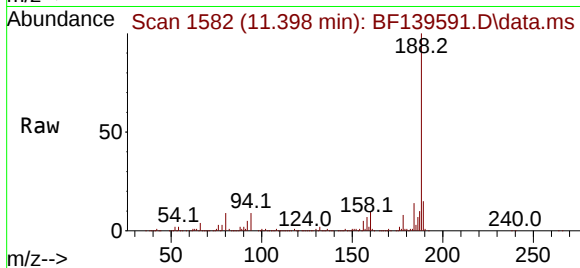
Tgt Ion: 77 Resp: 1178747
Ion Ratio Lower Upper
77 100
182 22.1 4.2 44.2
105 19.6 0.0 39.6
51 36.8 15.8 55.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11398
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

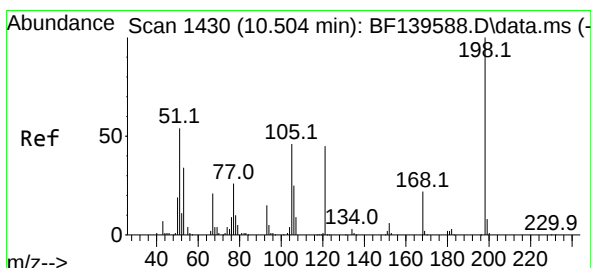
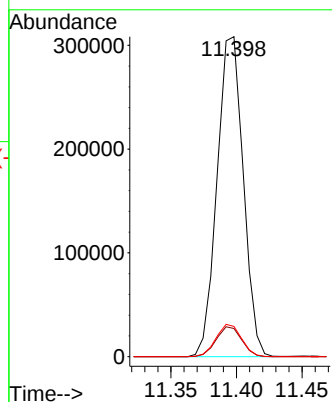
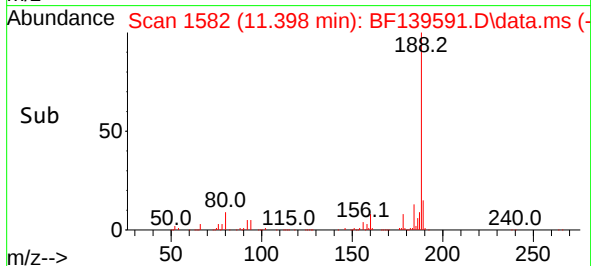
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



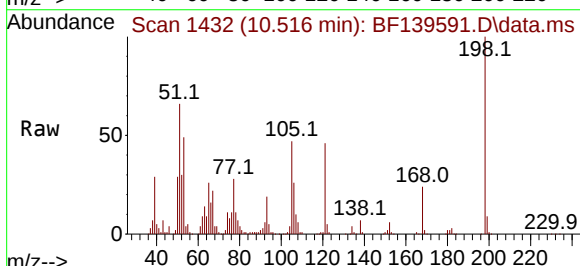
Tgt Ion:188 Resp: 42815
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.2 12.2

Manual Integrations
APPROVED

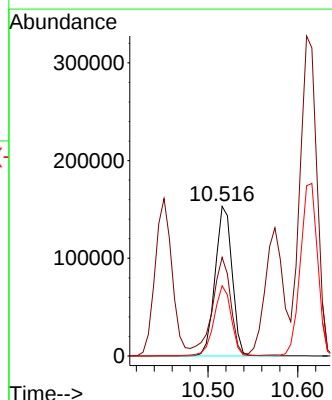
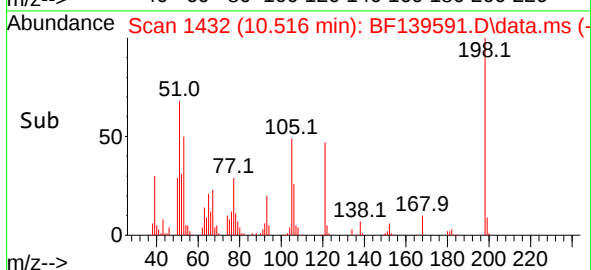
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

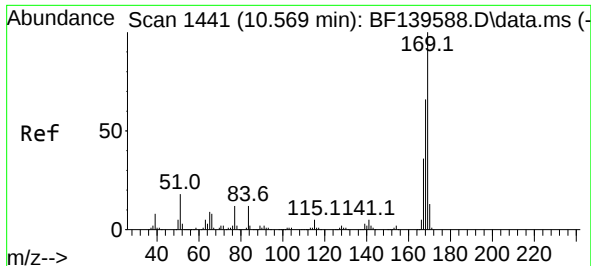


#65
4,6-Dinitro-2-methylphenol
Concen: 88.991 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



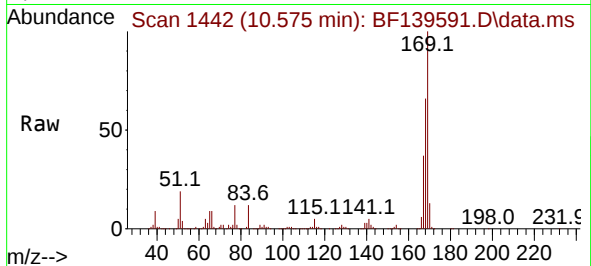
Tgt Ion:198 Resp: 201095
Ion Ratio Lower Upper
198 100
51 65.8 43.0 83.0
105 46.9 26.6 66.6





#66
n-Nitrosodiphenylamine
Concen: 74.757 ng
RT: 10.575 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

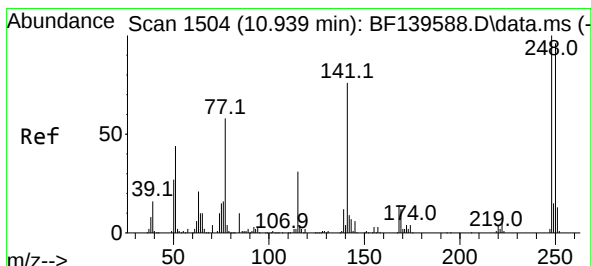
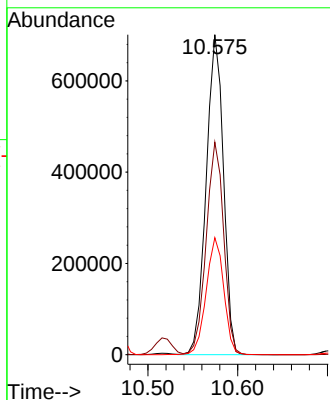
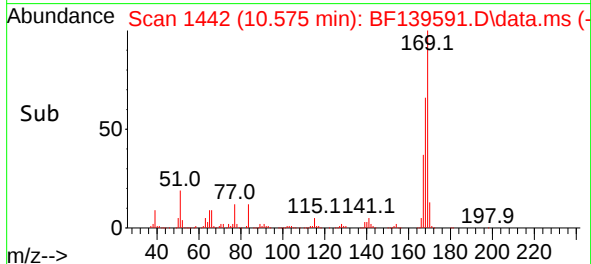
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



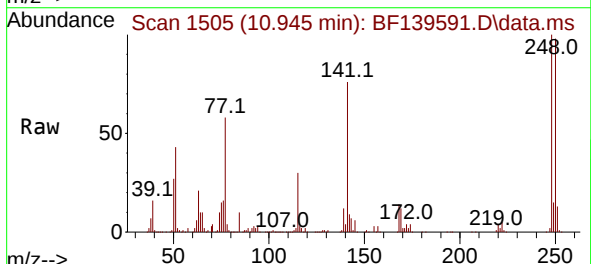
Tgt Ion:169 Resp: 935788
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.5 28.6 43.0

Manual Integrations
APPROVED

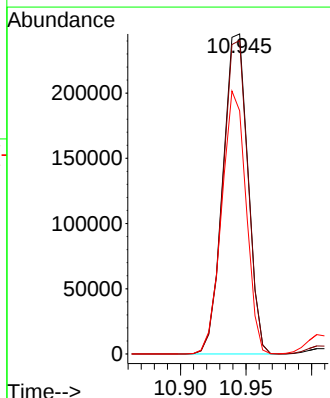
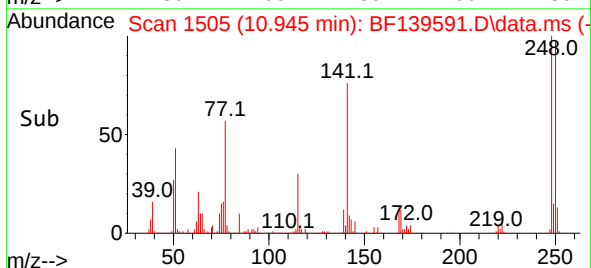
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024

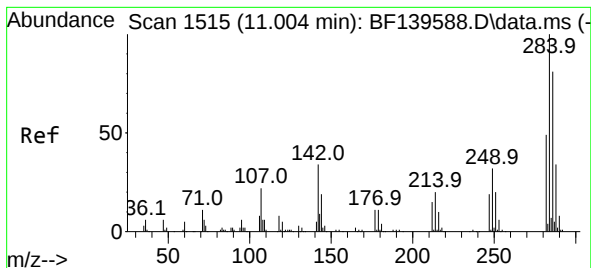


#67
4-Bromophenyl-phenylether
Concen: 76.961 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:248 Resp: 326534
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 76.0 60.4 90.6





#68

Hexachlorobenzene

Concen: 72.841 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:284 Resp: 36271

Ion Ratio Lower Upper

284 100

142 32.3 26.9 40.3

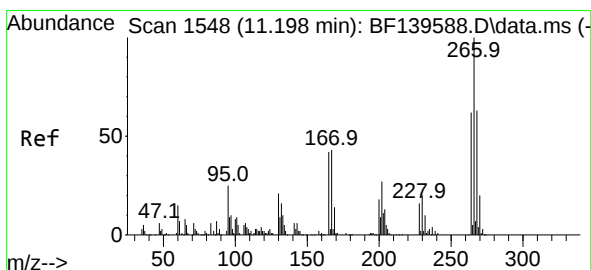
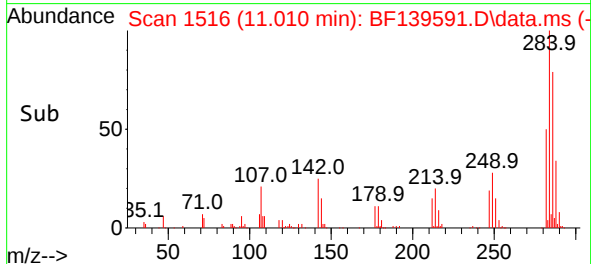
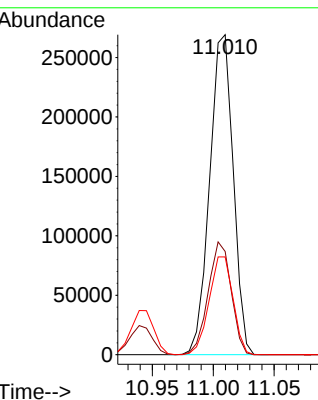
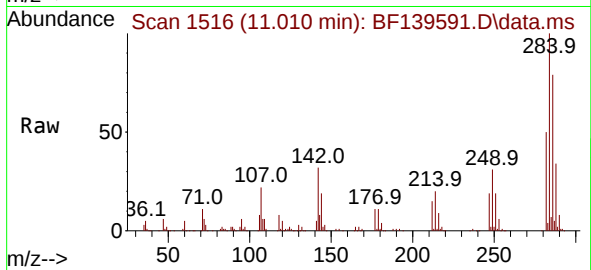
249 30.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#70

Pentachlorophenol

Concen: 76.910 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

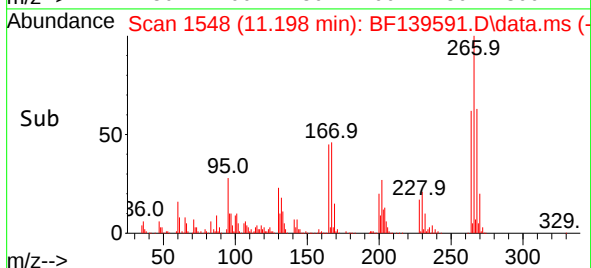
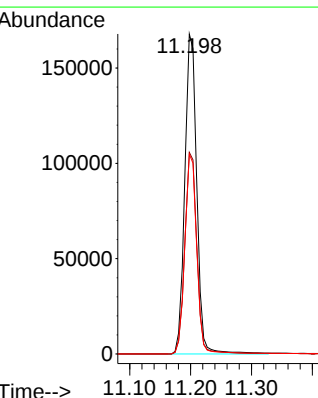
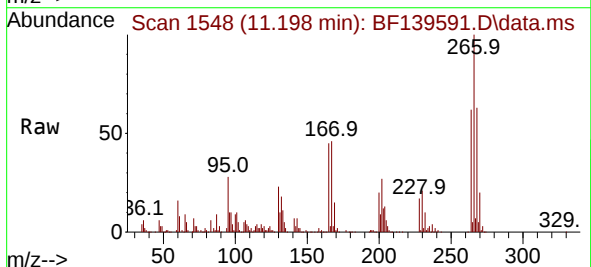
Tgt Ion:266 Resp: 229802

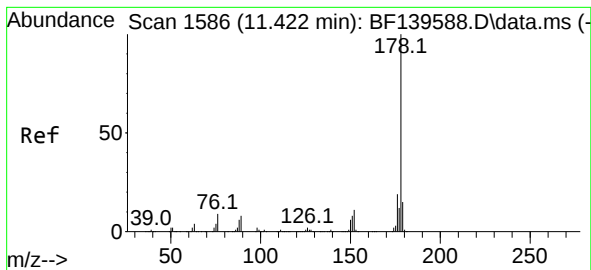
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.5 49.3 73.9





#71

Phenanthrene

Concen: 69.494 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 143550

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

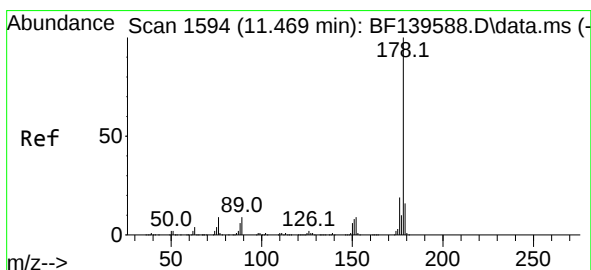
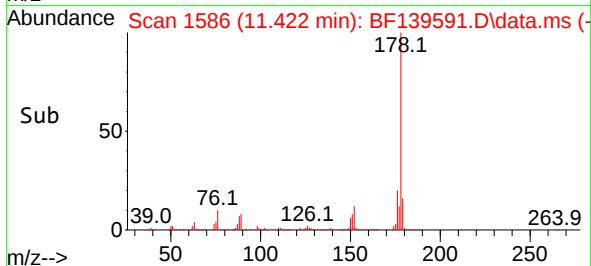
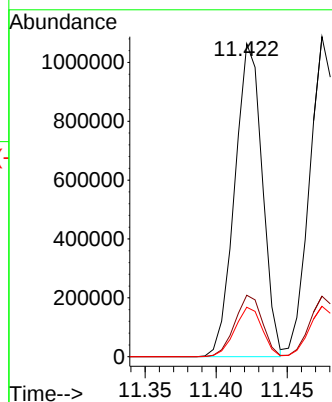
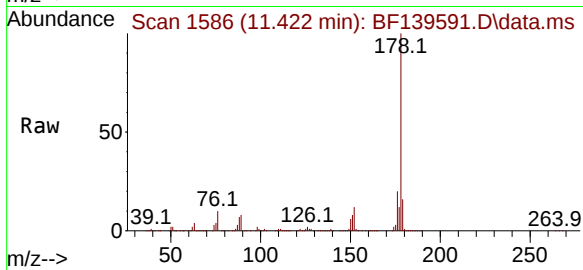
179 15.8 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#72

Anthracene

Concen: 70.613 ng

RT: 11.474 min Scan# 1595

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

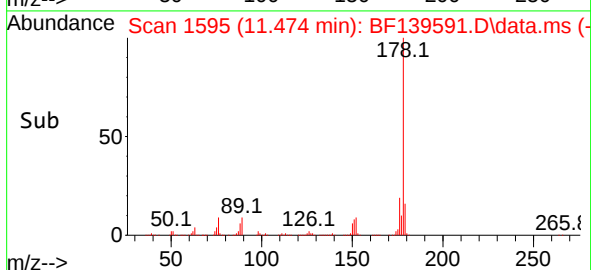
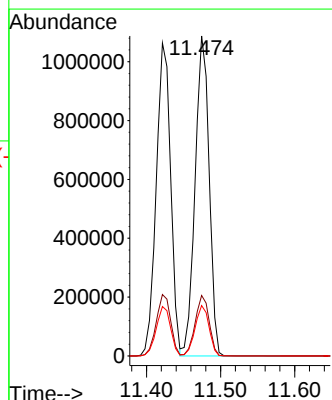
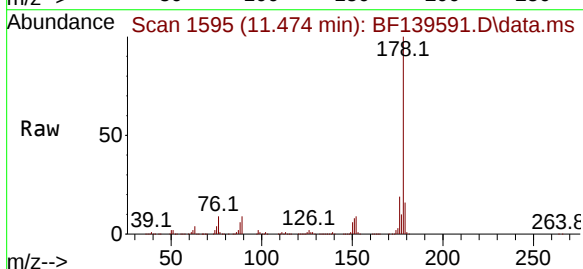
Tgt Ion:178 Resp: 1426124

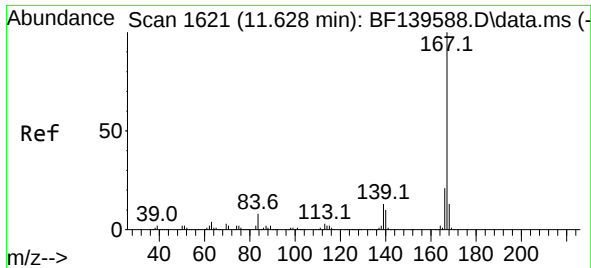
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

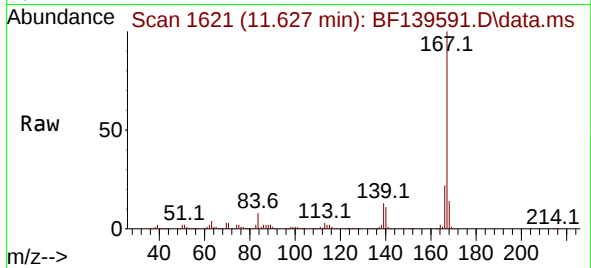
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 68.555 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139591.D
 Acq: 01 Oct 2024 17:22

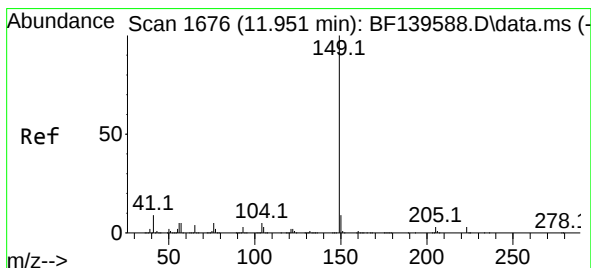
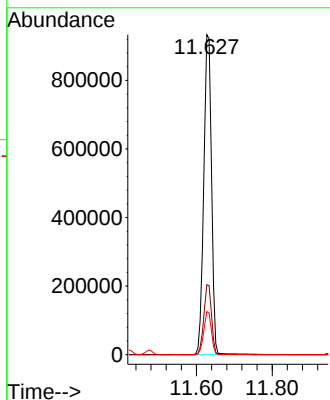
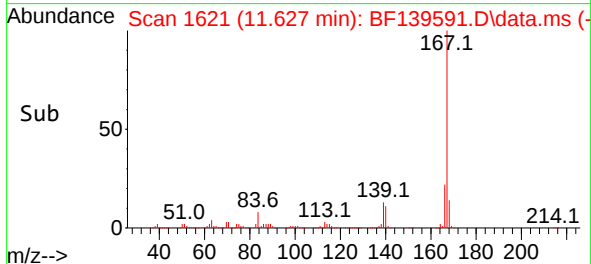
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



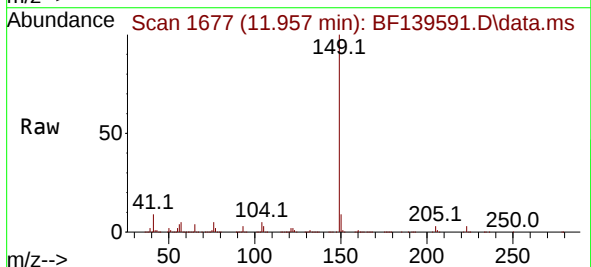
Tgt Ion:167 Resp: 132515
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.5 10.3 15.5

Manual Integrations
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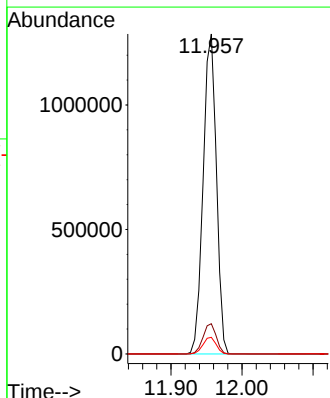
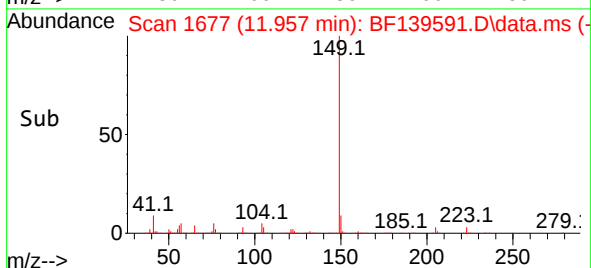
Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

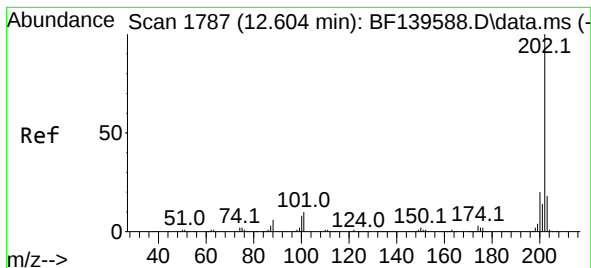


#74
 Di-n-butylphthalate
 Concen: 77.421 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.006 min
 Lab File: BF139591.D
 Acq: 01 Oct 2024 17:22



Tgt Ion:149 Resp: 1667088
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 66.839 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 147443

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

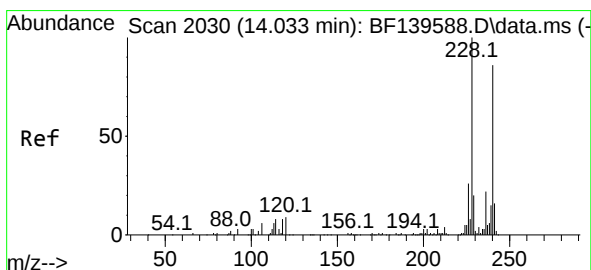
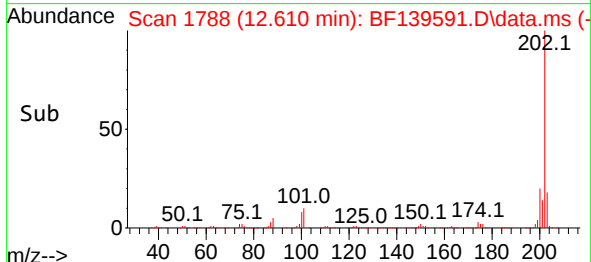
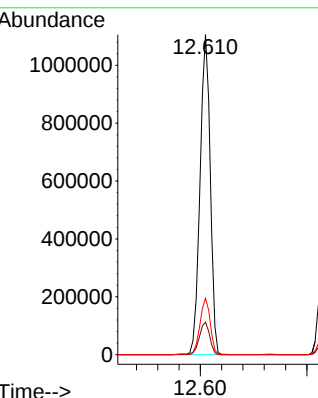
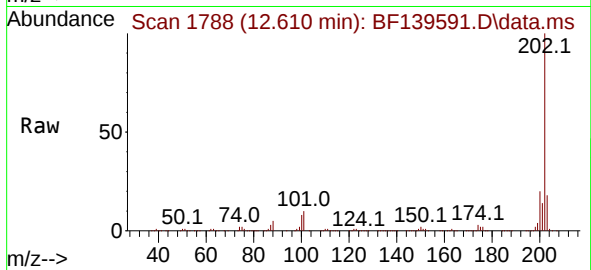
203 17.7 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

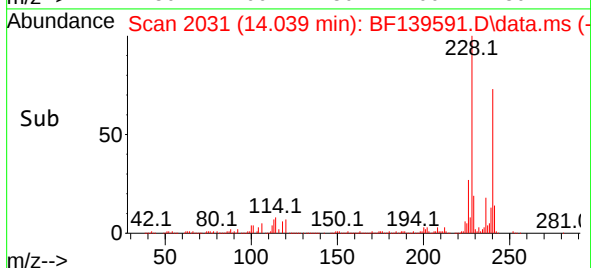
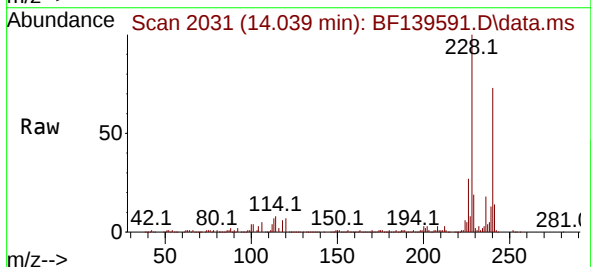
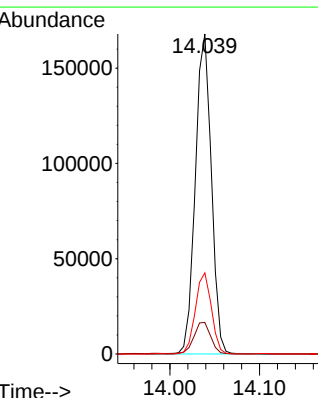
Tgt Ion:240 Resp: 207859

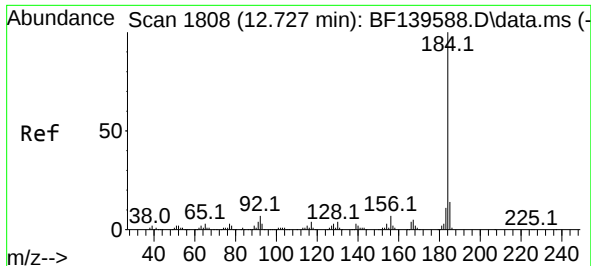
Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

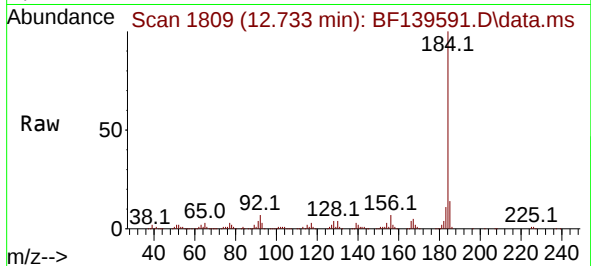
236 25.4 20.3 30.5





#77
Benzidine
Concen: 103.148 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

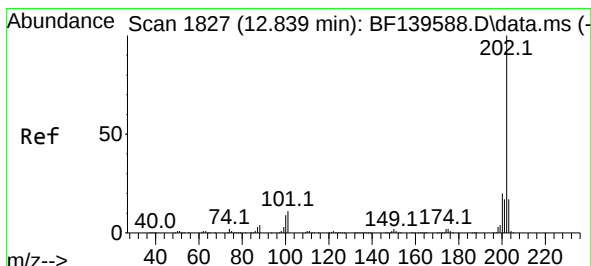
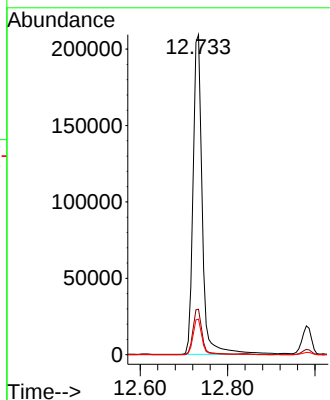
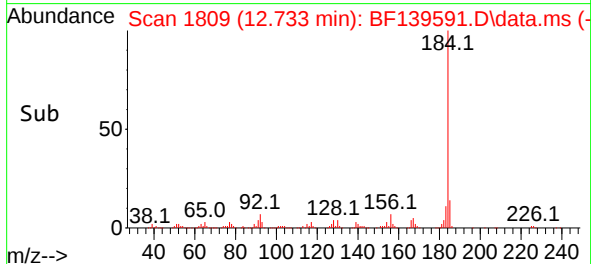
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 30717
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.1 8.8 13.2

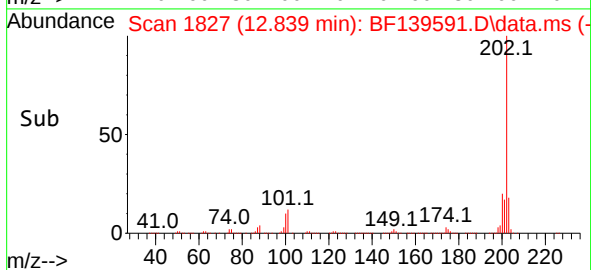
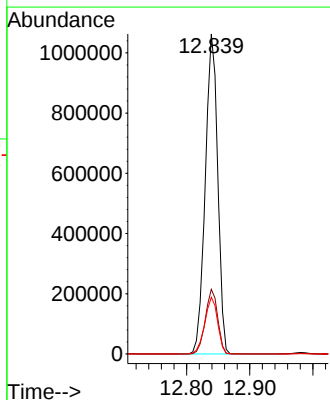
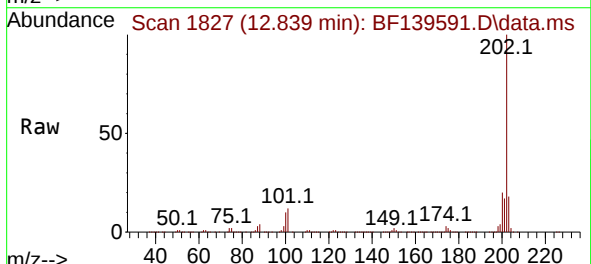
Manual Integrations
APPROVED

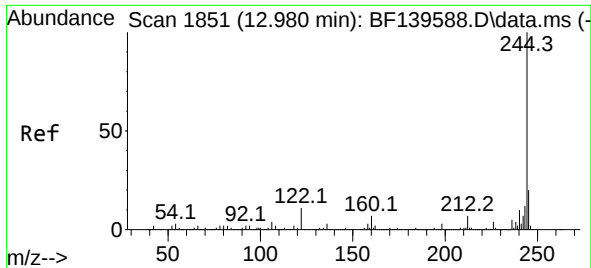
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#78
Pyrene
Concen: 81.658 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:202 Resp: 1457393
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.6
203 17.7 13.8 20.8





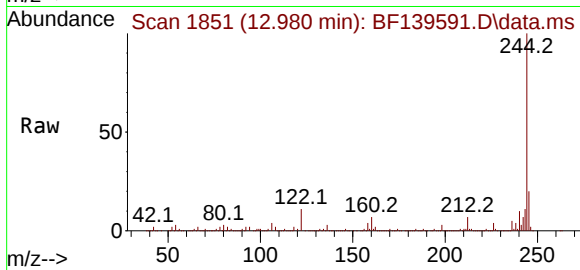
#79
 Terphenyl-d14
 Concen: 150.576 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139591.D
 Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



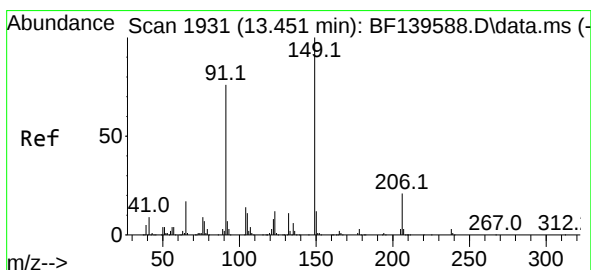
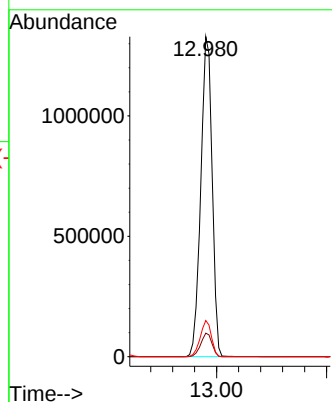
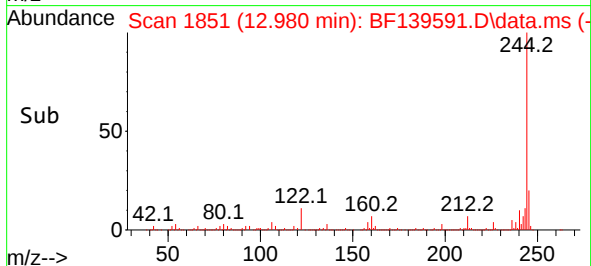
Tgt Ion:244 Resp: 190683
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 11.3 8.6 12.8

Manual Integrations

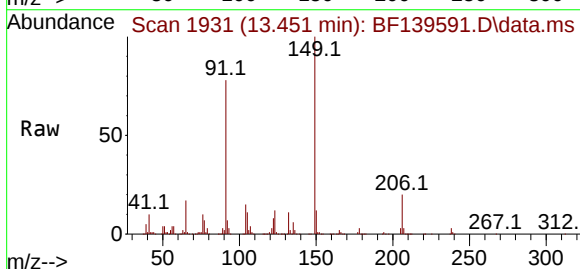
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

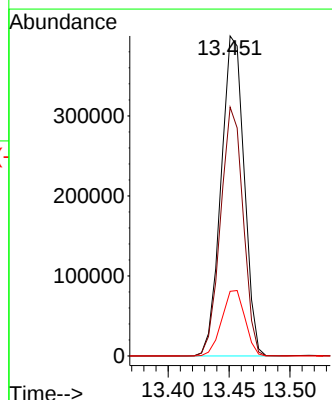
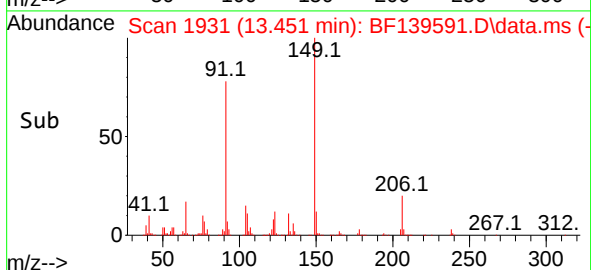
Supervised By :mohammad ahmed 10/04/2024

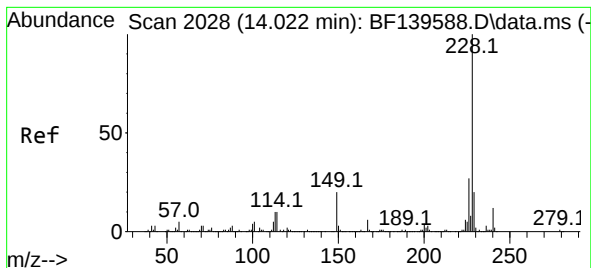


#80
 Butylbenzylphthalate
 Concen: 86.836 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139591.D
 Acq: 01 Oct 2024 17:22



Tgt Ion:149 Resp: 527522
 Ion Ratio Lower Upper
 149 100
 91 77.8 61.0 91.4
 206 20.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 73.883 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139591.D

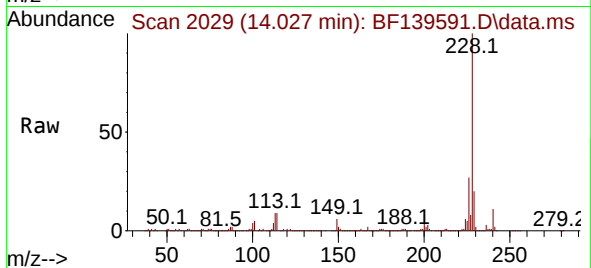
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 101726

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

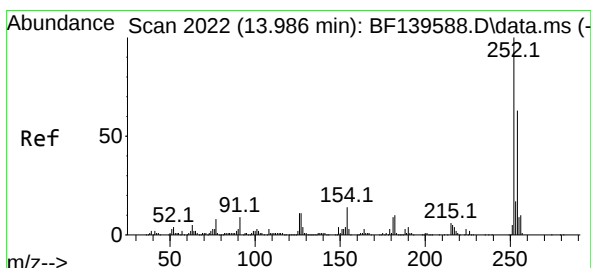
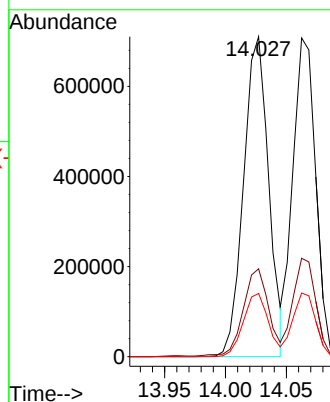
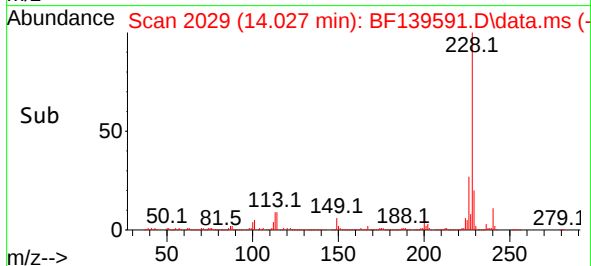
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 78.989 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

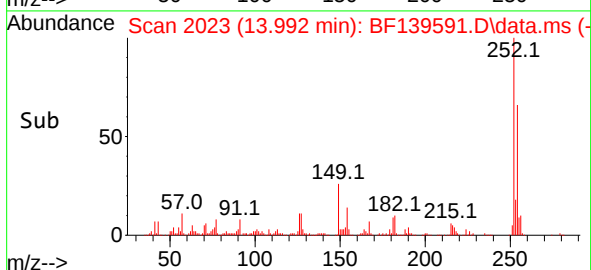
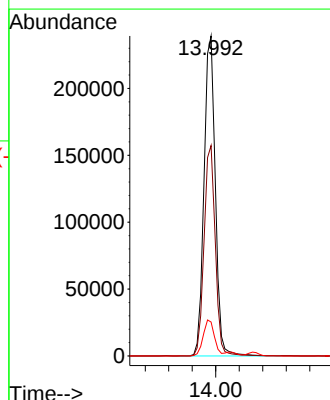
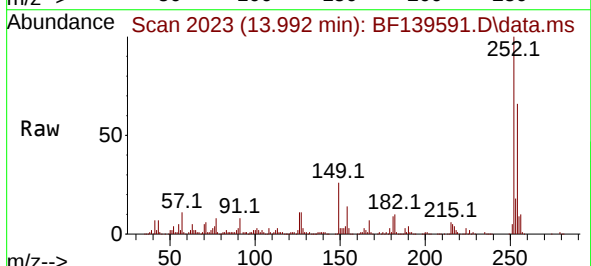
Tgt Ion:252 Resp: 318495

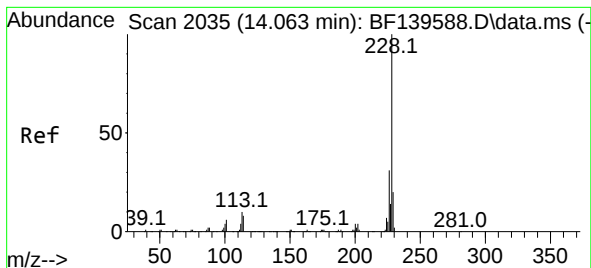
Ion Ratio Lower Upper

252 100

254 65.8 50.5 75.7

126 10.6 8.8 13.2





#83

Chrysene

Concen: 73.299 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 928480

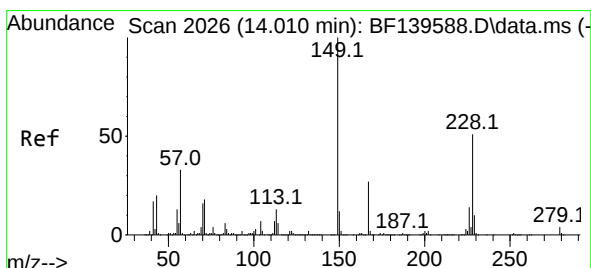
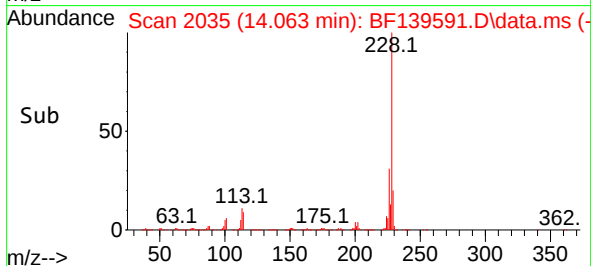
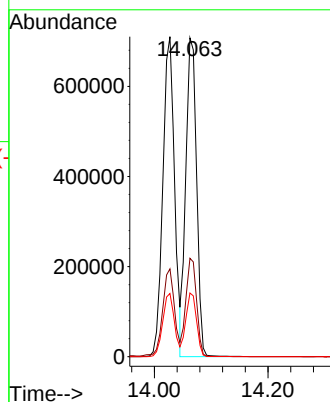
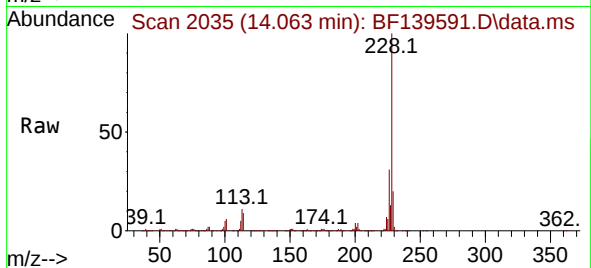
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.584 ng

RT: 14.010 min Scan# 2026

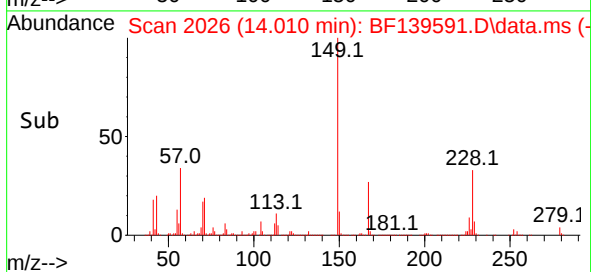
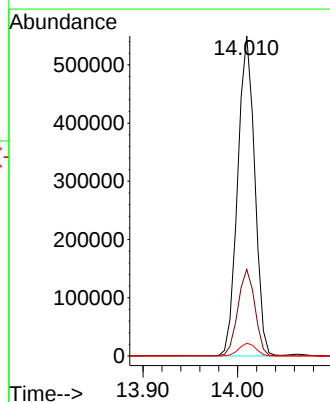
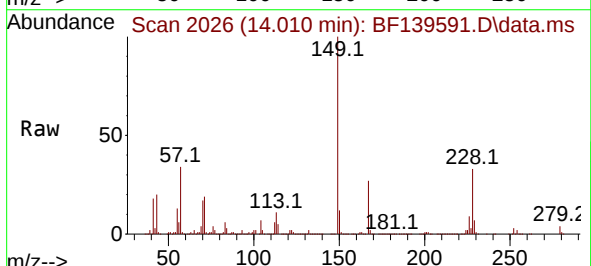
Delta R.T. -0.000 min

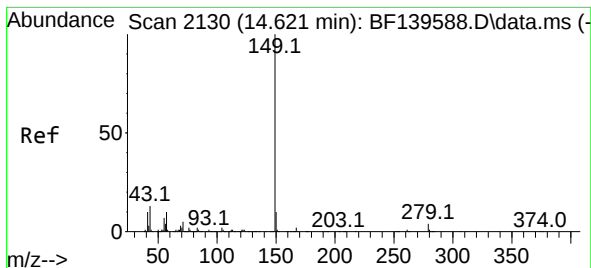
Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Tgt Ion:149 Resp: 684589

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.7	32.5
279	4.0	3.2	4.8





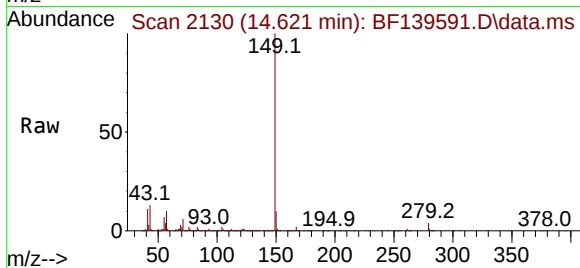
#85
Di-n-octyl phthalate
Concen: 96.349 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



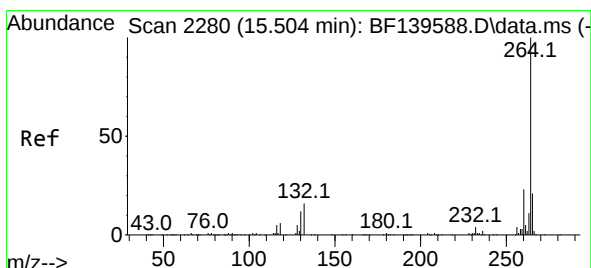
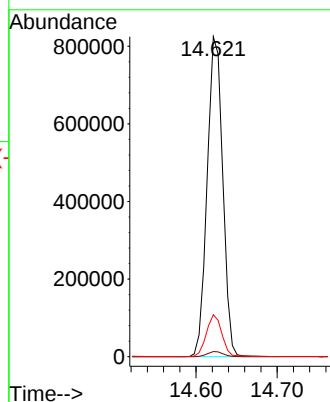
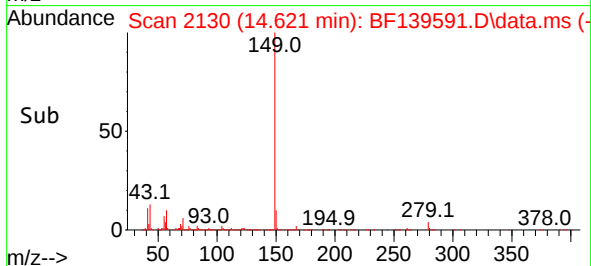
Tgt Ion:149 Resp: 109657
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.0 10.2 15.2

Manual Integrations

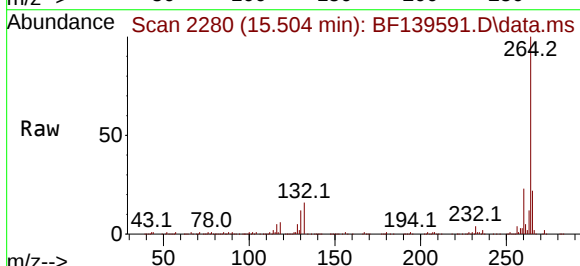
APPROVED

Reviewed By :Yogesh Patel 10/02/2024

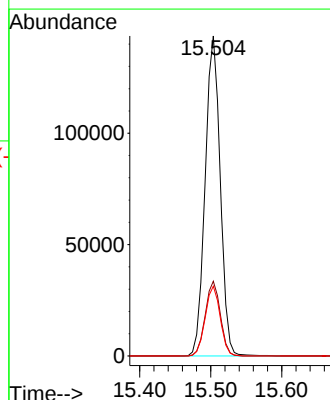
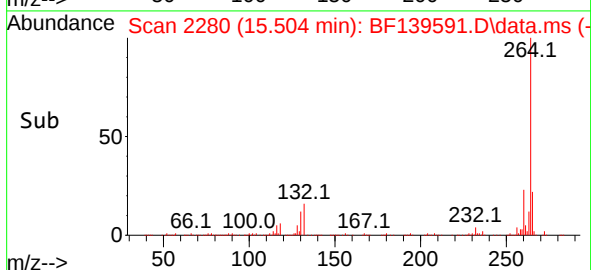
Supervised By :mohammad ahmed 10/04/2024

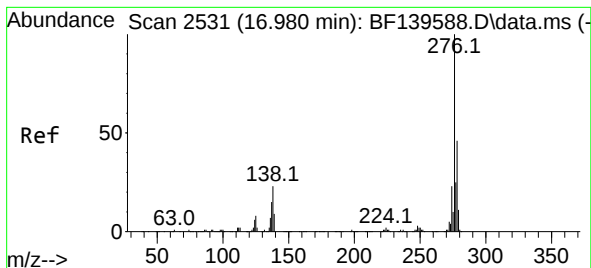


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22



Tgt Ion:264 Resp: 212442
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 84.278 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:276 Resp: 1064640

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

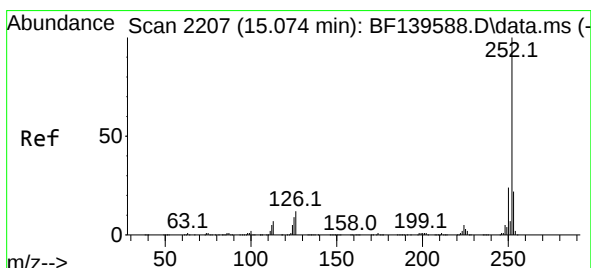
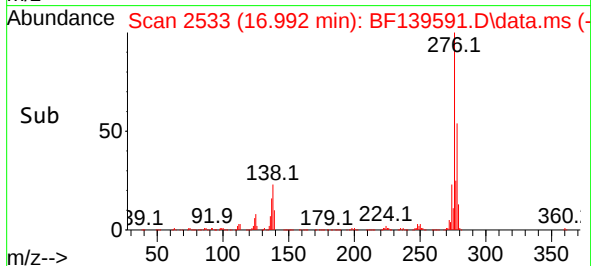
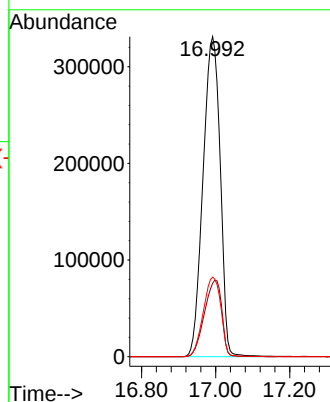
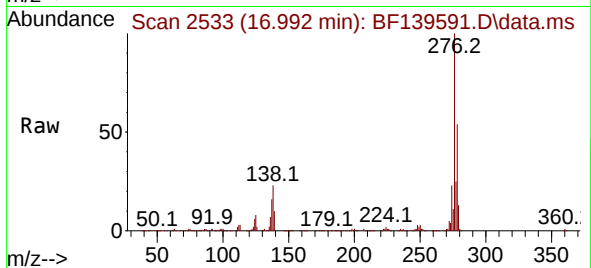
277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024



#88

Benzo(b)fluoranthene

Concen: 73.300 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139591.D

Acq: 01 Oct 2024 17:22

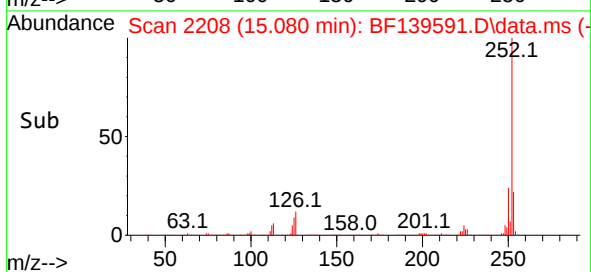
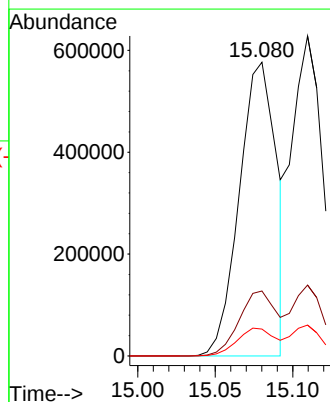
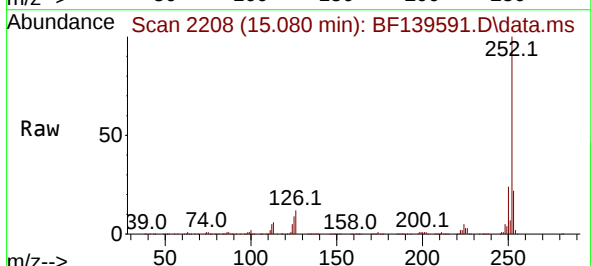
Tgt Ion:252 Resp: 960377

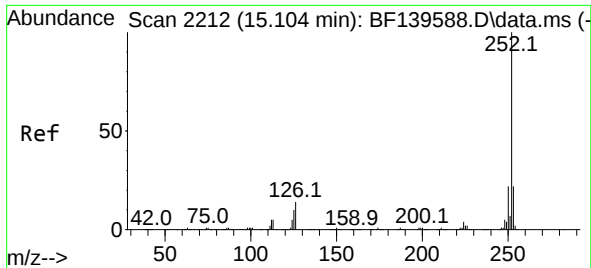
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.2 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 72.074 ng
RT: 15.110 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

ClientSampleId :

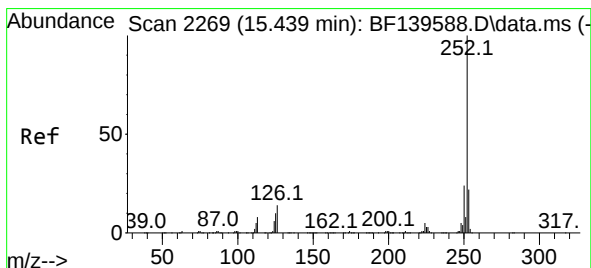
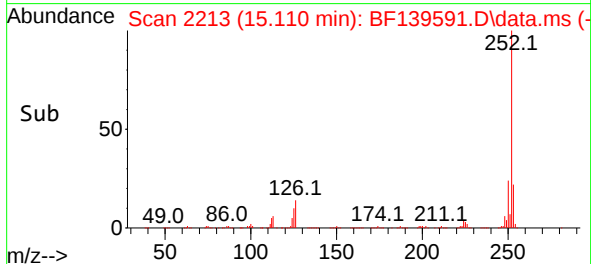
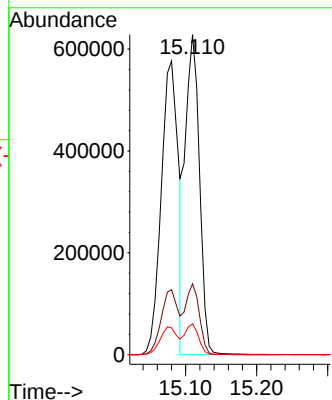
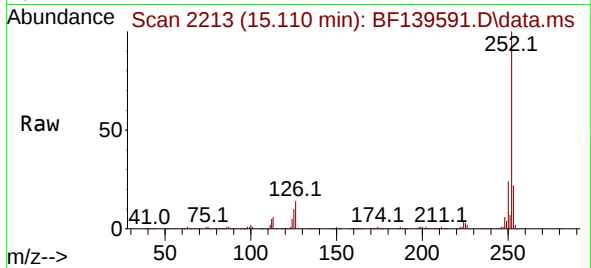
SSTDICC080

Tgt Ion:252 Resp: 87068
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.6 7.6 11.4

Manual Integrations

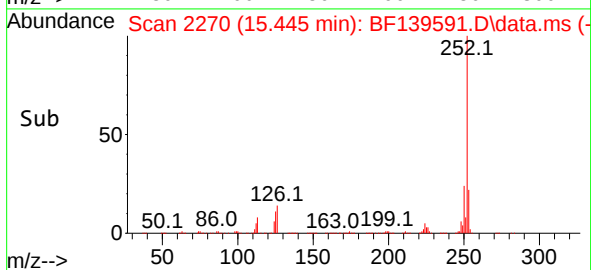
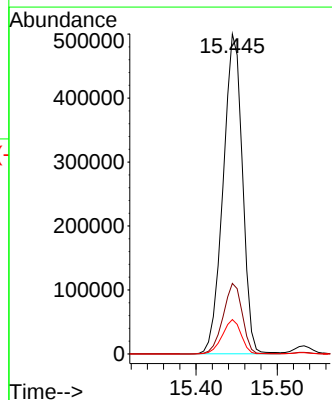
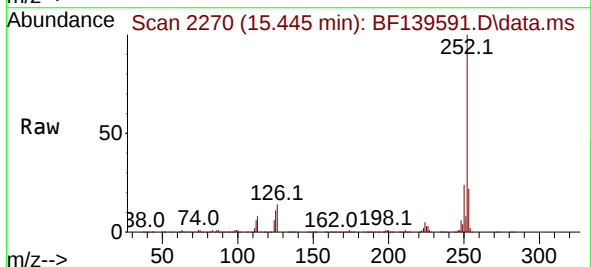
APPROVED

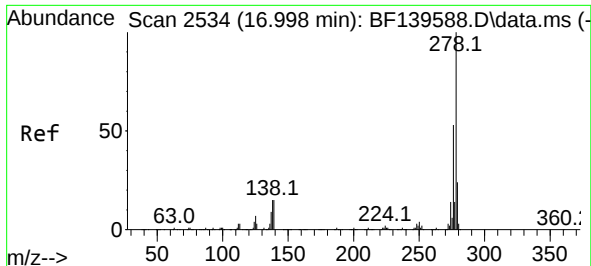
Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#90
Benzo(a)pyrene
Concen: 76.086 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:252 Resp: 826762
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 83.566 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Instrument :

BNA_F

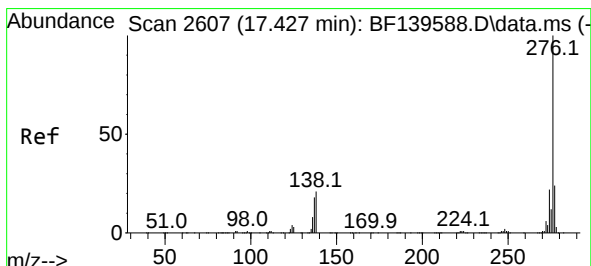
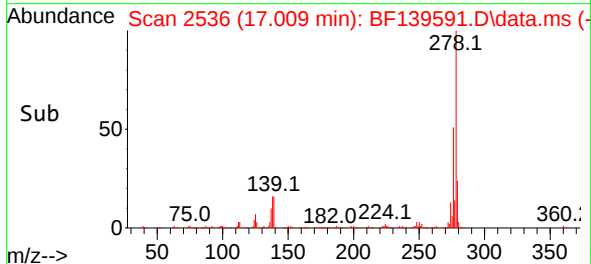
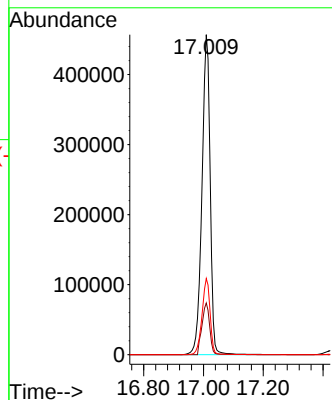
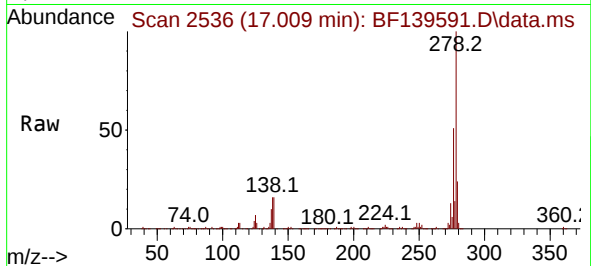
ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 87230
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :mohammad ahmed 10/04/2024



#92
Benzo(g,h,i)perylene
Concen: 87.326 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.017 min
Lab File: BF139591.D
Acq: 01 Oct 2024 17:22

Tgt Ion:276 Resp: 902553
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 21.6 17.0 25.6

