

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140339.D
 Acq On : 13 Nov 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 13 14:36:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 13:11:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	160348	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	586224	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	324351	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	591968	20.000	ng	0.00
76) Chrysene-d12	14.057	240	305715	20.000	ng	0.00
86) Perylene-d12	15.562	264	310894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1324090	140.989	ng	0.00
7) Phenol-d6	6.522	99	1804257	141.801	ng	0.02
23) Nitrobenzene-d5	7.451	82	1661144	147.640	ng	0.01
42) 2,4,6-Tribromophenol	10.710	330	471699	146.244	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2675376	132.597	ng	0.00
79) Terphenyl-d14	12.992	244	2674139	151.833	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	307882	73.555	ng	100
3) Pyridine	3.422	79	735683	71.493	ng	99
4) n-Nitrosodimethylamine	3.398	42	402441	77.381	ng	99
6) Aniline	6.551	93	684015	61.797	ng	# 84
8) 2-Chlorophenol	6.675	128	709152	70.295	ng	99
10) Phenol	6.534	94	947993	70.649	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	756191	74.376	ng	99
12) 1,3-Dichlorobenzene	6.822	146	783204	70.364	ng	98
13) 1,4-Dichlorobenzene	6.898	146	783319	69.404	ng	99
14) 1,2-Dichlorobenzene	7.057	146	710399	67.802	ng	99
15) Benzyl Alcohol	7.028	79	654439	71.389	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	993408	70.738	ng	96
17) 2-Methylphenol	7.133	107	604396	72.829	ng	98
18) Hexachloroethane	7.392	117	300328	71.979	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	543998	70.790	ng	100
20) 3+4-Methylphenols	7.292	107	699451	67.394	ng	96
22) Acetophenone	7.298	105	963095	70.637	ng	99
24) Nitrobenzene	7.469	77	870976	74.350	ng	99
25) Isophorone	7.704	82	1487295	74.586	ng	100
26) 2-Nitrophenol	7.781	139	401982	77.328	ng	99
27) 2,4-Dimethylphenol	7.816	122	500708	75.234	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	887655	72.597	ng	100
29) 2,4-Dichlorophenol	8.022	162	597530	72.647	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	663478	72.454	ng	99
31) Naphthalene	8.186	128	2076967	69.842	ng	99
32) Benzoic acid	7.969	122	529009	90.483	ng	96
33) 4-Chloroaniline	8.245	127	729859	70.572	ng	99
34) Hexachlorobutadiene	8.298	225	417242	71.513	ng	100
35) Caprolactam	8.627	113	208353m	75.344	ng	
36) 4-Chloro-3-methylphenol	8.716	107	672162	73.742	ng	100
37) 2-Methylnaphthalene	8.875	142	1323889	69.428	ng	100
38) 1-Methylnaphthalene	8.975	142	1289276	69.046	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	629856	70.223	ng	100
41) Hexachlorocyclopentadiene	9.022	237	187869	81.579	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	442116	75.110	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	468390	72.781	ng	98

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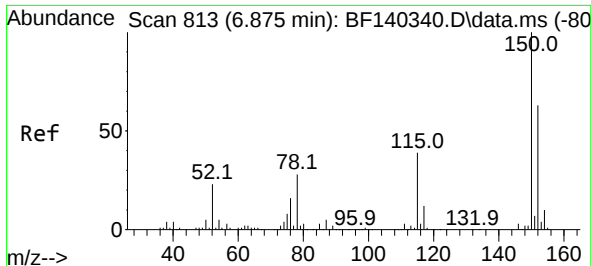
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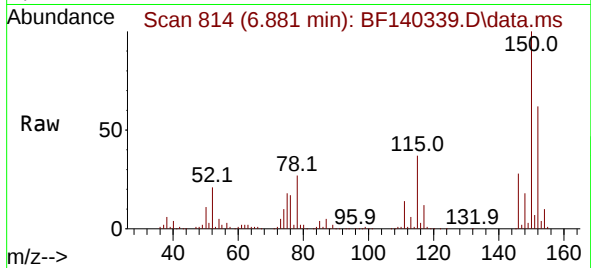
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	1613420	68.375	ng	99
47) 2-Chloronaphthalene	9.363	162	1259442	70.067	ng	98
48) 2-Nitroaniline	9.463	65	454975	76.323	ng	98
49) Acenaphthylene	9.780	152	1869941	68.758	ng	99
50) Dimethylphthalate	9.645	163	1532197	72.473	ng	100
51) 2,6-Dinitrotoluene	9.704	165	348019	72.207	ng	93
52) Acenaphthene	9.951	154	1305360	71.065	ng	99
53) 3-Nitroaniline	9.874	138	356185	70.369	ng	98
54) 2,4-Dinitrophenol	9.980	184	217511	87.514	ng	98
55) Dibenzofuran	10.127	168	1743431	67.047	ng	100
56) 4-Nitrophenol	10.033	139	291787	79.032	ng	96
57) 2,4-Dinitrotoluene	10.110	165	454770	71.693	ng	94
58) Fluorene	10.469	166	1382804	67.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	374293	73.723	ng	100
60) Diethylphthalate	10.339	149	1537607	71.126	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	685111	67.555	ng	99
62) 4-Nitroaniline	10.498	138	385246	74.437	ng	100
63) Azobenzene	10.621	77	1508804	70.637	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	274337	86.136	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1237130	72.330	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	426112	72.010	ng	99
68) Hexachlorobenzene	11.016	284	491825	73.871	ng	99
69) Atrazine	11.110	200	495230	95.702	ng	99
70) Pentachlorophenol	11.210	266	308099	85.908	ng	99
71) Phenanthrene	11.433	178	1941678	69.825	ng	99
72) Anthracene	11.486	178	1901483	69.770	ng	100
73) Carbazole	11.639	167	1853513	68.878	ng	99
74) Di-n-butylphthalate	11.963	149	2283744	70.708	ng	100
75) Fluoranthene	12.621	202	2053832	65.832	ng	99
77) Benzidine	12.739	184	1147944	97.835	ng	99
78) Pyrene	12.851	202	2044224	78.173	ng	99
80) Butylbenzylphthalate	13.462	149	768354	76.487	ng	98
81) Benzo(a)anthracene	14.045	228	1461193	72.724	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	488462	76.486	ng	99
83) Chrysene	14.086	228	1343316	73.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	994724	74.186	ng	99
85) Di-n-octyl phthalate	14.668	149	1481946	78.474	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1638318	85.308	ng	99
88) Benzo(b)fluoranthene	15.127	252	1490709	73.300	ng	100
89) Benzo(k)fluoranthene	15.156	252	1103915	66.445	ng	98
90) Benzo(a)pyrene	15.504	252	1179142	74.662	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1339293	84.367	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1392525	85.805	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

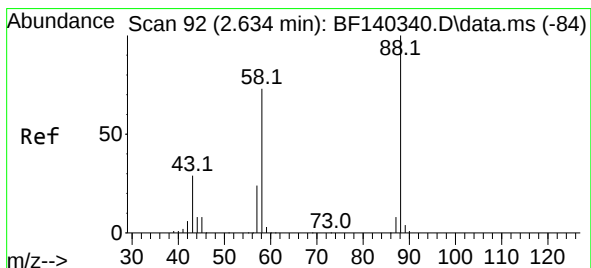
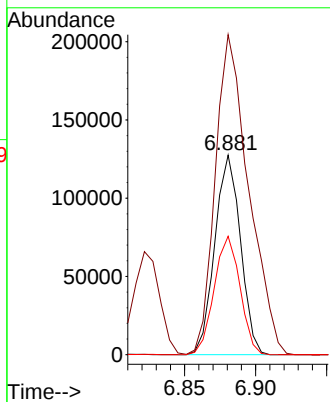
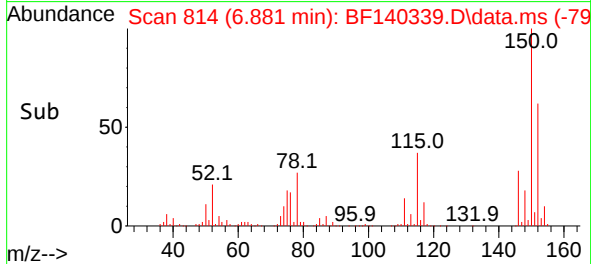
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 160344
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 59.4 47.4 71.2

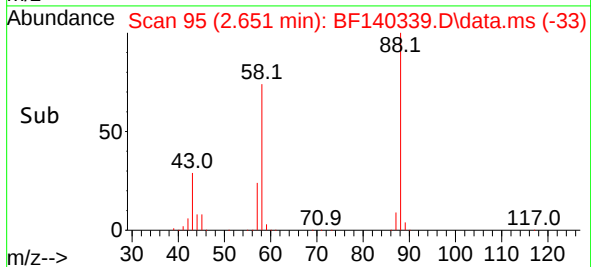
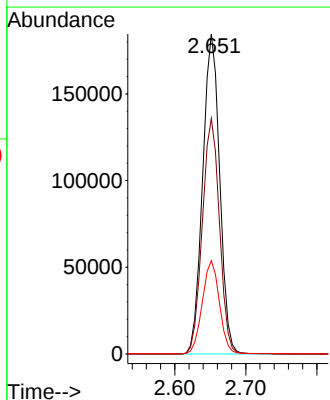
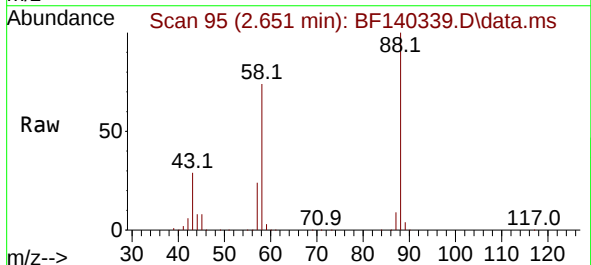
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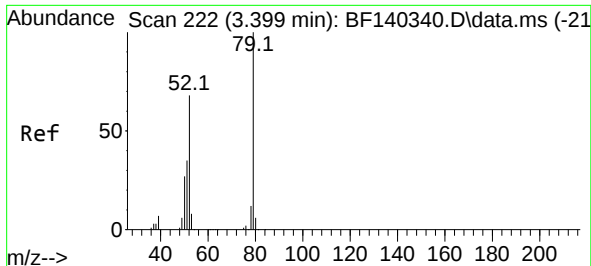
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#2
1,4-Dioxane
Concen: 73.555 ng
RT: 2.651 min Scan# 95
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 88 Resp: 307882
Ion Ratio Lower Upper
88 100
58 74.0 59.5 89.3
43 29.5 23.4 35.2





#3

Pyridine

Concen: 71.493 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 73568

Ion Ratio Lower Upper

79 100

52 67.9 53.8 80.6

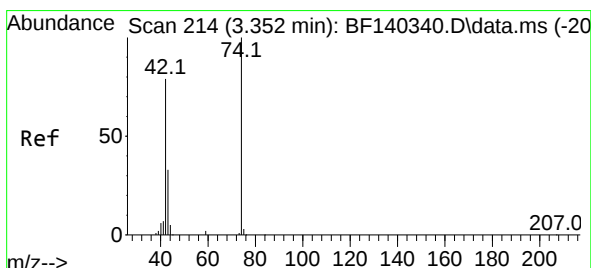
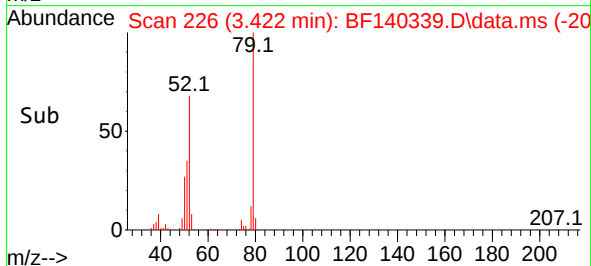
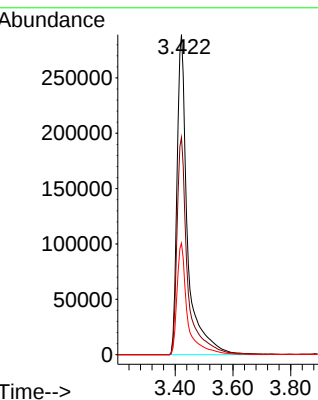
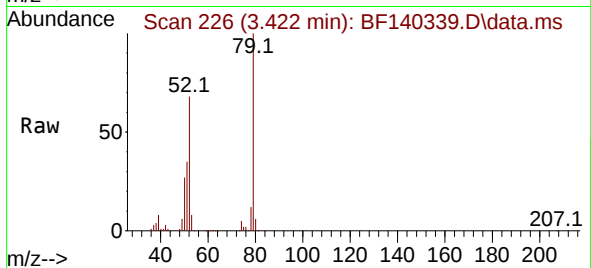
51 34.8 27.3 40.9

Manual Integrations

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Supervised By :mohammad ahmed 11/15/2024



#4

n-Nitrosodimethylamine

Concen: 77.381 ng

RT: 3.398 min Scan# 222

Delta R.T. 0.041 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

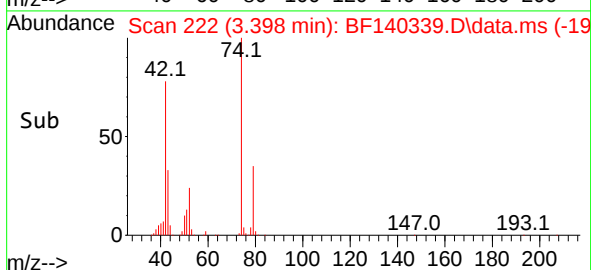
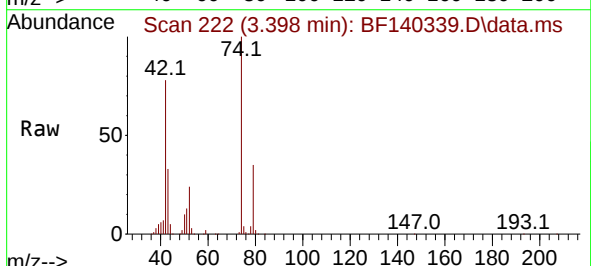
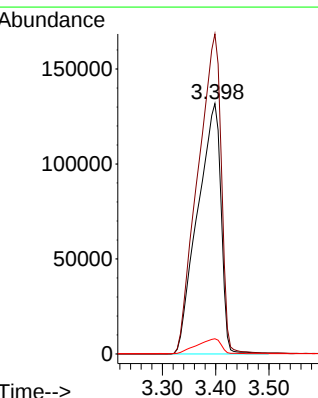
Tgt Ion: 42 Resp: 402441

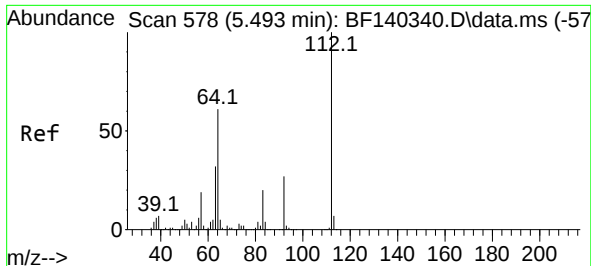
Ion Ratio Lower Upper

42 100

74 127.8 103.5 155.3

44 6.1 5.1 7.7





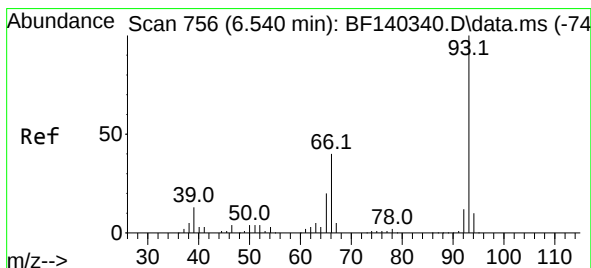
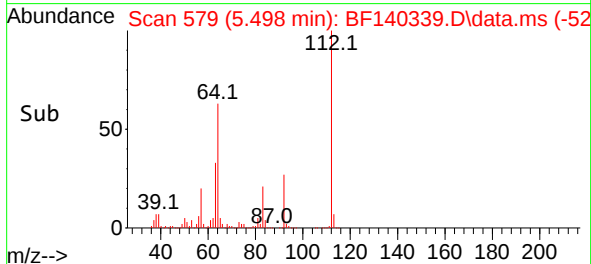
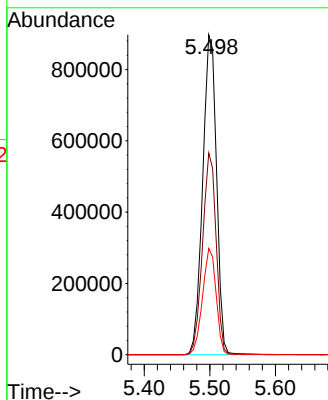
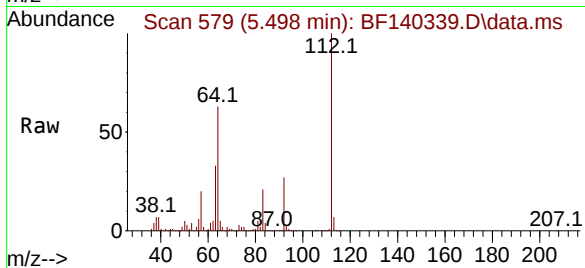
#5
2-Fluorophenol
Concen: 140.989 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1324090
Ion Ratio Lower Upper
112 100
64 63.1 49.2 73.8
63 33.2 25.6 38.4

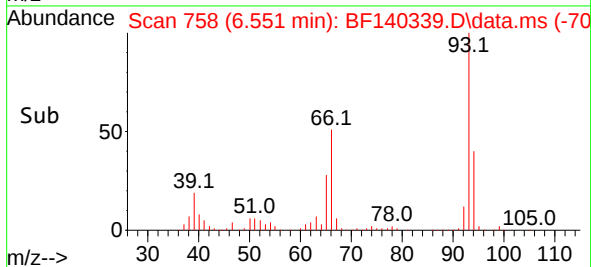
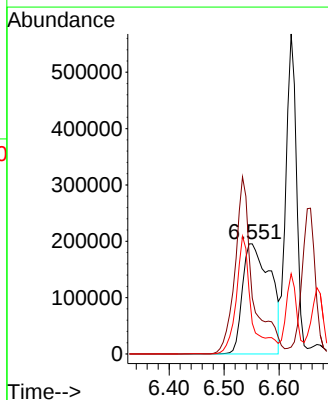
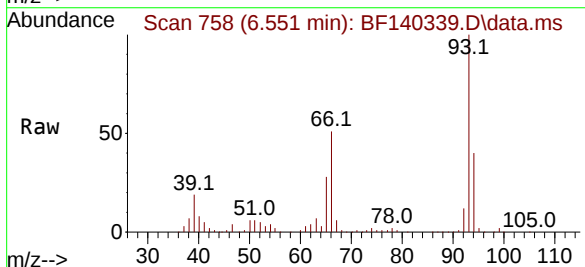
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#6
Aniline
Concen: 61.797 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

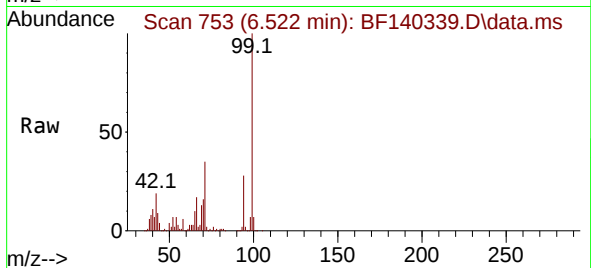
Tgt Ion: 93 Resp: 684015
Ion Ratio Lower Upper
93 100
66 50.8 32.8 49.2#
65 27.9 16.6 25.0#





#7
Phenol-d6
Concen: 141.801 ng
RT: 6.522 min Scan# 713
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

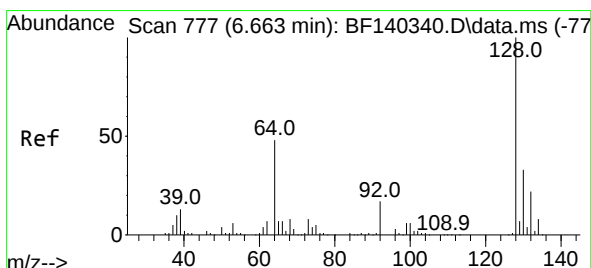
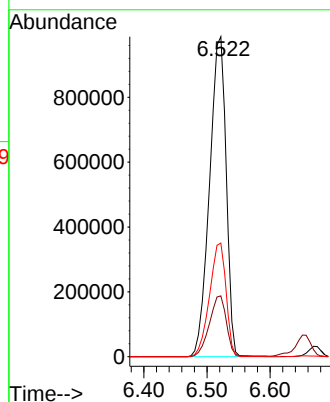
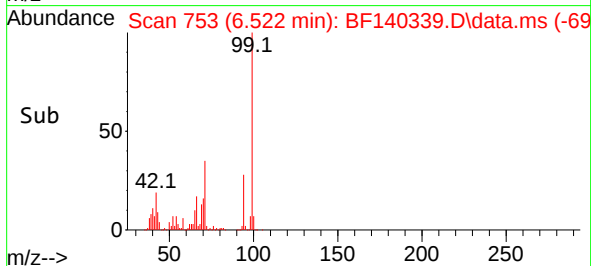
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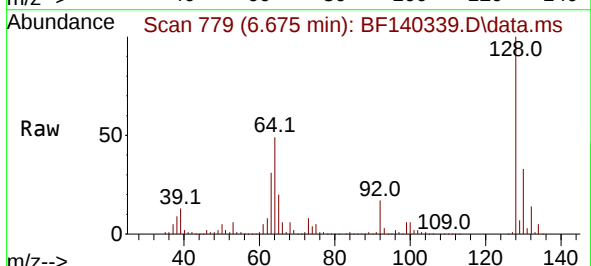
Tgt Ion: 99 Resp: 180425
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 35.5 27.9 41.9

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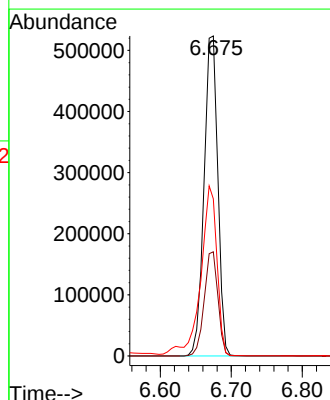
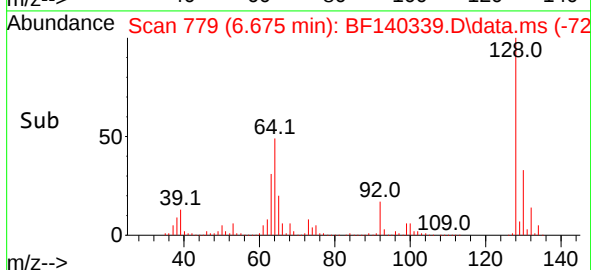
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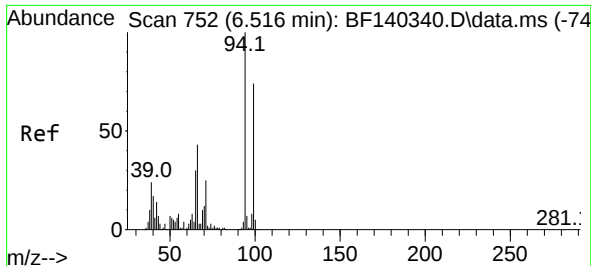


#8
2-Chlorophenol
Concen: 70.295 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:128 Resp: 709152
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 49.1 30.2 70.2





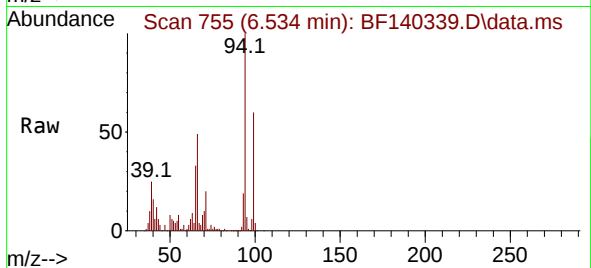
#10
Phenol
Concen: 70.649 ng
RT: 6.534 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



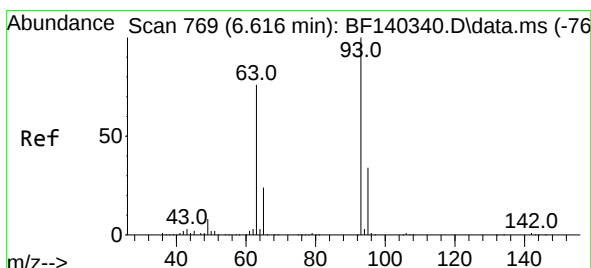
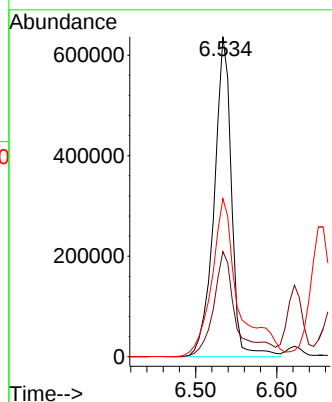
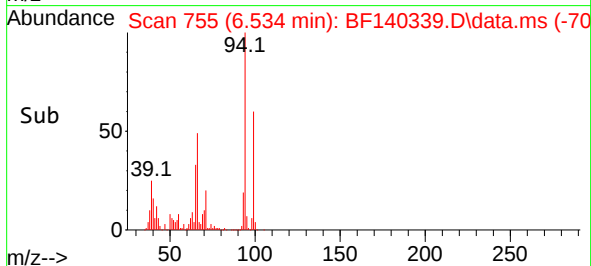
Tgt Ion: 94 Resp: 94799
Ion Ratio Lower Upper
94 100
65 32.8 10.4 50.4
66 49.4 22.9 62.9

Manual Integrations

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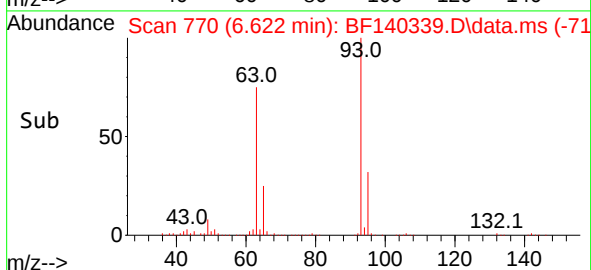
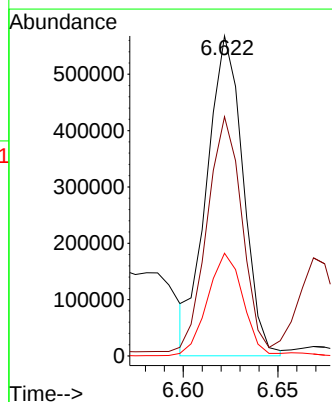
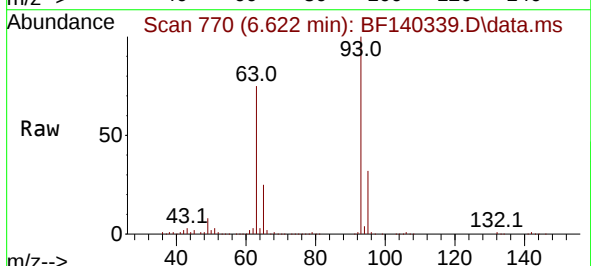
Reviewed By :Yogesh Patel 11/14/2024

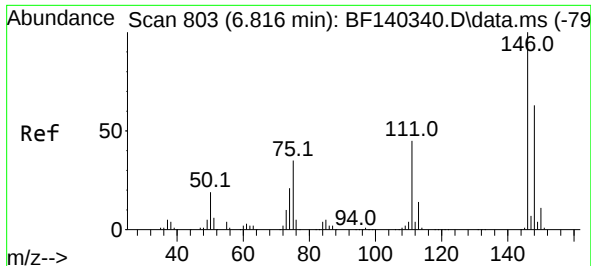
Supervised By :mohammad ahmed 11/15/2024



#11
bis(2-Chloroethyl)ether
Concen: 74.376 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 93 Resp: 756191
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 32.1 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 70.364 ng

RT: 6.822 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 783204

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

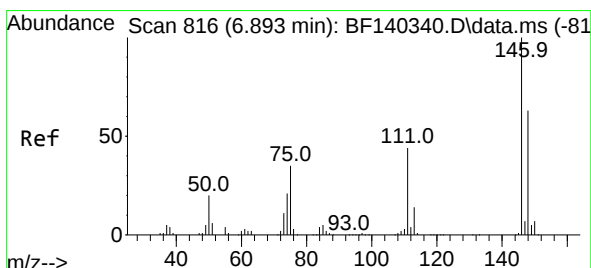
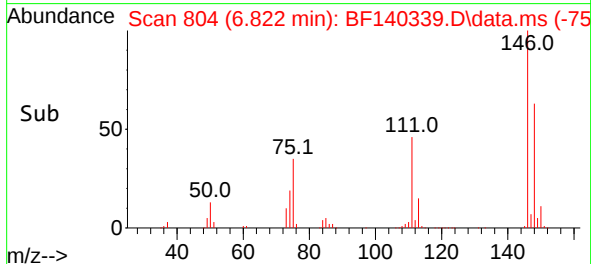
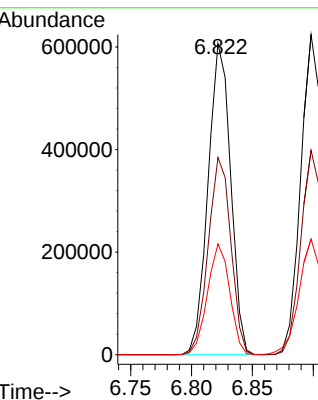
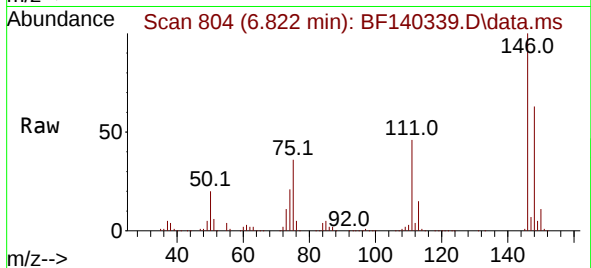
75 35.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#13

1,4-Dichlorobenzene

Concen: 69.404 ng

RT: 6.898 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

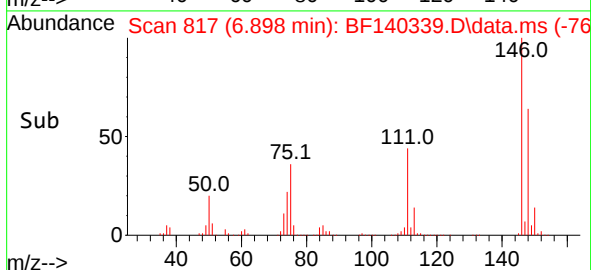
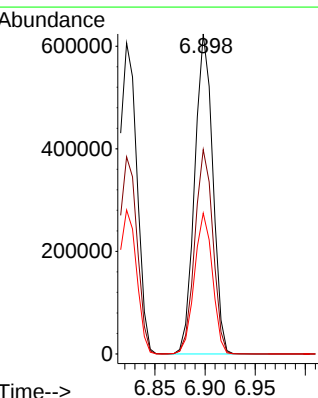
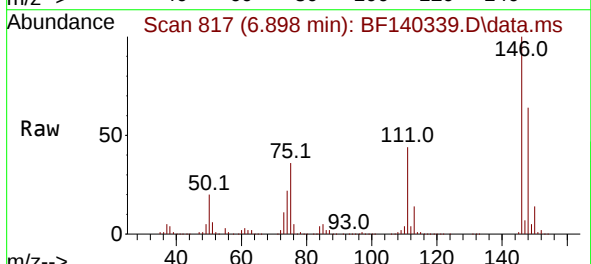
Tgt Ion:146 Resp: 783319

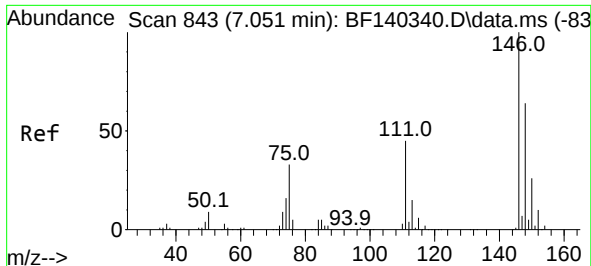
Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

111 44.0 34.2 51.2





#14
1,2-Dichlorobenzene
Concen: 67.802 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

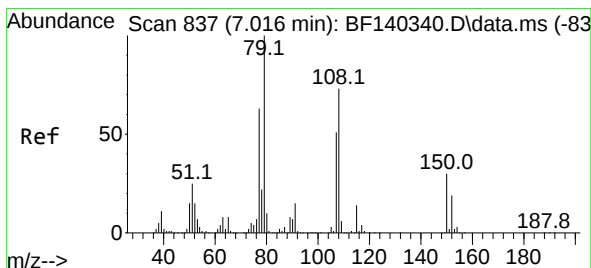
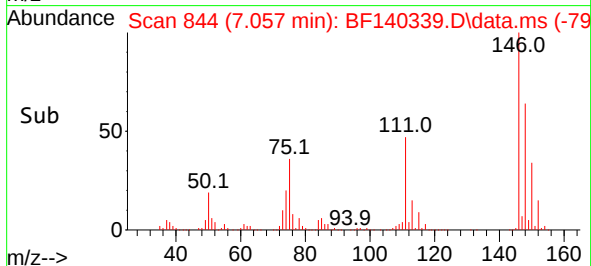
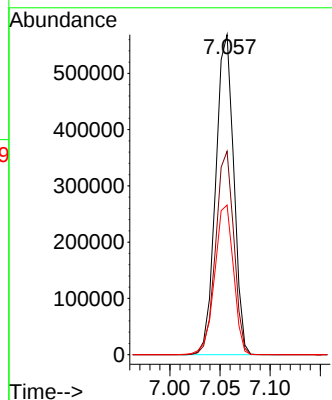
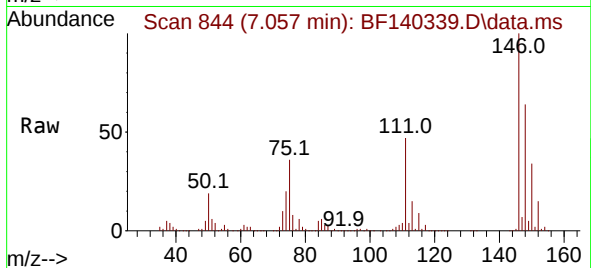
SSTDICC080

Tgt Ion:146 Resp: 710399
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 46.7 36.5 54.7

Manual Integrations

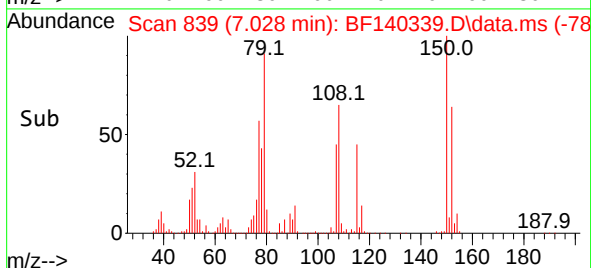
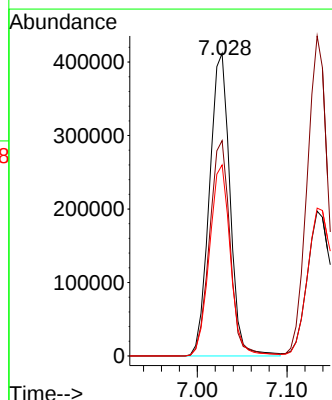
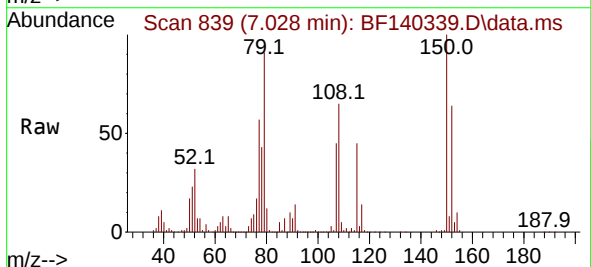
APPROVED

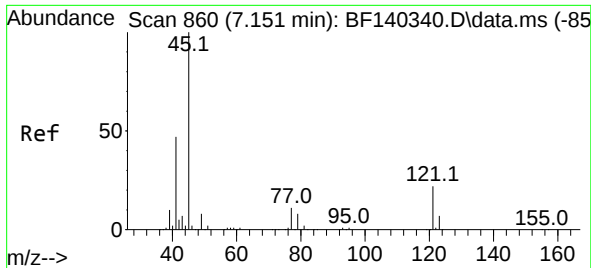
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#15
Benzyl Alcohol
Concen: 71.389 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 79 Resp: 654439
Ion Ratio Lower Upper
79 100
108 71.2 57.8 86.6
77 63.1 49.8 74.6





#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.738 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

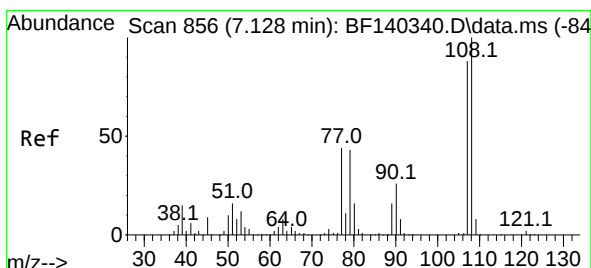
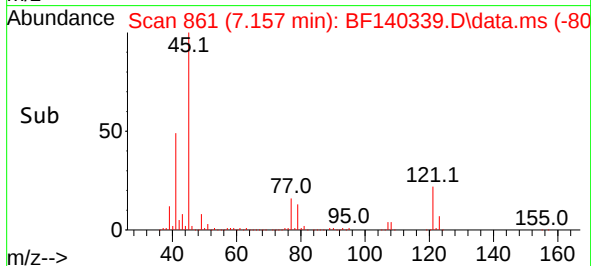
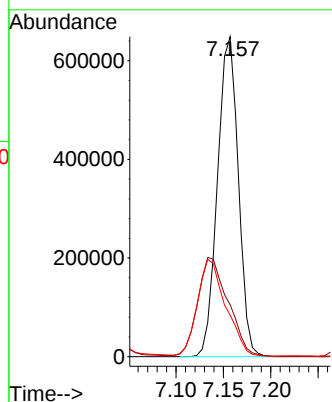
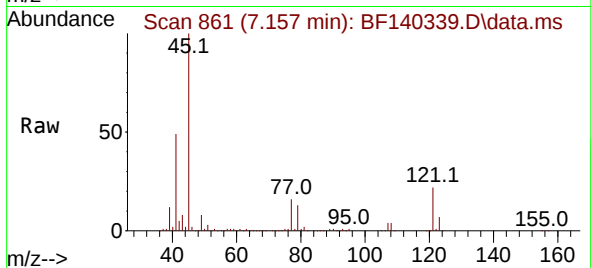
SSTDICC080

Tgt Ion: 45 Resp: 993408
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.8
79 13.0 0.0 31.4

Manual Integrations

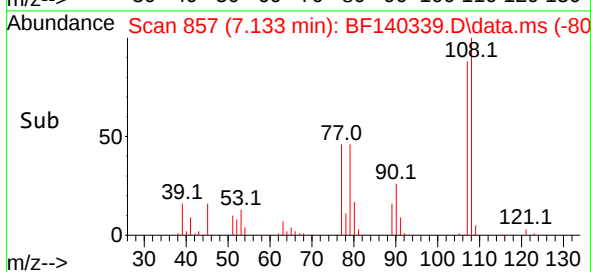
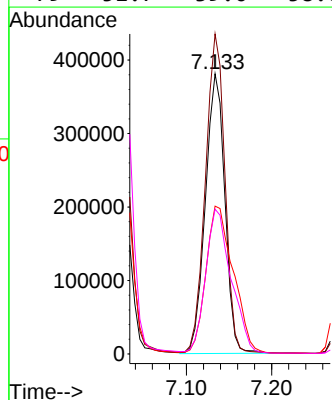
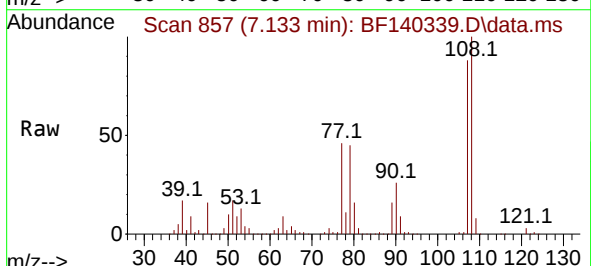
APPROVED

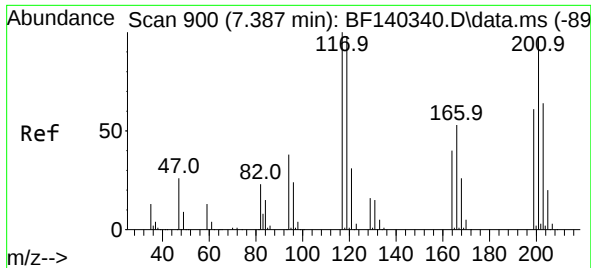
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#17
2-Methylphenol
Concen: 72.829 ng
RT: 7.133 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:107 Resp: 604396
Ion Ratio Lower Upper
107 100
108 114.2 91.9 137.9
77 52.8 39.7 59.5
79 51.7 39.0 58.6





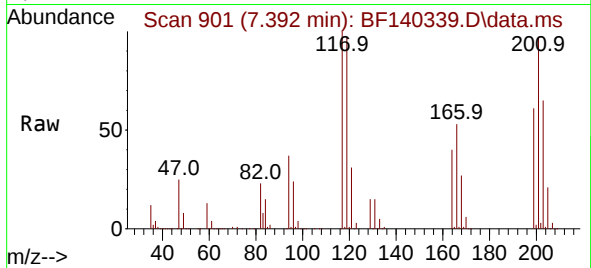
#18
Hexachloroethane
Concen: 71.979 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

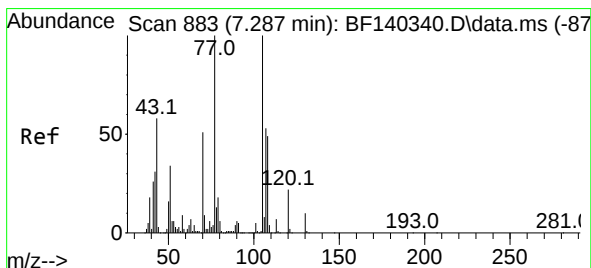
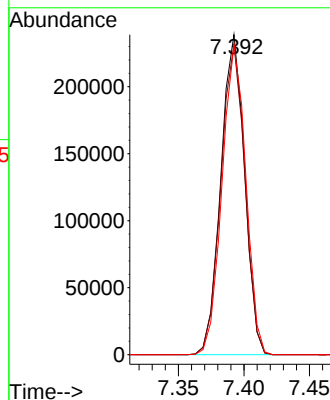
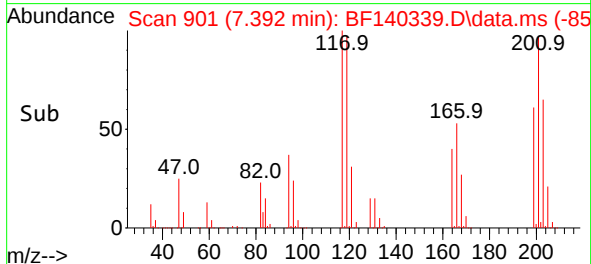


Tgt Ion:117 Resp: 300328
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3
201 96.7 80.2 120.4

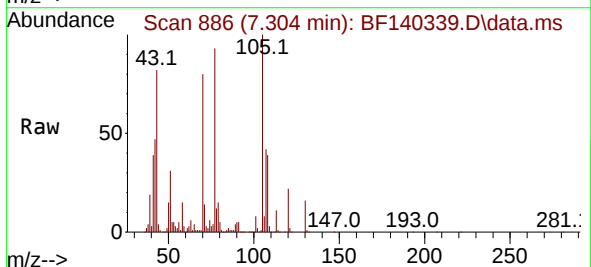
Manual Integrations

APPROVED

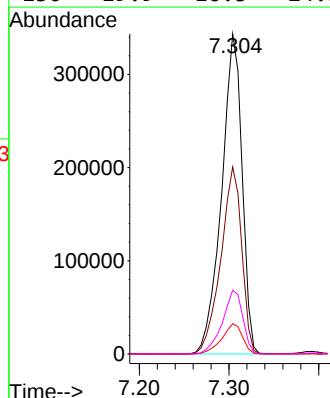
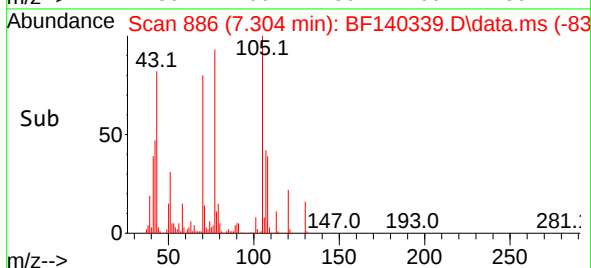
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

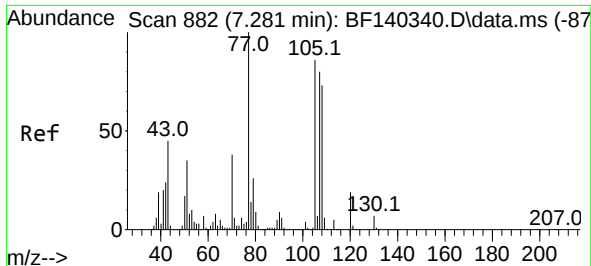


#19
n-Nitroso-di-n-propylamine
Concen: 70.790 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion: 70 Resp: 543998
Ion Ratio Lower Upper
70 100
42 58.5 46.8 70.2
101 9.4 7.5 11.3
130 19.9 16.3 24.5





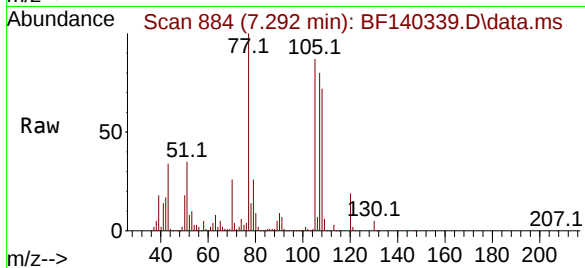
#20
3+4-Methylphenols
Concen: 67.394 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

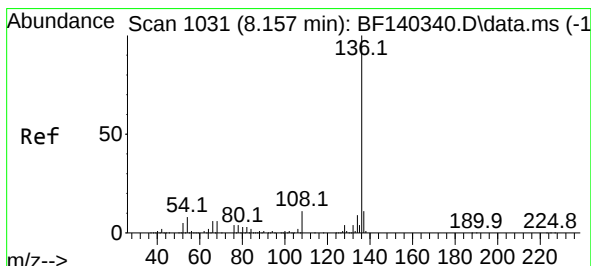
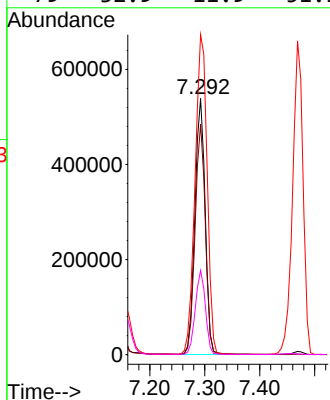
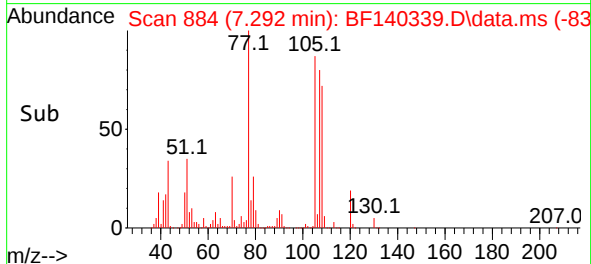


Tgt Ion:107 Resp: 69945
Ion Ratio Lower Upper
107 100
108 90.0 71.4 111.4
77 125.0 97.0 137.0
79 32.9 11.9 51.9

Manual Integrations

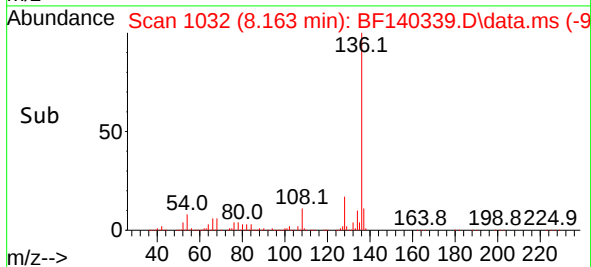
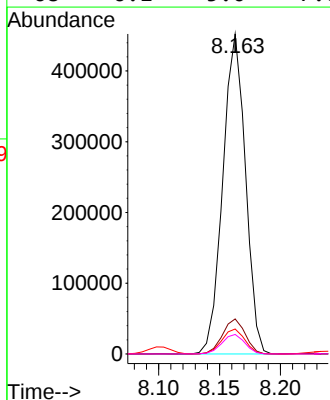
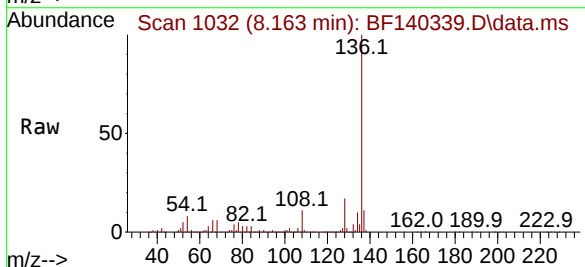
APPROVED

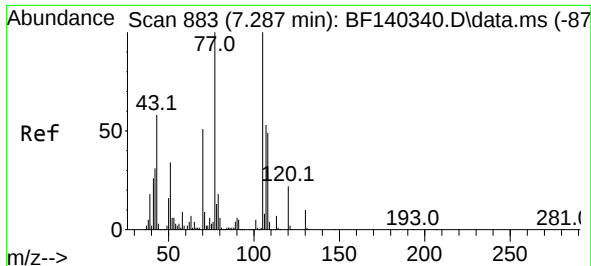
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:136 Resp: 586224
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.1 5.0 7.6





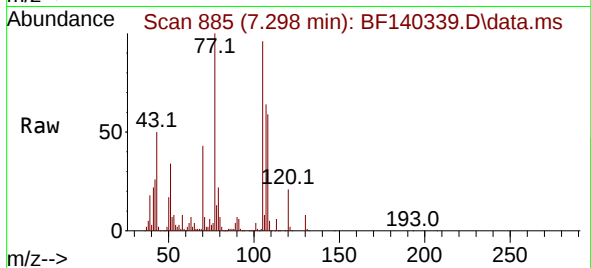
#22
Acetophenone
Concen: 70.637 ng
RT: 7.298 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

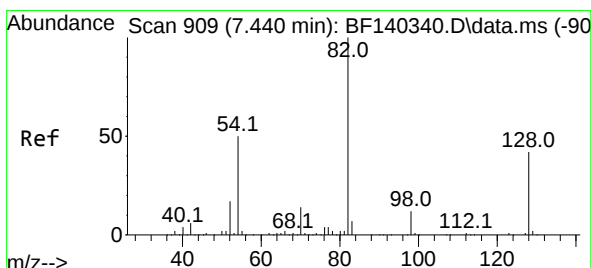
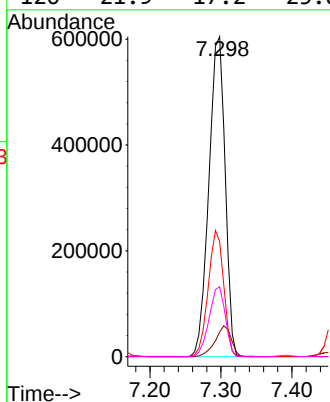
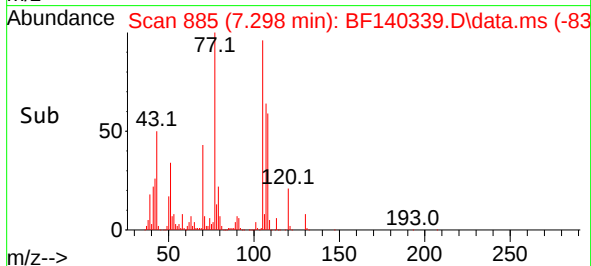


Tgt Ion:105 Resp: 96309
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 36.0 28.6 43.0
120 21.9 17.2 25.8

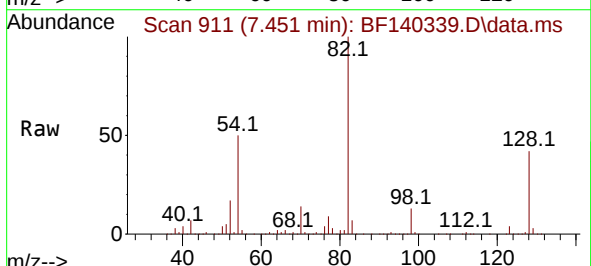
Manual Integrations

APPROVED

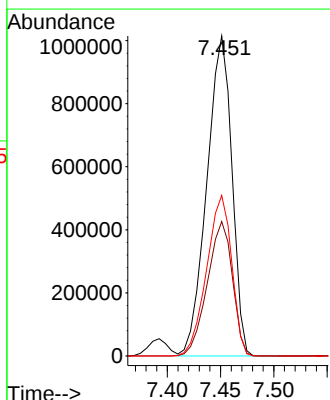
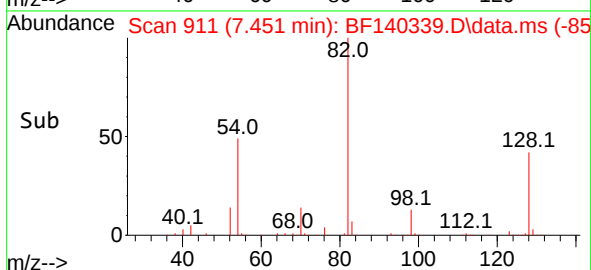
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

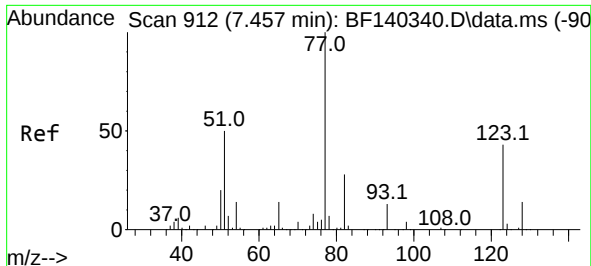


#23
Nitrobenzene-d5
Concen: 147.640 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion: 82 Resp: 1661144
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 50.1 39.8 59.8





#24
Nitrobenzene
Concen: 74.350 ng
RT: 7.469 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

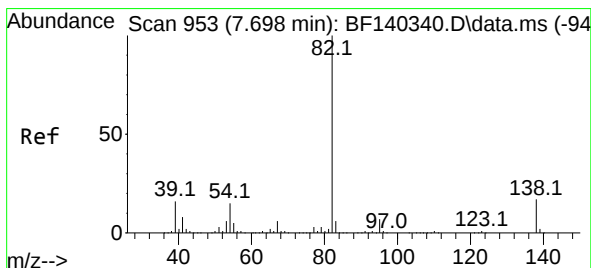
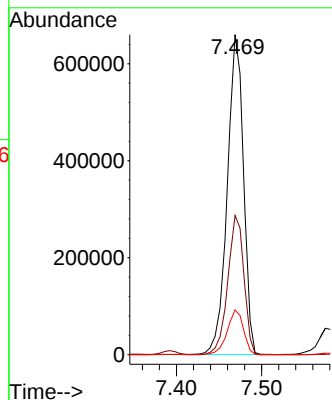
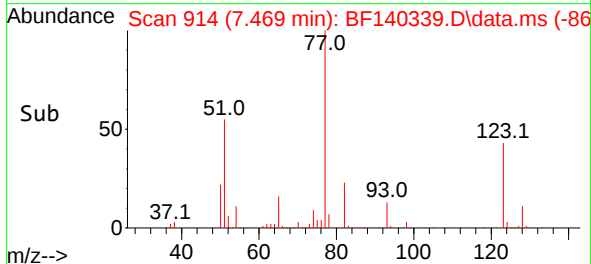
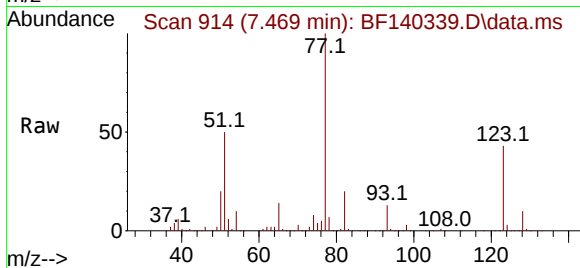
SSTDICC080

Tgt Ion: 77 Resp: 870970
Ion Ratio Lower Upper
77 100
123 43.5 35.4 53.0
65 14.0 11.1 16.7

Manual Integrations

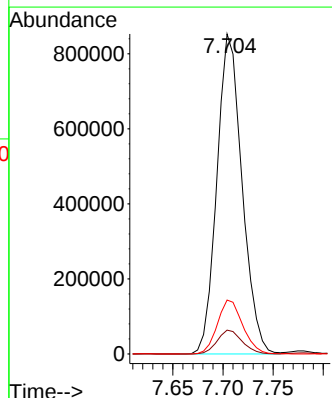
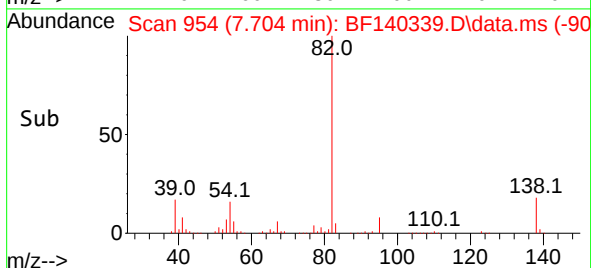
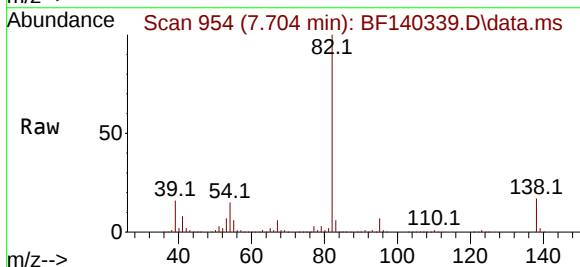
APPROVED

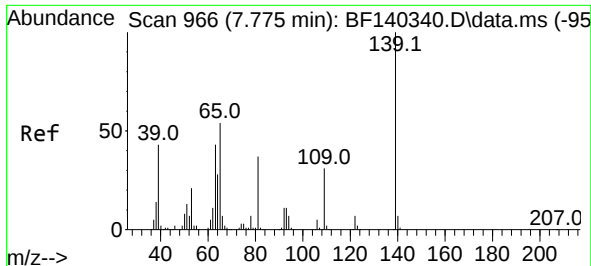
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#25
Isophorone
Concen: 74.586 ng
RT: 7.704 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion: 82 Resp: 1487295
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.9 13.4 20.2





#26
2-Nitrophenol
Concen: 77.328 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

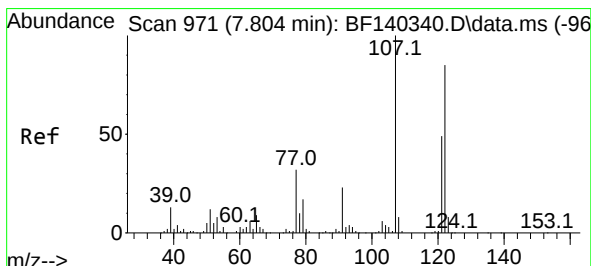
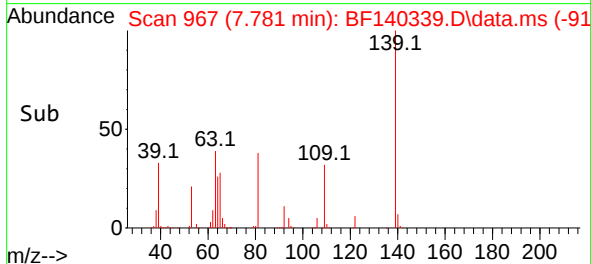
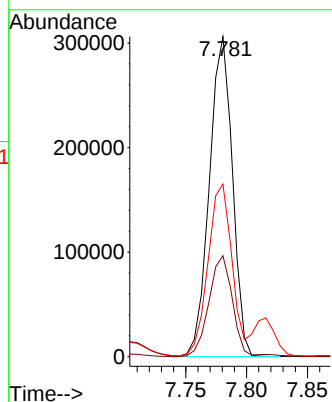
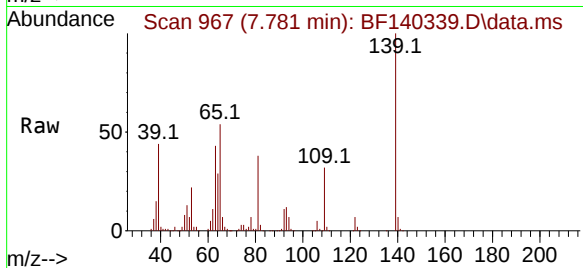
ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 40198
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 53.9 42.8 64.2

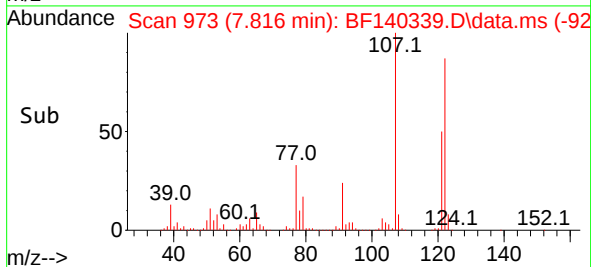
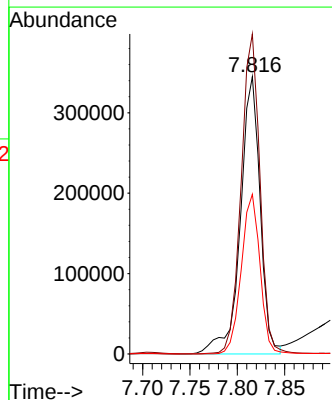
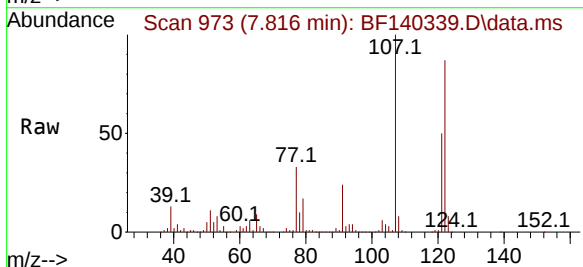
Manual Integrations
APPROVED

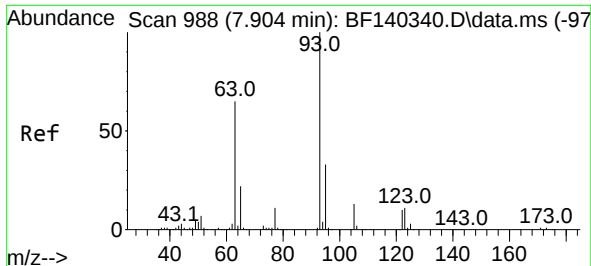
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#27
2,4-Dimethylphenol
Concen: 75.234 ng
RT: 7.816 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:122 Resp: 500708
Ion Ratio Lower Upper
122 100
107 115.4 91.3 136.9
121 57.6 45.5 68.3





#28
bis(2-Chloroethoxy)methane
Concen: 72.597 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

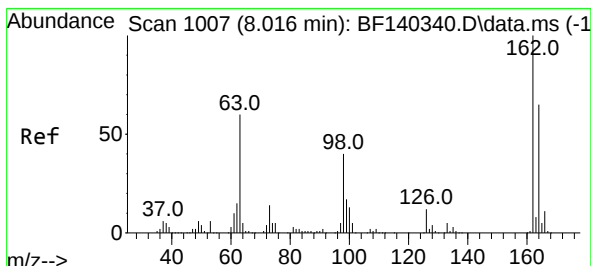
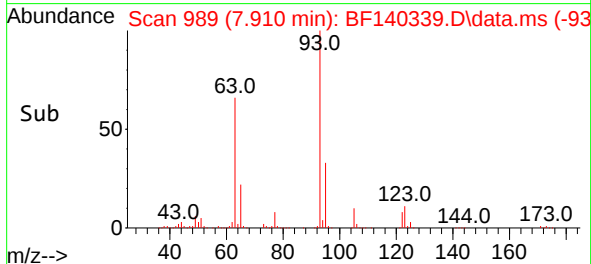
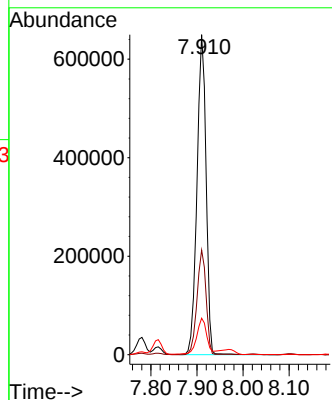
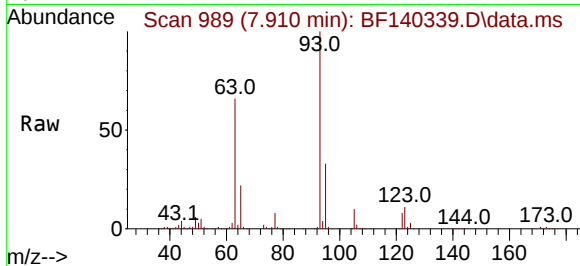
ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 88765
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 11.4 9.2 13.8

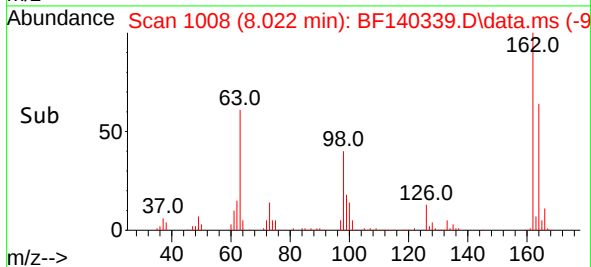
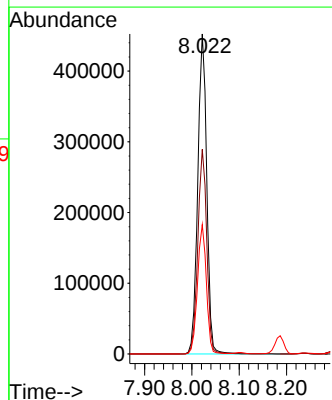
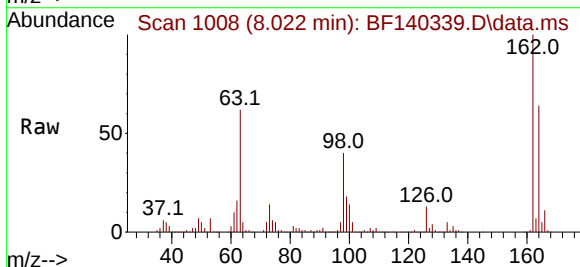
Manual Integrations
APPROVED

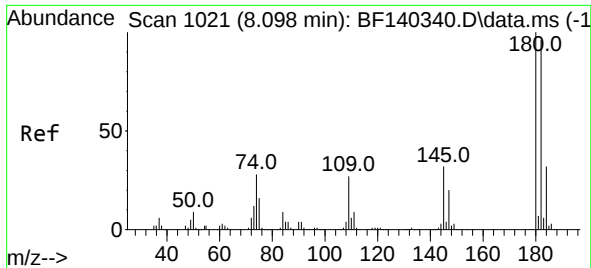
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#29
2,4-Dichlorophenol
Concen: 72.647 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:162 Resp: 597530
Ion Ratio Lower Upper
162 100
164 64.0 45.4 85.4
98 40.4 19.9 59.9





#30
1,2,4-Trichlorobenzene
Concen: 72.454 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

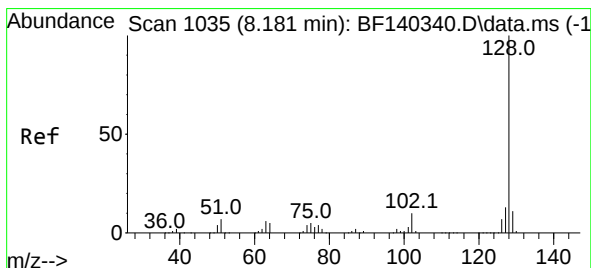
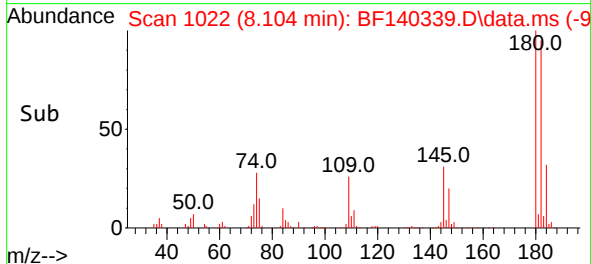
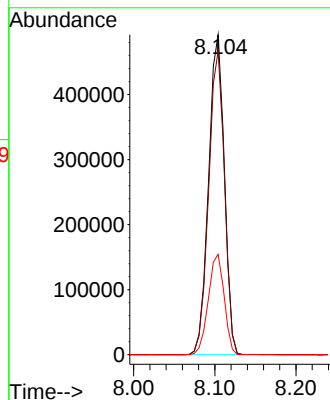
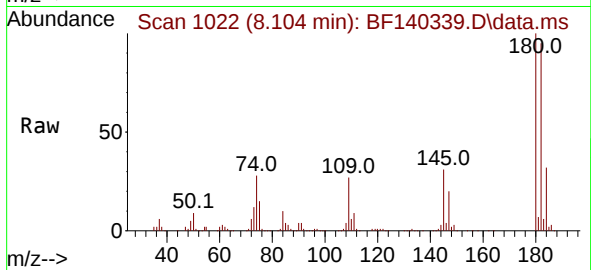
SSTDICC080

Tgt Ion:180 Resp: 663478
Ion Ratio Lower Upper
180 100
182 94.9 76.5 114.7
145 31.4 25.3 37.9

Manual Integrations

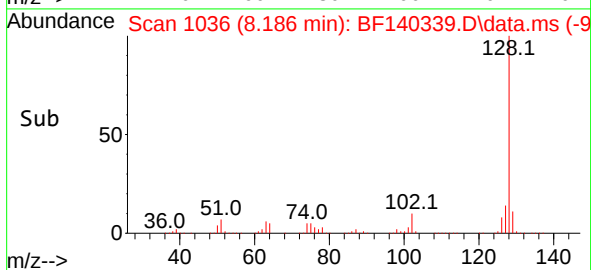
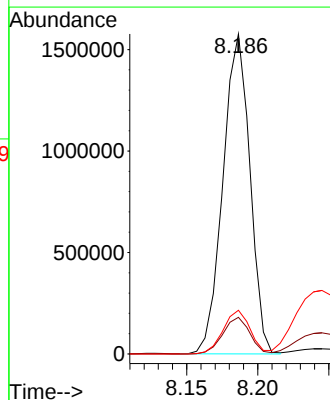
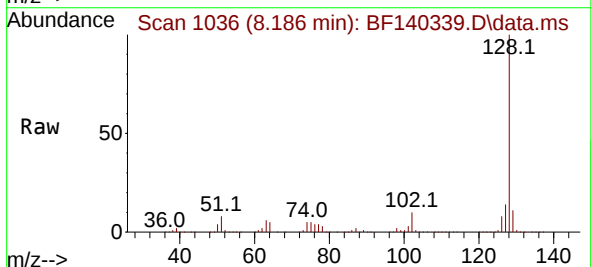
APPROVED

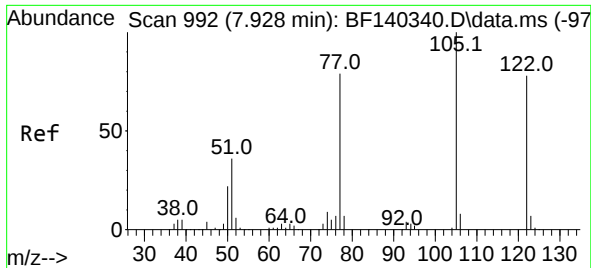
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#31
Naphthalene
Concen: 69.842 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:128 Resp: 2076967
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.7 10.6 15.8





#32
Benzoic acid
Concen: 90.483 ng
RT: 7.969 min Scan# 992
Delta R.T. 0.041 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

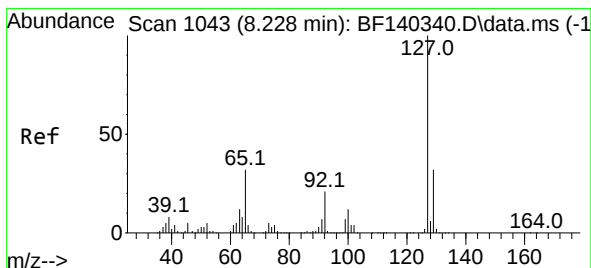
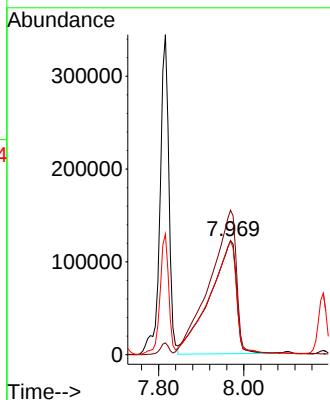
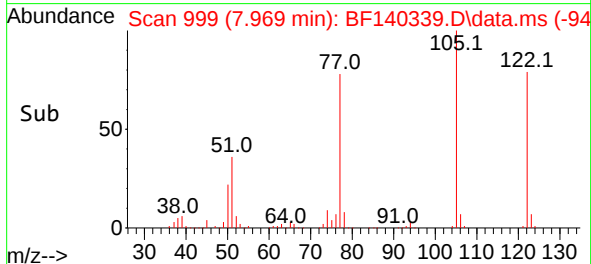
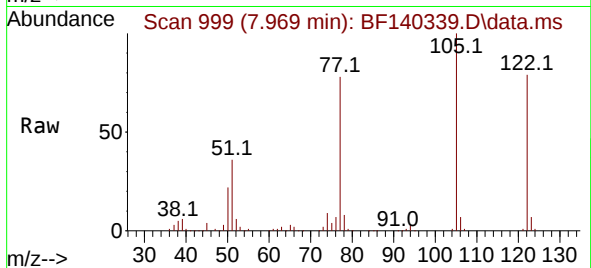
ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 529009
Ion Ratio Lower Upper
122 100
105 126.5 100.9 140.9
77 99.3 76.0 116.0

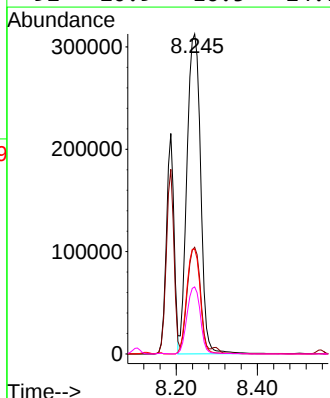
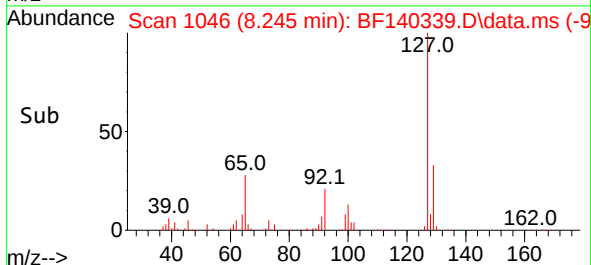
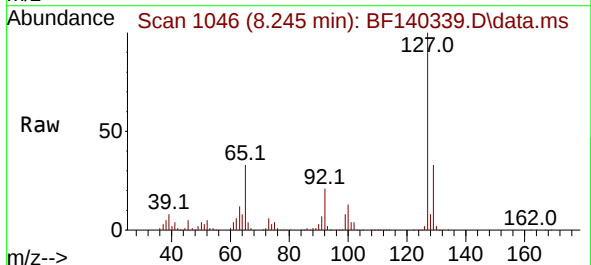
Manual Integrations
APPROVED

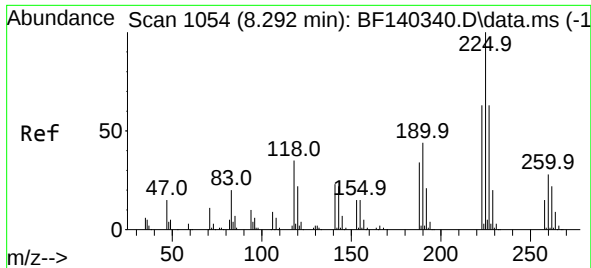
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#33
4-Chloroaniline
Concen: 70.572 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:127 Resp: 729859
Ion Ratio Lower Upper
127 100
129 33.4 26.2 39.4
65 32.7 25.8 38.6
92 20.9 16.5 24.7





#34
Hexachlorobutadiene
Concen: 71.513 ng
RT: 8.298 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

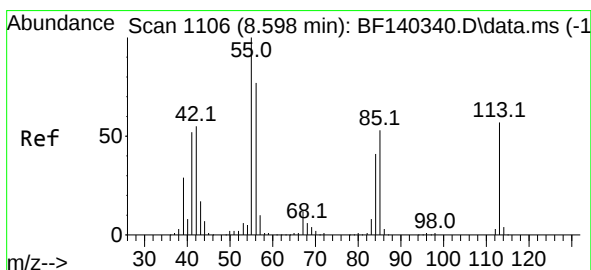
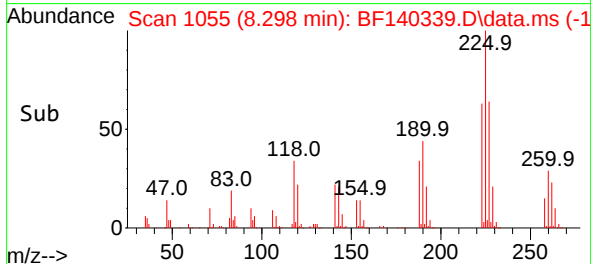
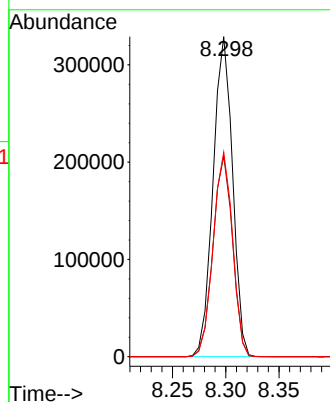
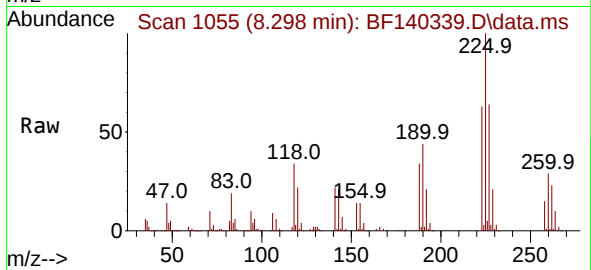
SSTDICC080

Tgt Ion:225 Resp: 41724
Ion Ratio Lower Upper
225 100
223 62.7 50.1 75.1
227 63.9 51.3 76.9

Manual Integrations

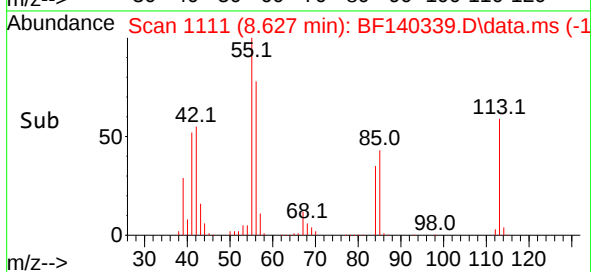
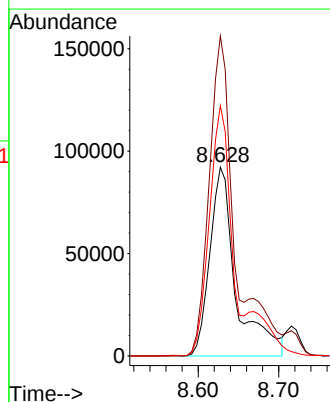
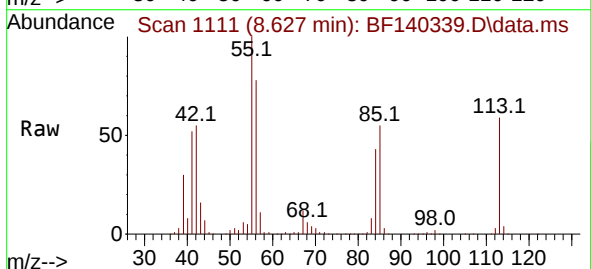
APPROVED

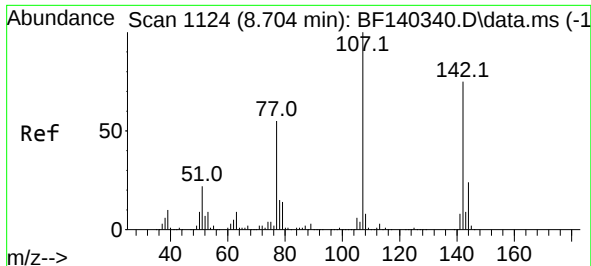
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#35
Caprolactam
Concen: 75.344 ng m
RT: 8.627 min Scan# 1111
Delta R.T. 0.029 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:113 Resp: 208353
Ion Ratio Lower Upper
113 100
55 169.5 150.0 190.0
56 132.5 111.1 151.1





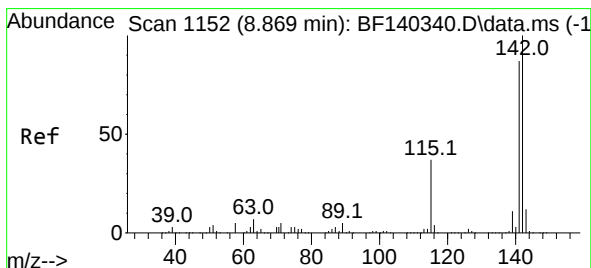
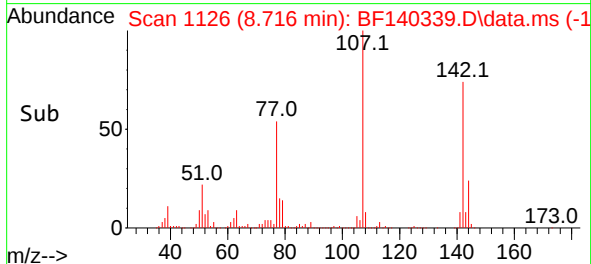
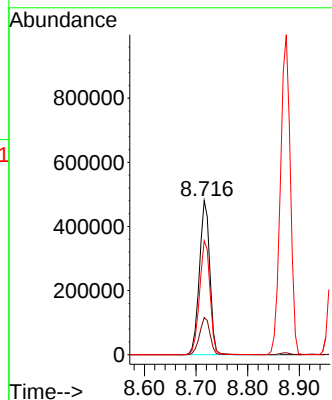
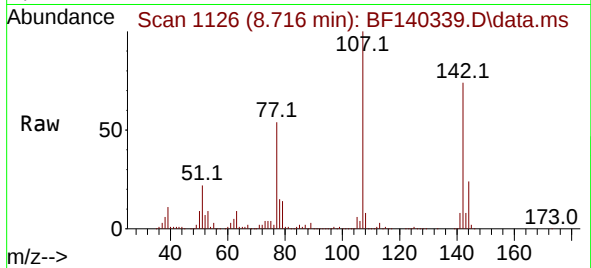
#36
4-Chloro-3-methylphenol
Concen: 73.742 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 67216
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 74.0 59.4 89.0

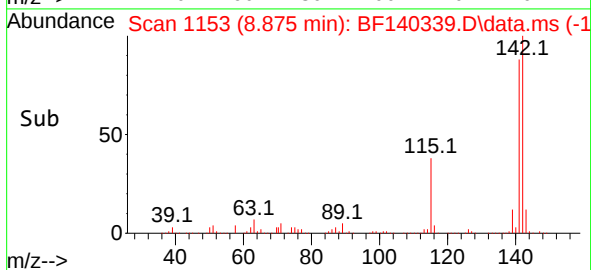
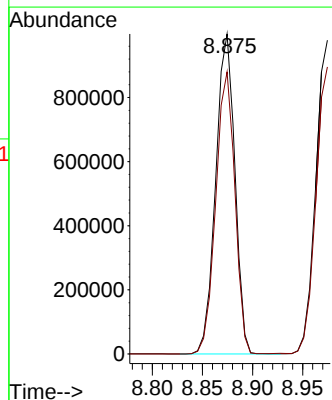
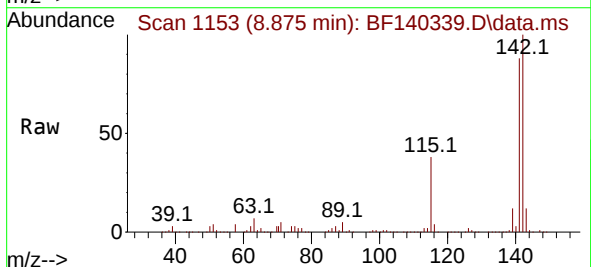
Manual Integrations
APPROVED

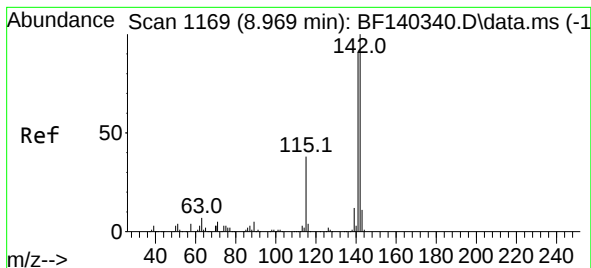
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#37
2-Methylnaphthalene
Concen: 69.428 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:142 Resp: 1323889
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6





#38

1-Methylnaphthalene

Concen: 69.046 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1289270

Ion Ratio Lower Upper

142 100

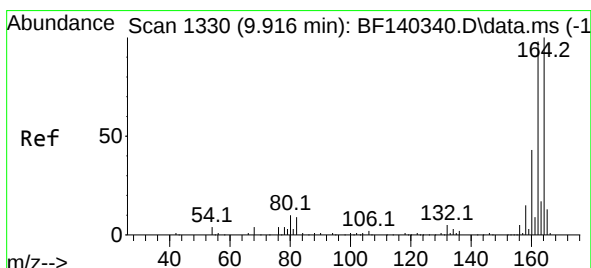
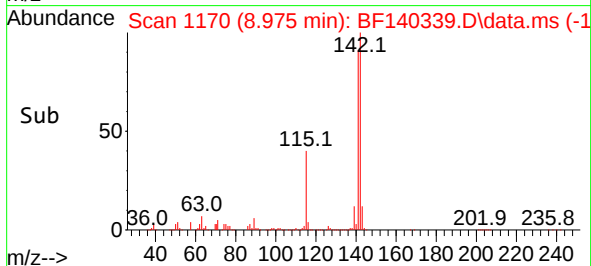
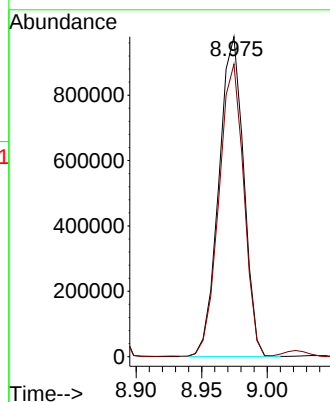
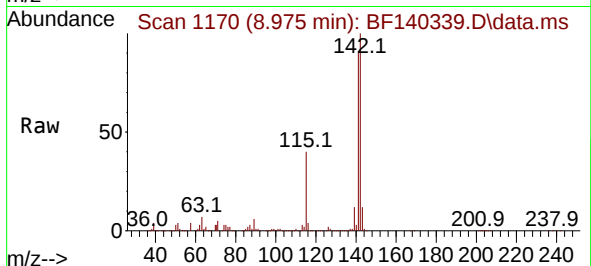
141 91.5 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

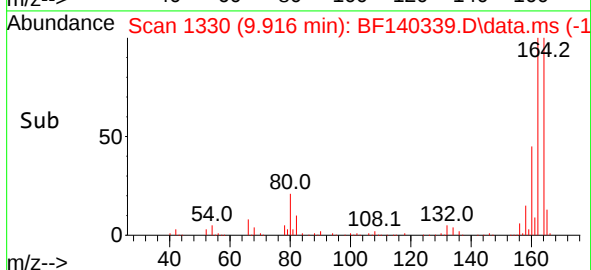
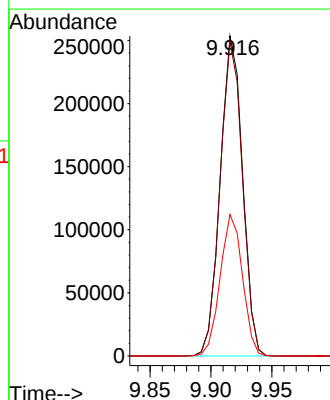
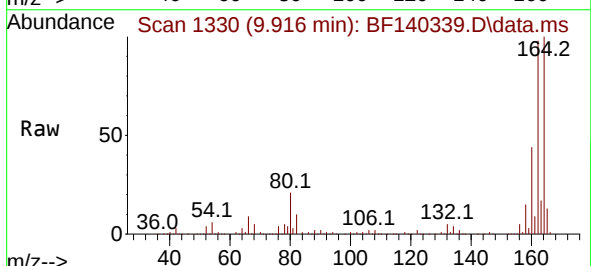
Tgt Ion:164 Resp: 324351

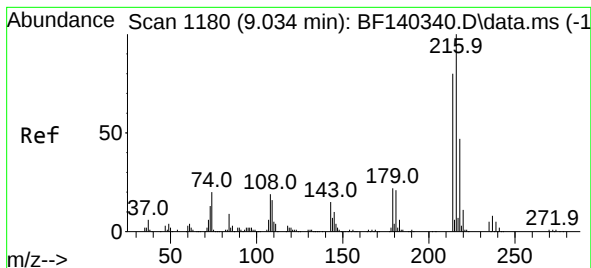
Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 44.2 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.223 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 629850

Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 21.5 17.2 25.8

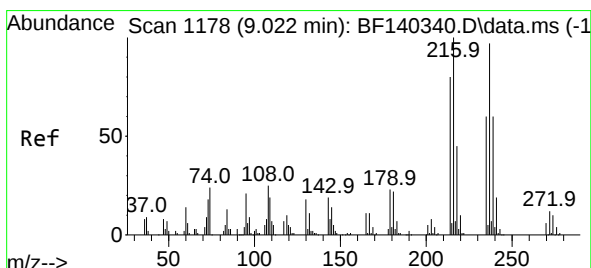
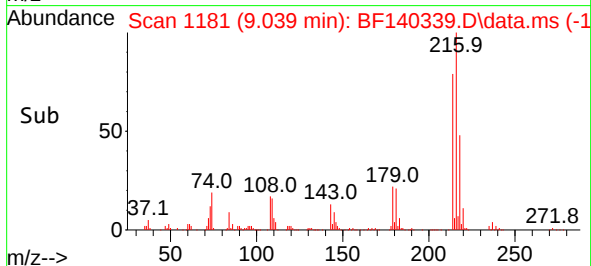
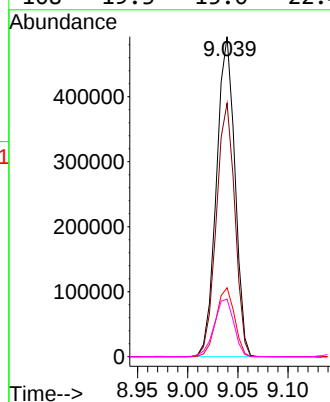
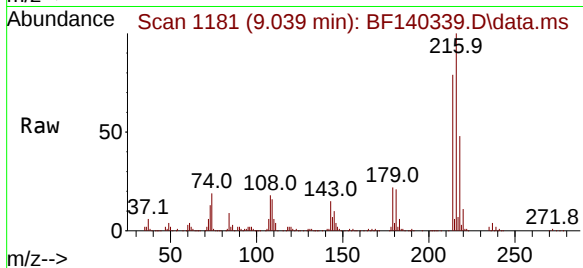
108 19.3 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#41

Hexachlorocyclopentadiene

Concen: 81.579 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

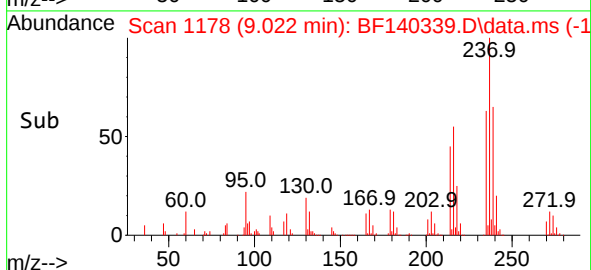
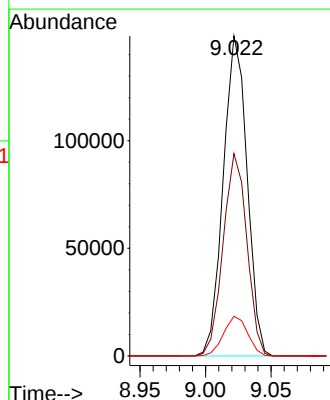
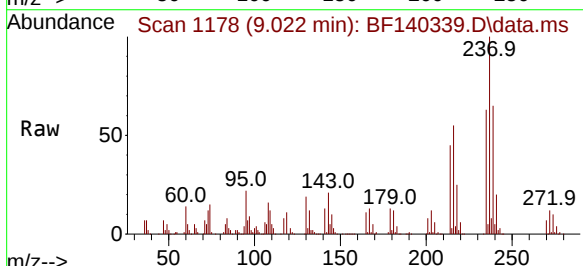
Tgt Ion:237 Resp: 187869

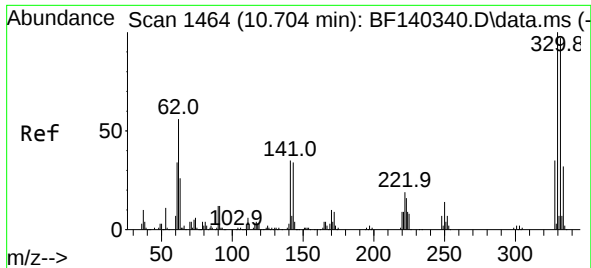
Ion Ratio Lower Upper

237 100

235 63.2 42.8 82.8

272 12.4 0.0 33.1





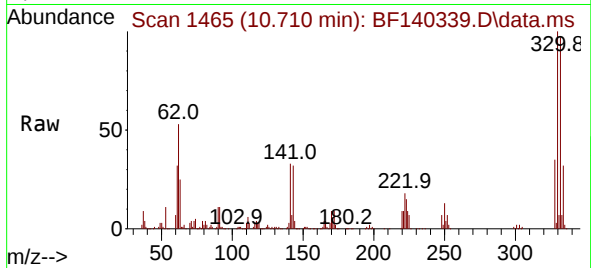
#42
2,4,6-Tribromophenol
Concen: 146.244 ng
RT: 10.710 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



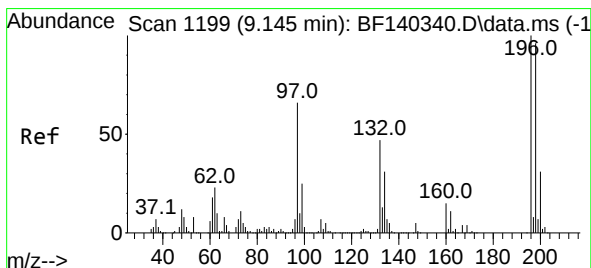
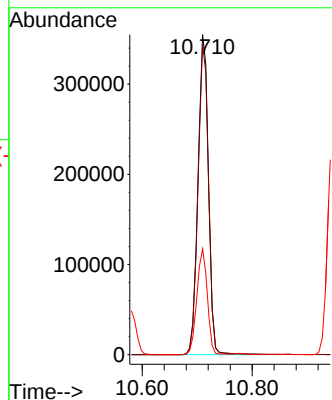
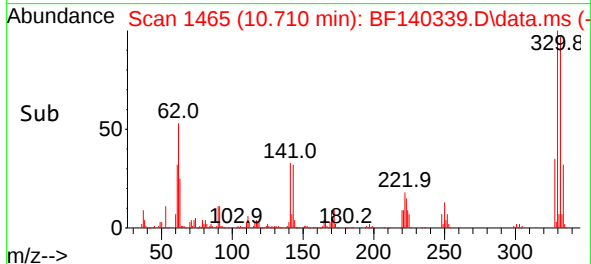
Tgt Ion:330 Resp: 471699
Ion Ratio Lower Upper
330 100
332 97.1 75.9 113.9
141 32.9 26.9 40.3

Manual Integrations

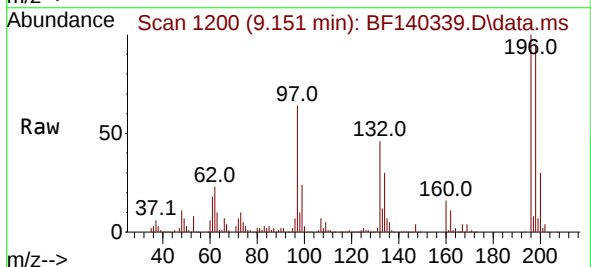
APPROVED

Reviewed By :Yogesh Patel 11/14/2024

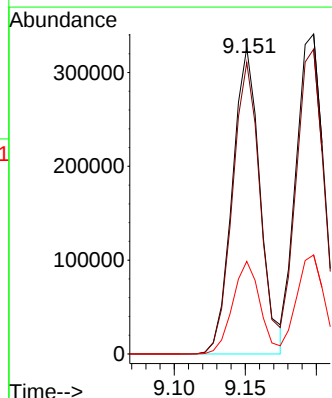
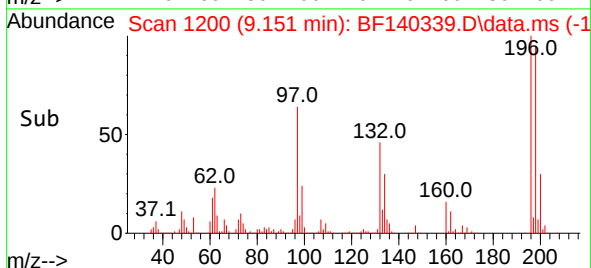
Supervised By :mohammad ahmed 11/15/2024

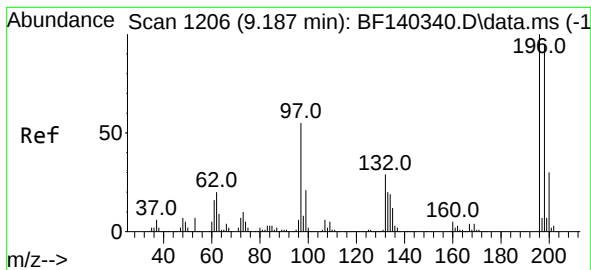


#43
2,4,6-Trichlorophenol
Concen: 75.110 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:196 Resp: 442116
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
200 30.2 24.2 36.4





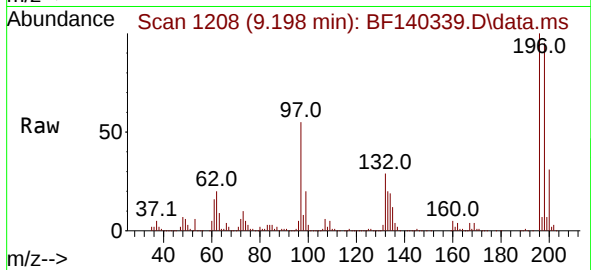
#44
2,4,5-Trichlorophenol
Concen: 72.781 ng
RT: 9.198 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



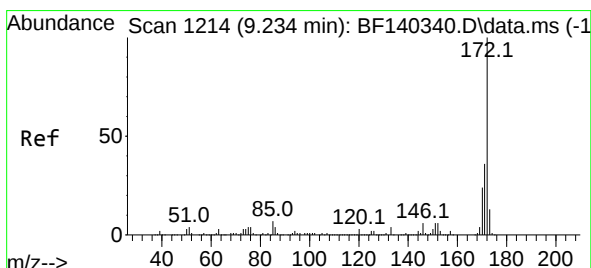
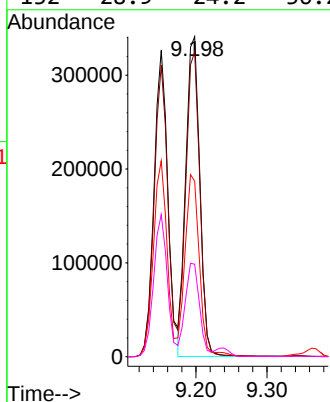
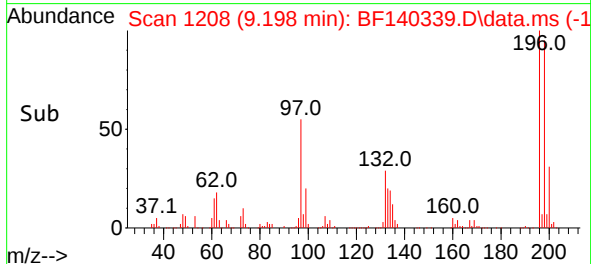
Tgt Ion:196 Resp: 468390
Ion Ratio Lower Upper
196 100
198 95.3 77.6 116.4
97 54.8 45.4 68.2
132 28.9 24.2 36.2

Manual Integrations

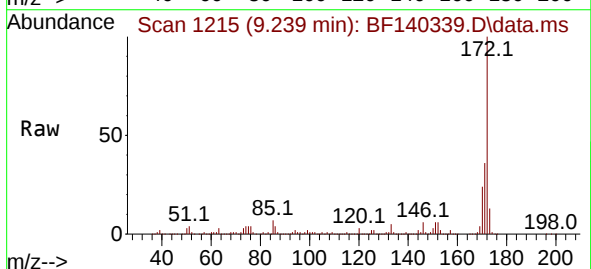
APPROVED

Reviewed By :Yogesh Patel 11/14/2024

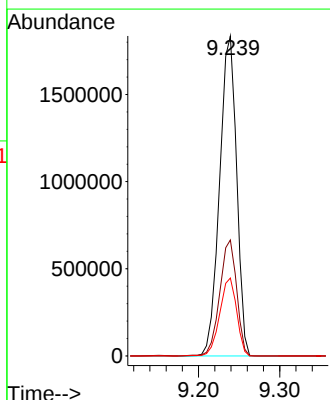
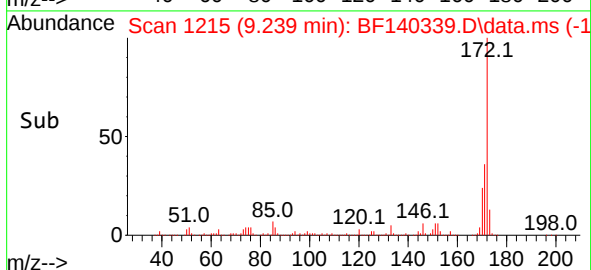
Supervised By :mohammad ahmed 11/15/2024

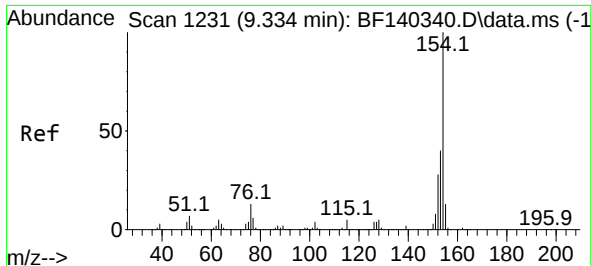


#45
2-Fluorobiphenyl
Concen: 132.597 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:172 Resp: 2675376
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.4 19.1 28.7





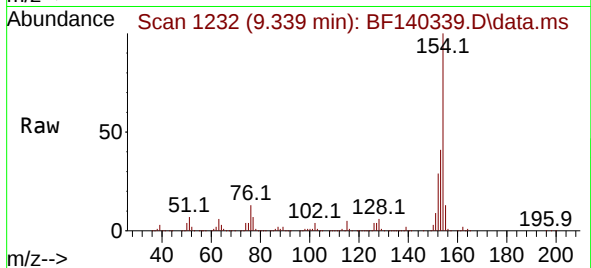
#46
1,1'-Biphenyl
Concen: 68.375 ng
RT: 9.339 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

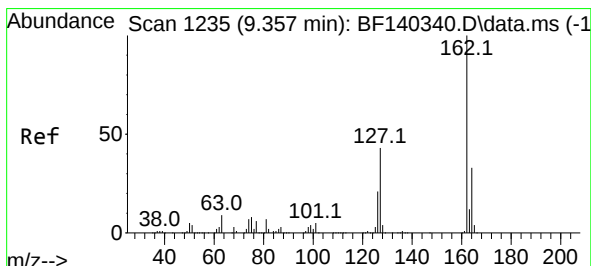
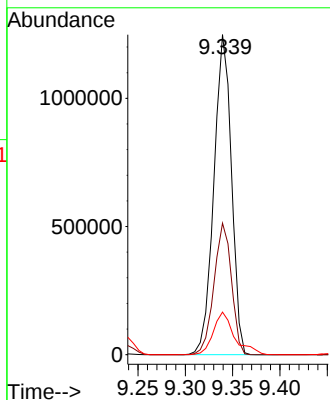
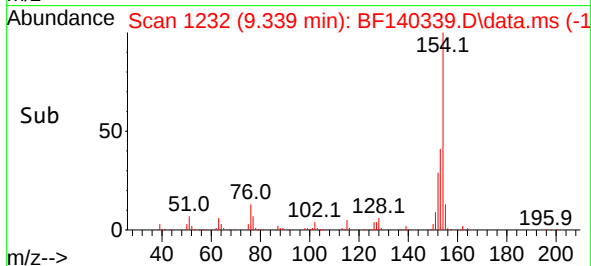


Tgt Ion:154 Resp: 1613420
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 13.3 0.0 32.9

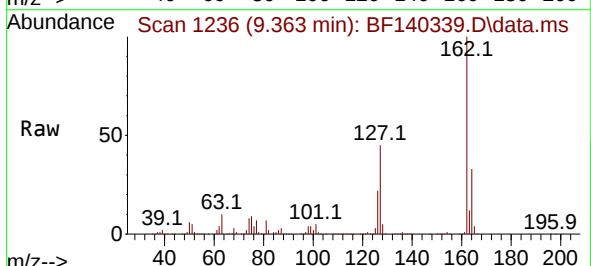
Manual Integrations

APPROVED

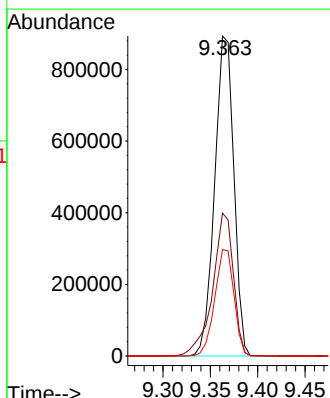
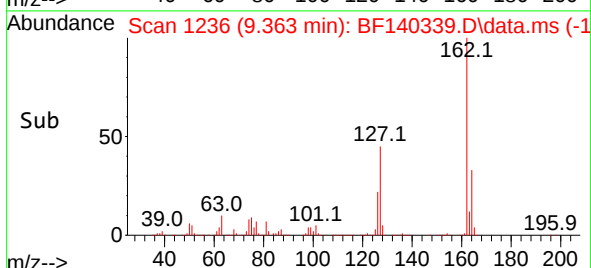
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

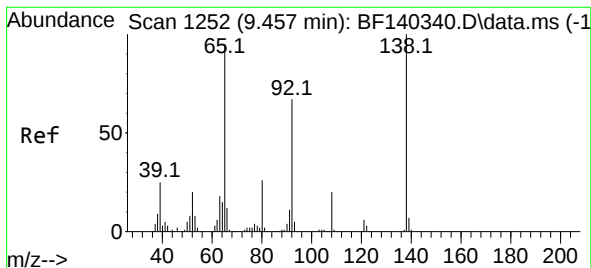


#47
2-Chloronaphthalene
Concen: 70.067 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:162 Resp: 1259442
Ion Ratio Lower Upper
162 100
127 44.7 34.0 51.0
164 33.3 26.5 39.7





#48

2-Nitroaniline

Concen: 76.323 ng

RT: 9.463 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140339.D

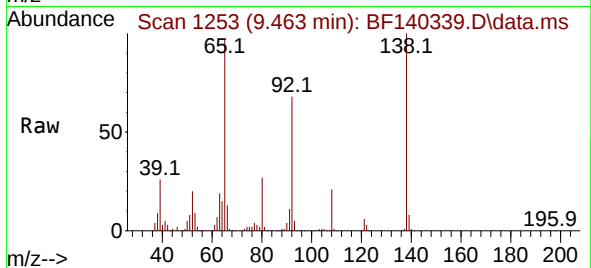
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 65 Resp: 45497

Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

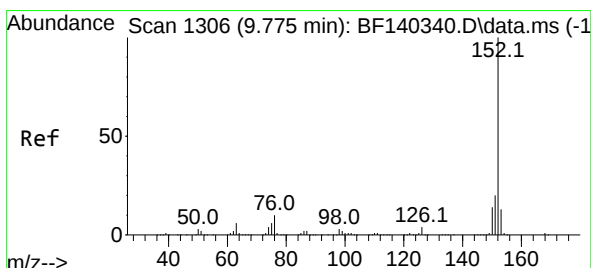
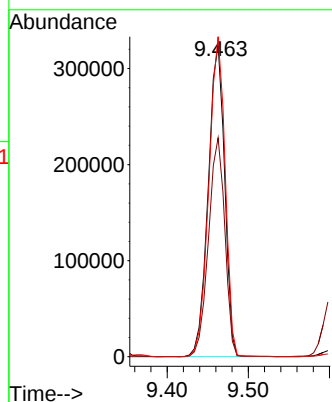
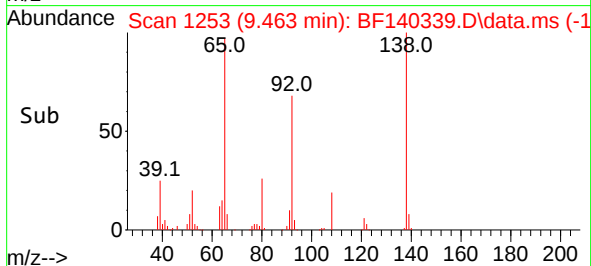
138 102.6 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#49

Acenaphthylene

Concen: 68.758 ng

RT: 9.780 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

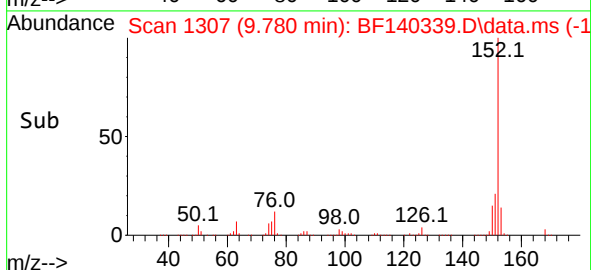
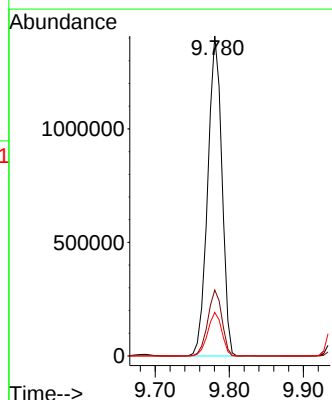
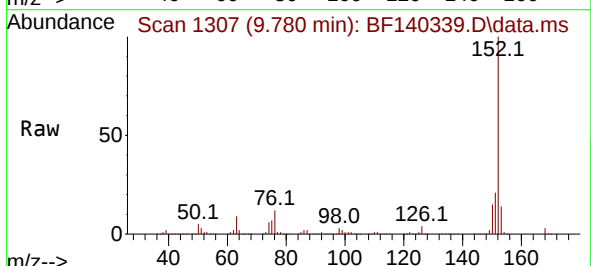
Tgt Ion:152 Resp: 1869941

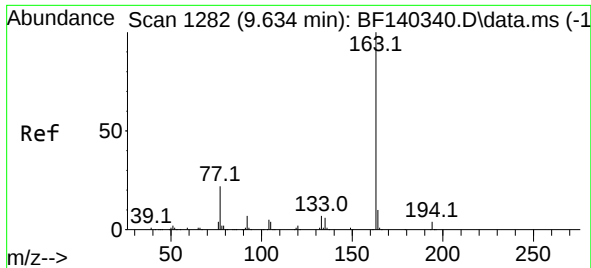
Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 13.6 10.7 16.1





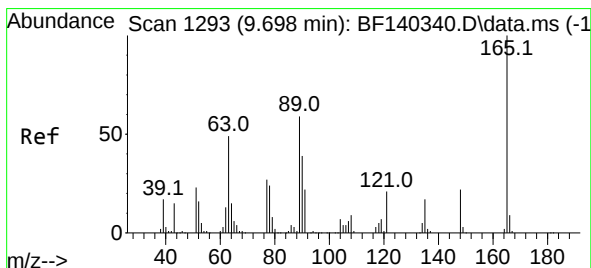
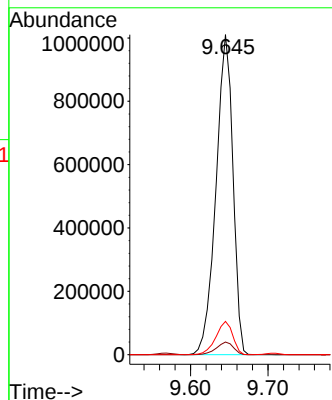
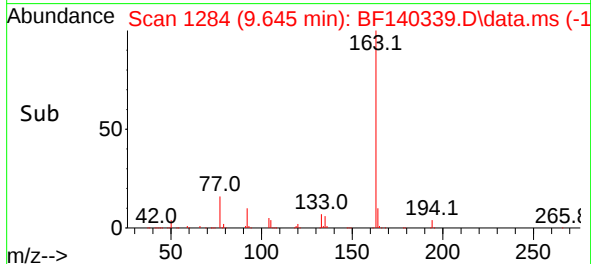
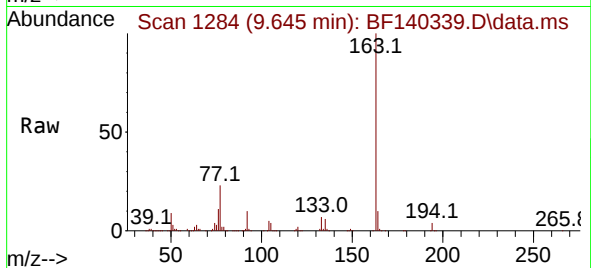
#50
Dimethylphthalate
Concen: 72.473 ng
RT: 9.645 min Scan# 1282
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 153219
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.4 8.2 12.4

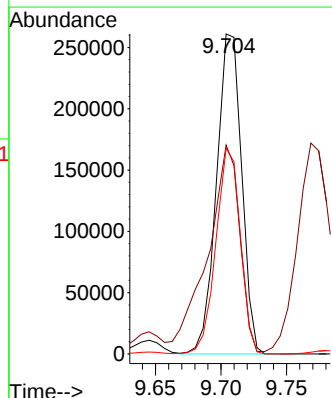
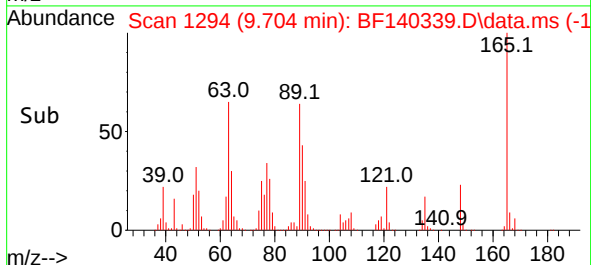
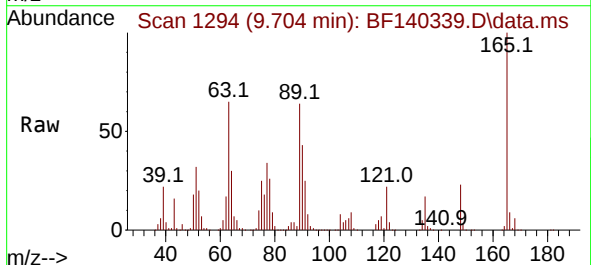
Manual Integrations
APPROVED

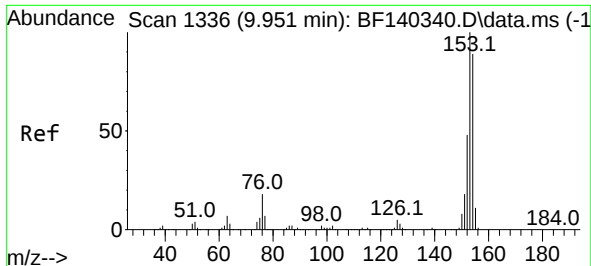
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#51
2,6-Dinitrotoluene
Concen: 72.207 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

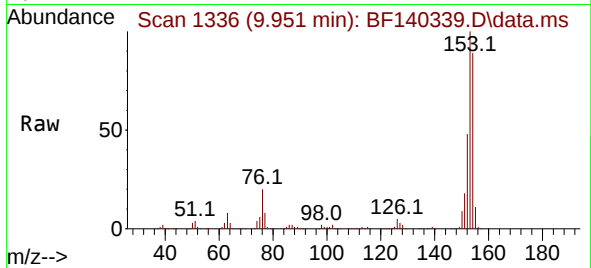
Tgt Ion:165 Resp: 348019
Ion Ratio Lower Upper
165 100
63 65.3 47.6 71.4
89 64.3 48.1 72.1





#52
Acenaphthene
Concen: 71.065 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

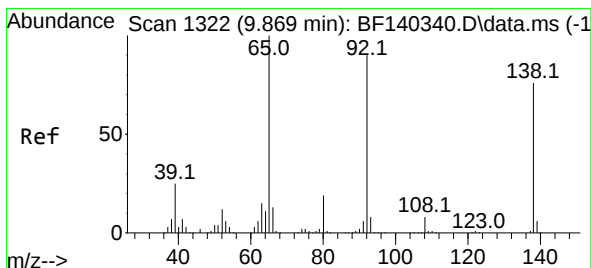
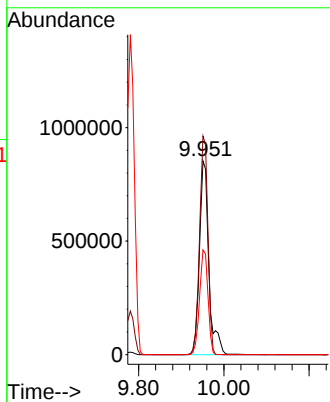
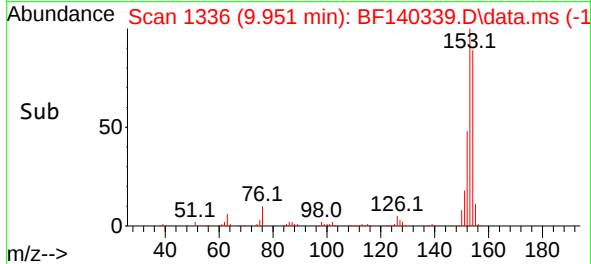
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 1305360
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.8
152 54.1 42.6 64.0

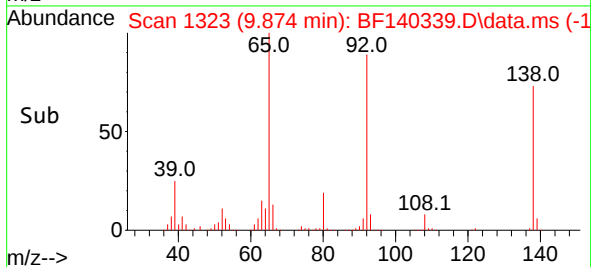
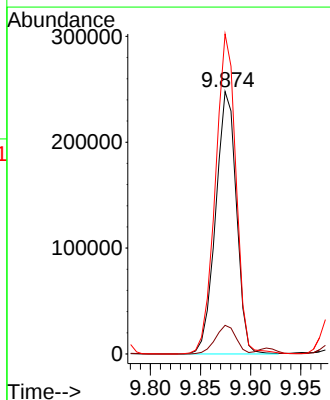
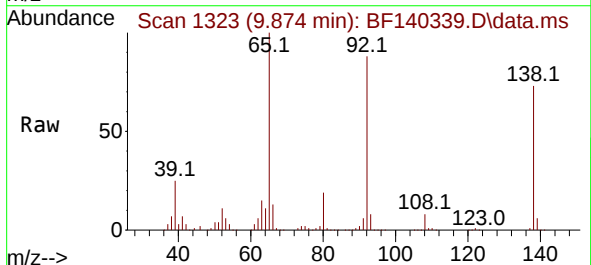
Manual Integrations
APPROVED

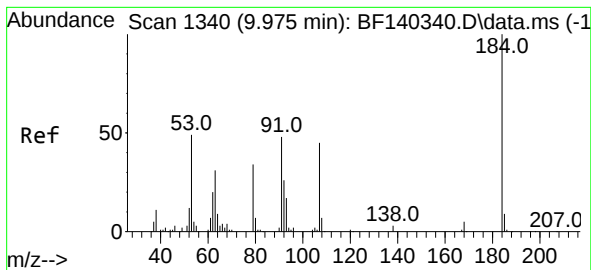
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#53
3-Nitroaniline
Concen: 70.369 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:138 Resp: 356185
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 121.9 95.5 143.3





#54
2,4-Dinitrophenol
Concen: 87.514 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

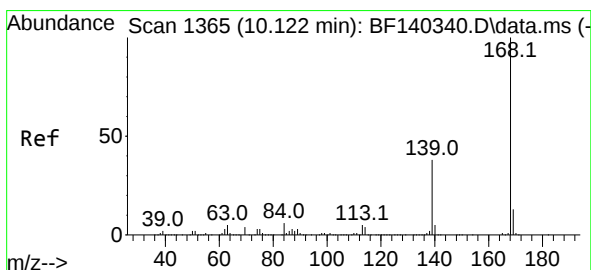
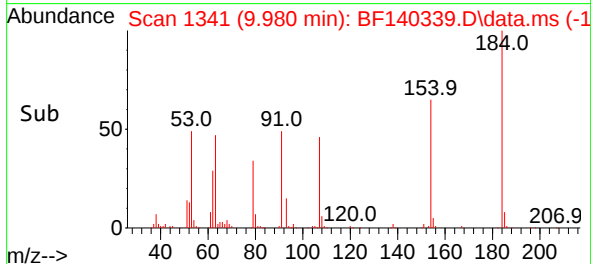
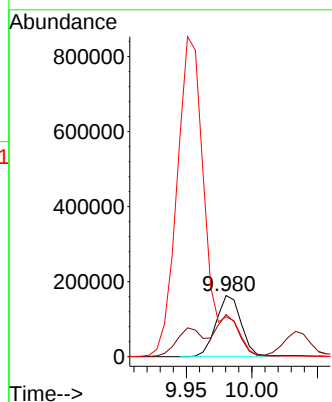
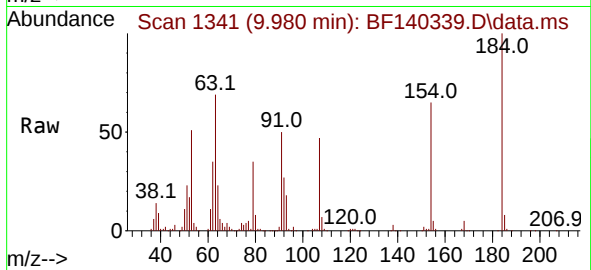
SSTDICC080

Tgt Ion:184 Resp: 217511
Ion Ratio Lower Upper
184 100
63 68.8 53.5 80.3
154 65.1 51.3 76.9

Manual Integrations

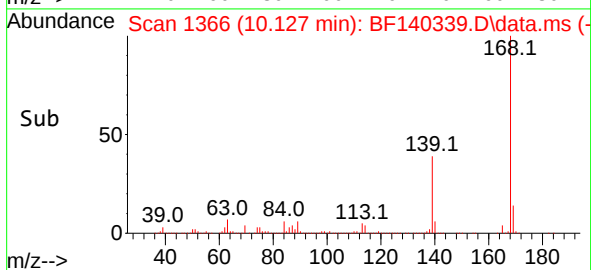
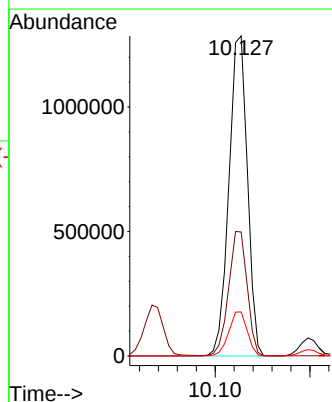
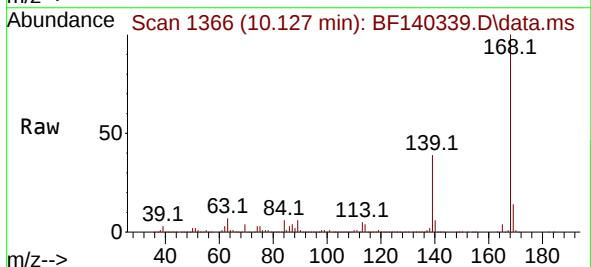
APPROVED

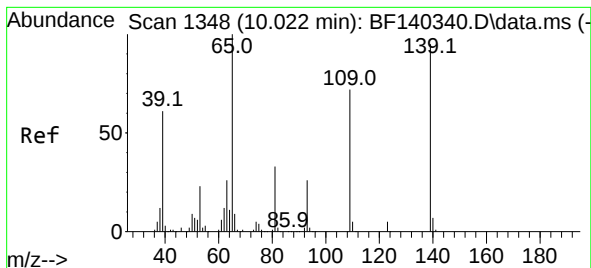
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#55
Dibenzofuran
Concen: 67.047 ng
RT: 10.127 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:168 Resp: 1743431
Ion Ratio Lower Upper
168 100
139 38.7 30.8 46.2
169 13.7 10.8 16.2





#56
4-Nitrophenol
Concen: 79.032 ng
RT: 10.033 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

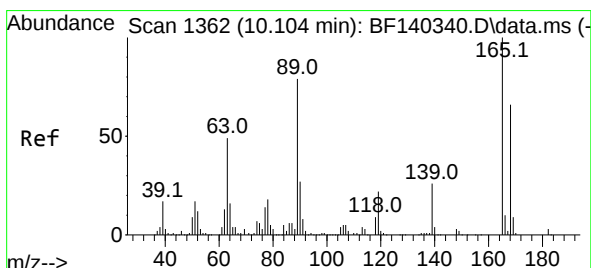
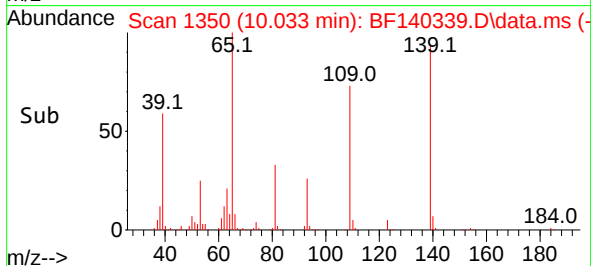
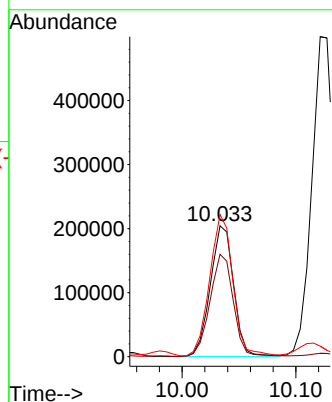
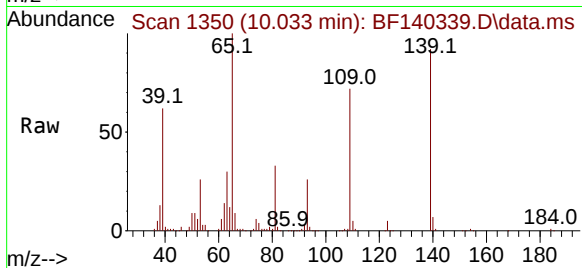
SSTDICC080

Tgt Ion:139 Resp: 29178
Ion Ratio Lower Upper
139 100
109 78.3 54.5 94.5
65 108.6 84.4 124.4

Manual Integrations

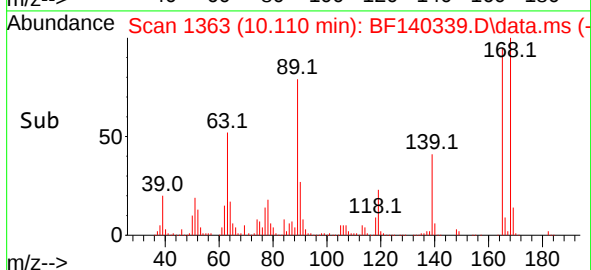
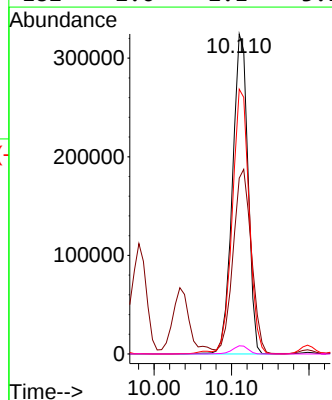
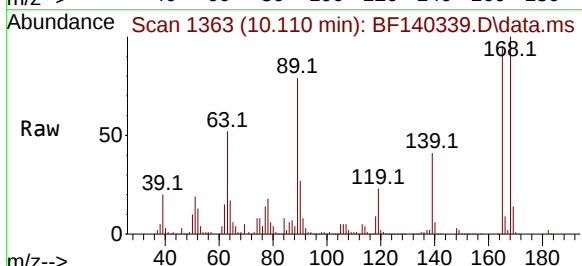
APPROVED

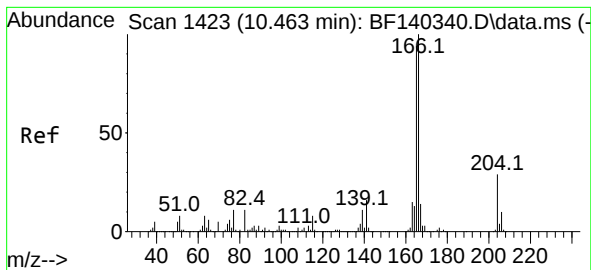
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#57
2,4-Dinitrotoluene
Concen: 71.693 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

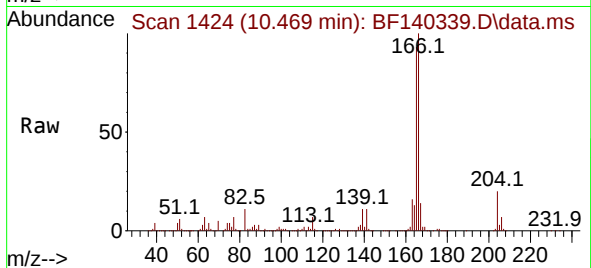
Tgt Ion:165 Resp: 454770
Ion Ratio Lower Upper
165 100
63 55.0 39.4 59.0
89 82.8 62.4 93.6
182 2.6 2.1 3.1





#58
Fluorene
Concen: 67.316 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

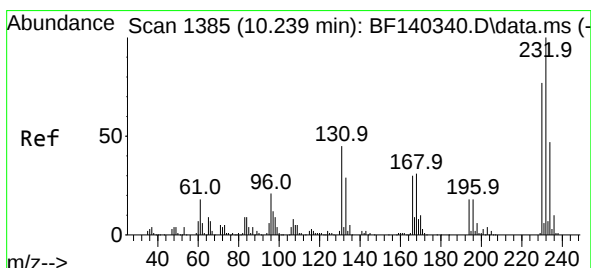
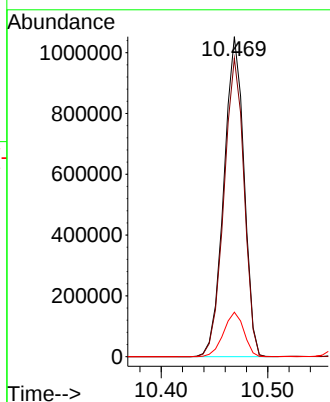
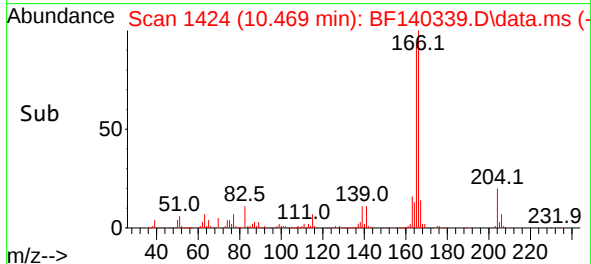
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 1382804
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.9 10.9 16.3

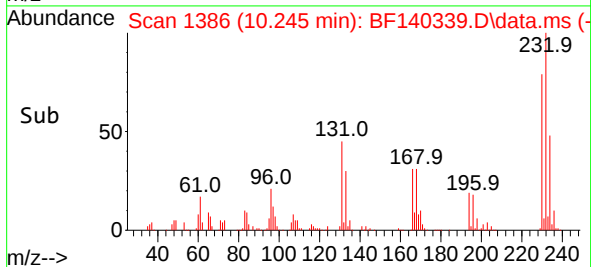
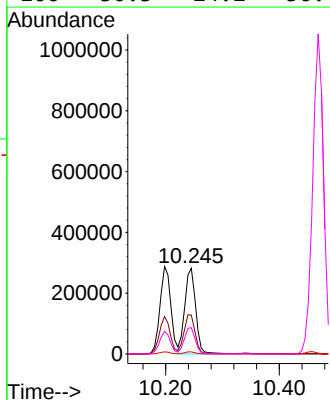
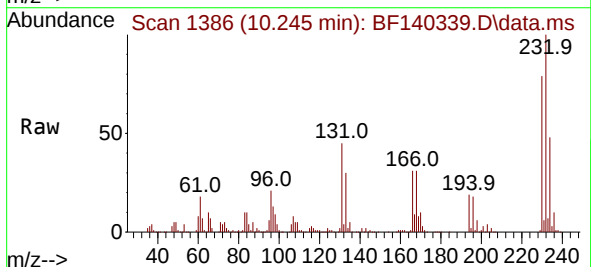
Manual Integrations
APPROVED

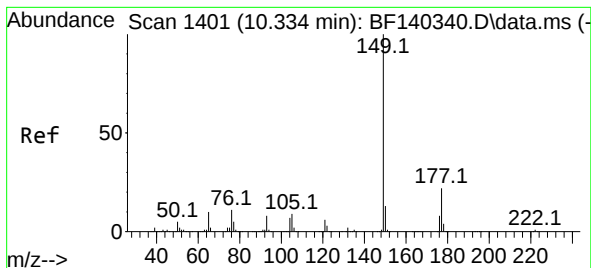
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 73.723 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:232 Resp: 374293
Ion Ratio Lower Upper
232 100
131 46.4 36.8 55.2
130 2.4 1.9 2.9
166 30.3 24.2 36.4





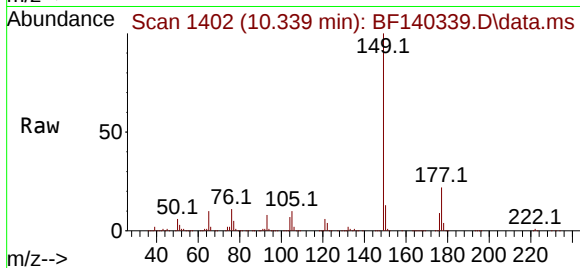
#60
Diethylphthalate
Concen: 71.126 ng
RT: 10.339 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



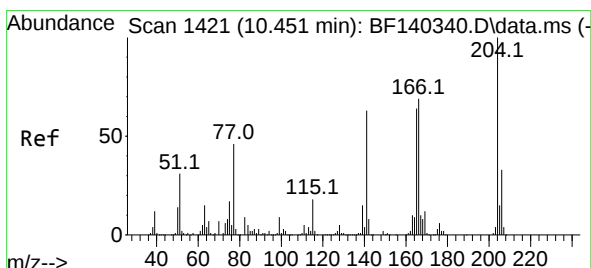
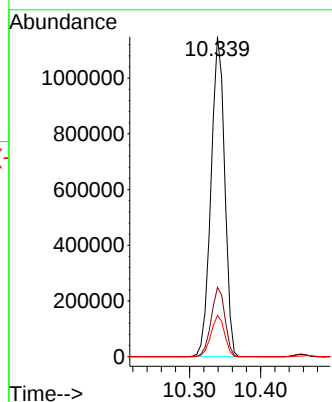
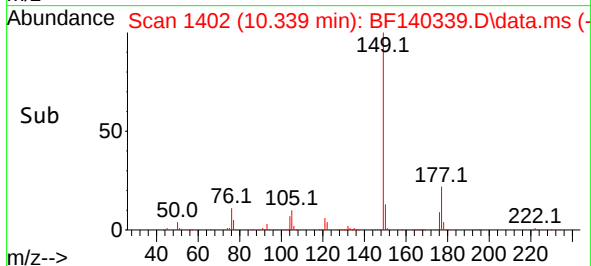
Tgt Ion:149 Resp: 153760
Ion Ratio Lower Upper
149 100
177 21.6 17.5 26.3
150 12.9 10.1 15.1

Manual Integrations

APPROVED

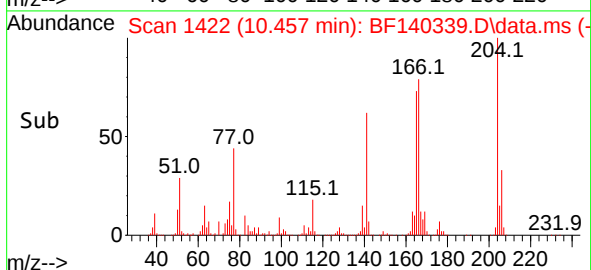
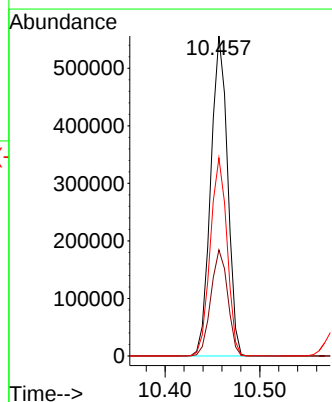
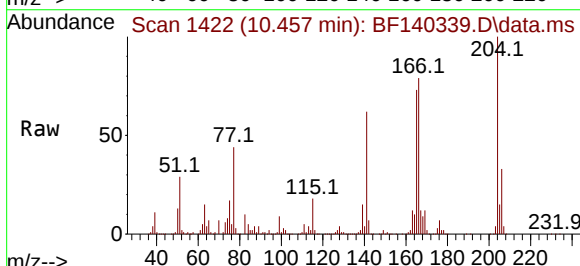
Reviewed By :Yogesh Patel 11/14/2024

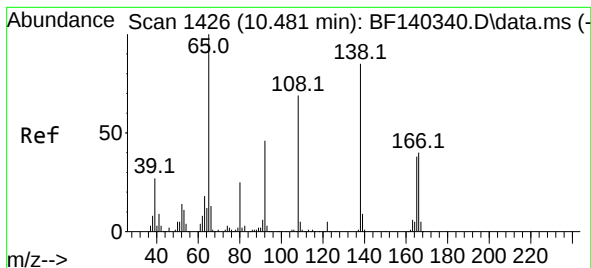
Supervised By :mohammad ahmed 11/15/2024



#61
4-Chlorophenyl-phenylether
Concen: 67.555 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

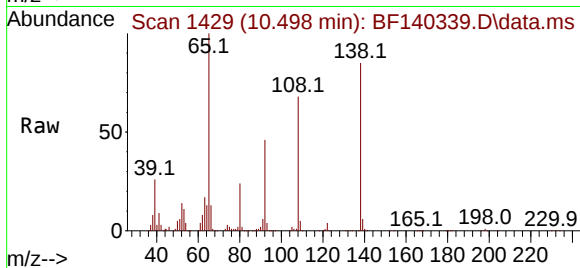
Tgt Ion:204 Resp: 685111
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 61.9 49.8 74.8





#62
4-Nitroaniline
Concen: 74.437 ng
RT: 10.498 min Scan# 1426
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

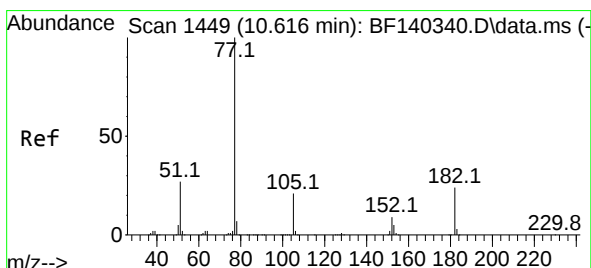
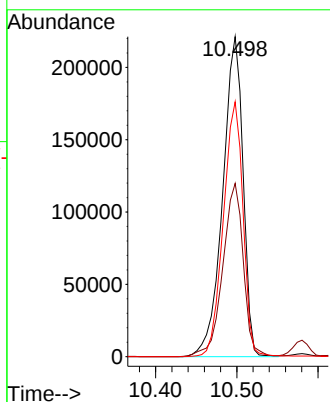
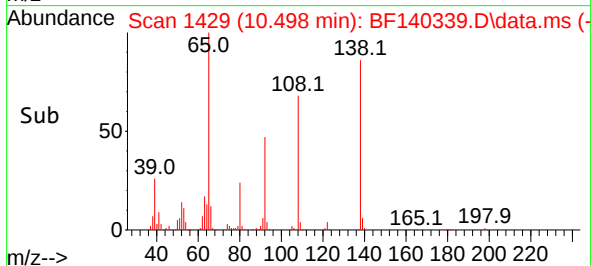
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 385240
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 79.6 59.9 99.9

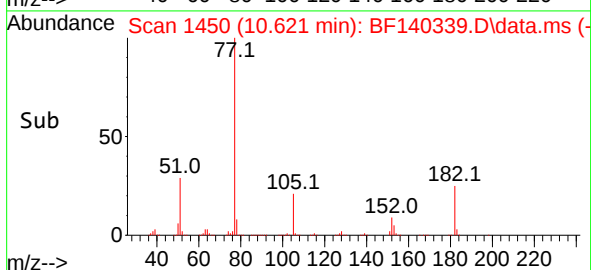
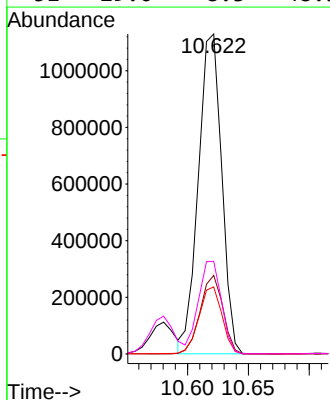
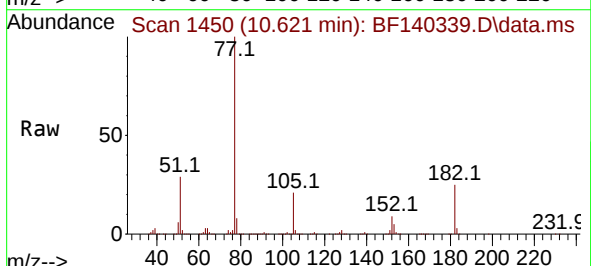
Manual Integrations
APPROVED

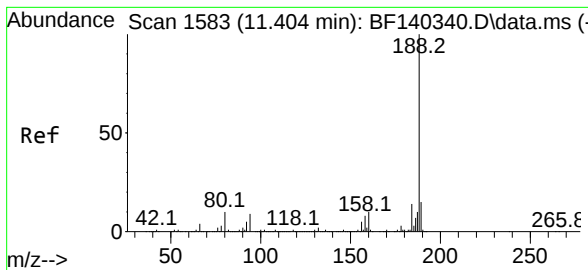
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#63
Azobenzene
Concen: 70.637 ng
RT: 10.621 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

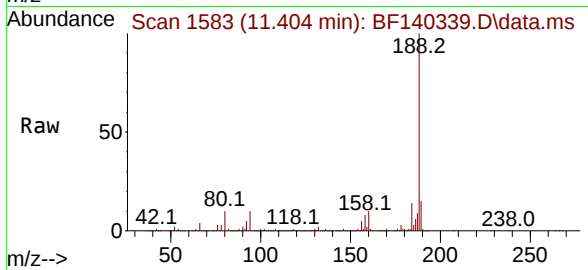
Tgt Ion: 77 Resp: 1508804
Ion Ratio Lower Upper
77 100
182 24.5 4.6 44.6
105 21.0 0.9 40.9
51 29.0 8.3 48.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11583
Delta R.T. -0.000 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

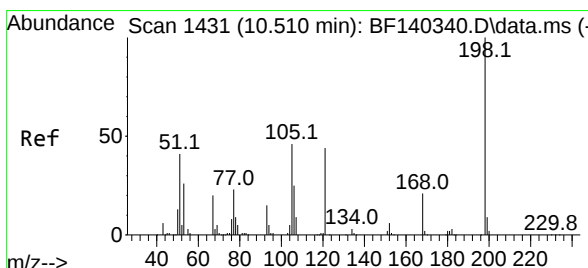
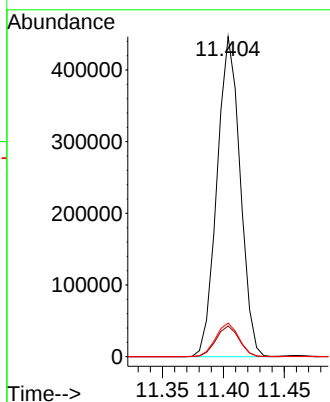
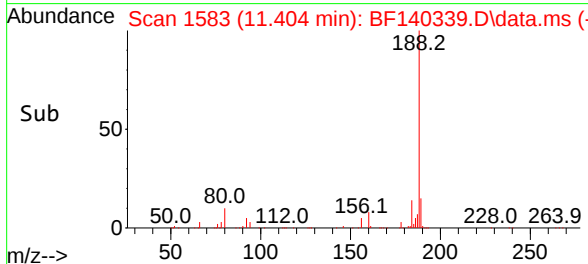
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



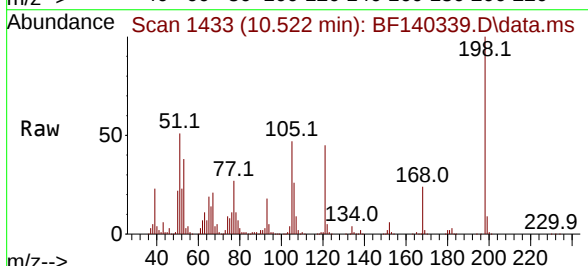
Tgt Ion:188 Resp: 59196
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.5 8.0 12.0

Manual Integrations
APPROVED

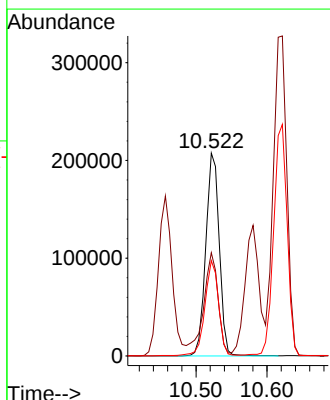
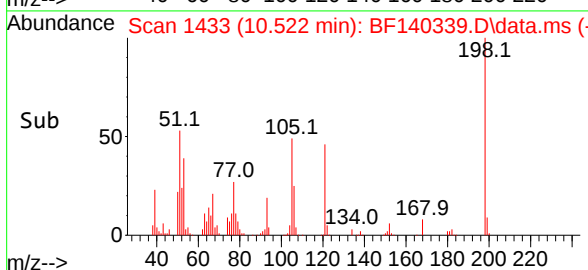
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

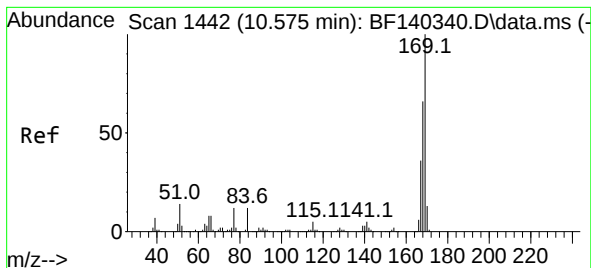


#65
4,6-Dinitro-2-methylphenol
Concen: 86.136 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



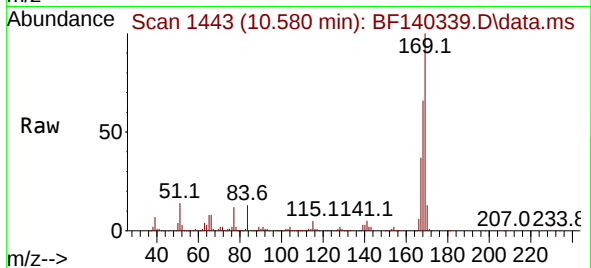
Tgt Ion:198 Resp: 274337
Ion Ratio Lower Upper
198 100
51 50.9 29.7 69.7
105 46.9 26.3 66.3





#66
n-Nitrosodiphenylamine
Concen: 72.330 ng
RT: 10.580 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

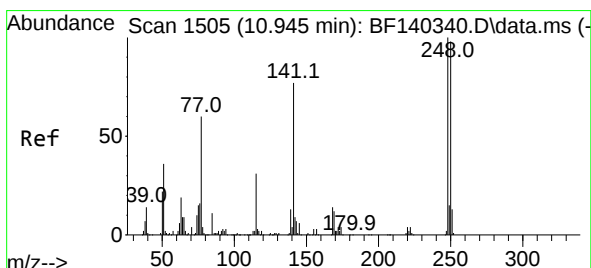
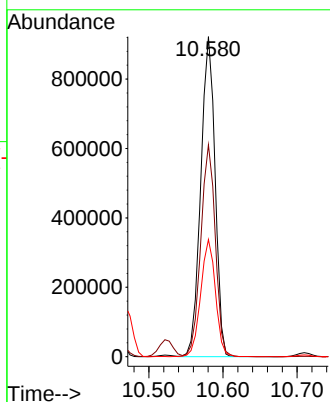
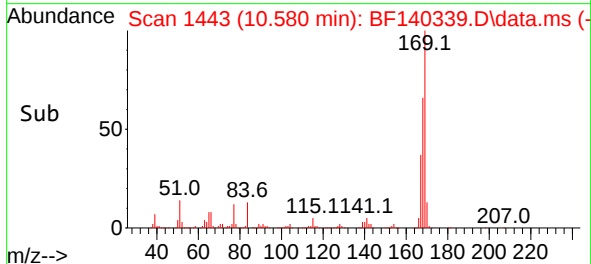
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 1237130
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.6 29.3 43.9

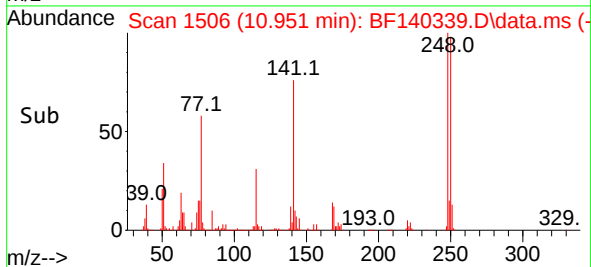
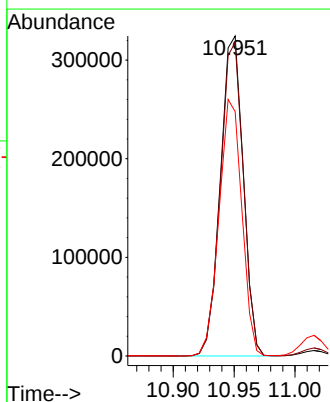
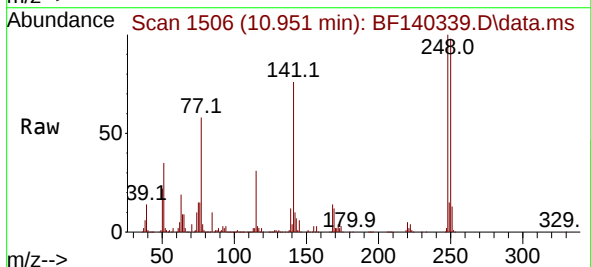
Manual Integrations
APPROVED

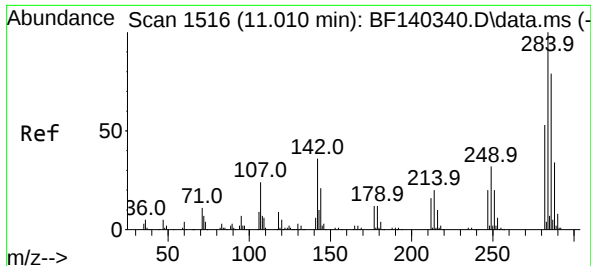
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#67
4-Bromophenyl-phenylether
Concen: 72.010 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:248 Resp: 426112
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 76.4 61.8 92.6





#68
Hexachlorobenzene
Concen: 73.871 ng
RT: 11.016 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

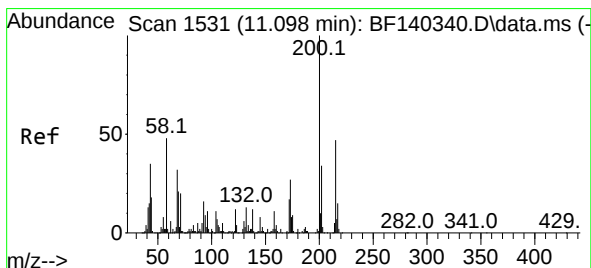
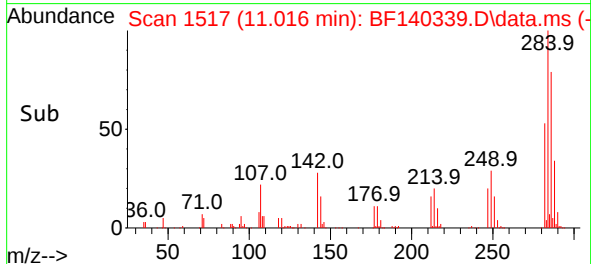
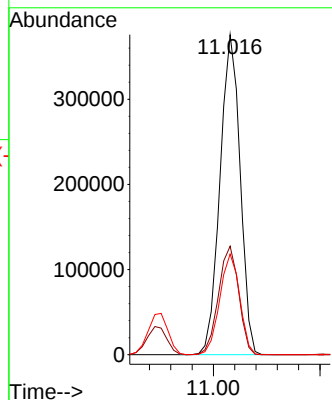
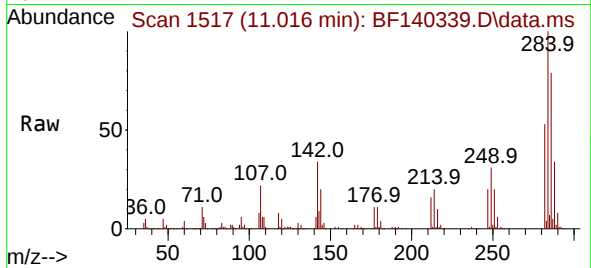
SSTDICC080

Tgt Ion:284 Resp: 491825
Ion Ratio Lower Upper
284 100
142 33.9 28.1 42.1
249 31.4 24.9 37.3

Manual Integrations

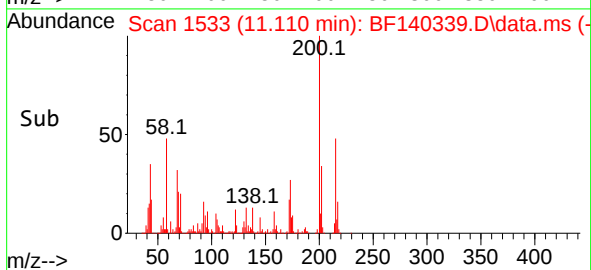
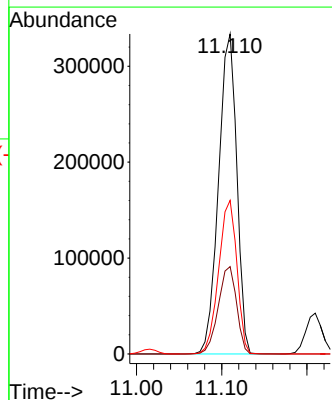
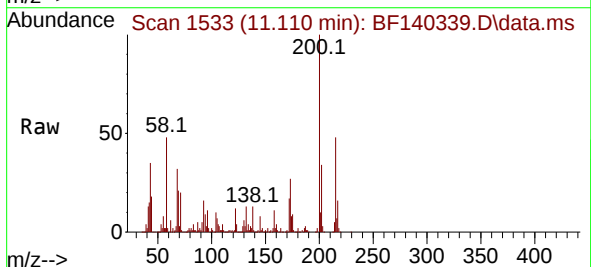
APPROVED

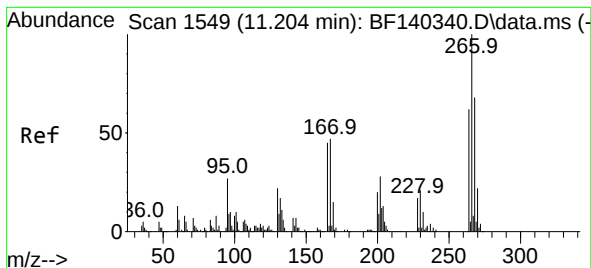
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#69
Atrazine
Concen: 95.702 ng
RT: 11.110 min Scan# 1533
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:200 Resp: 495230
Ion Ratio Lower Upper
200 100
173 27.3 6.6 46.6
215 48.0 27.2 67.2





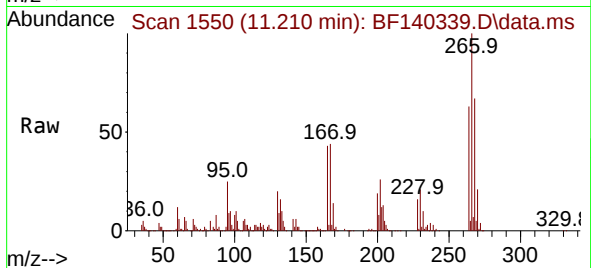
#70
Pentachlorophenol
Concen: 85.908 ng
RT: 11.210 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



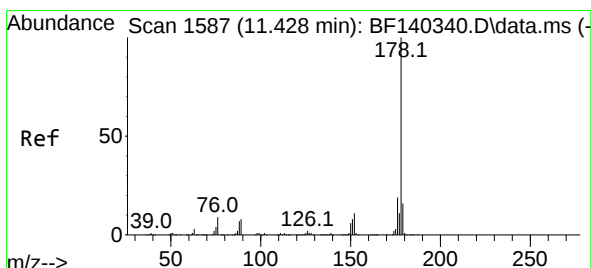
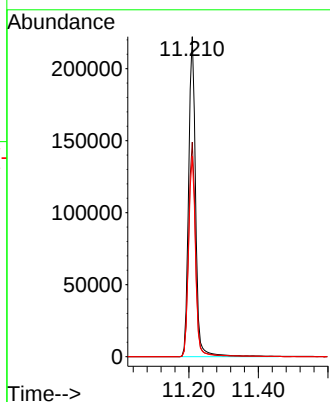
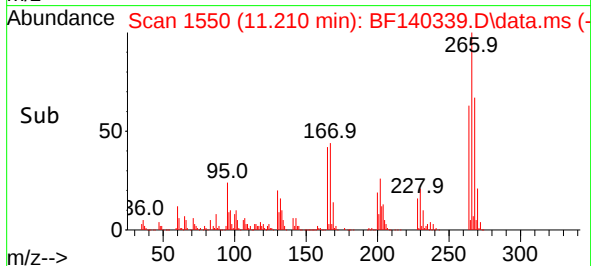
Tgt Ion:266 Resp: 308099
Ion Ratio Lower Upper
266 100
268 67.1 52.9 79.3
264 62.7 50.3 75.5

Manual Integrations

APPROVED

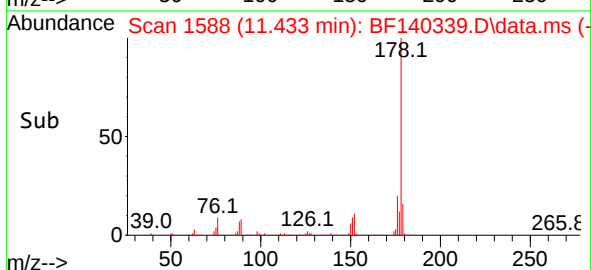
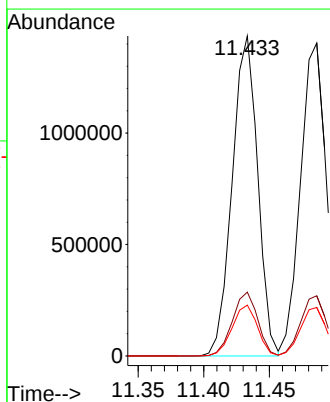
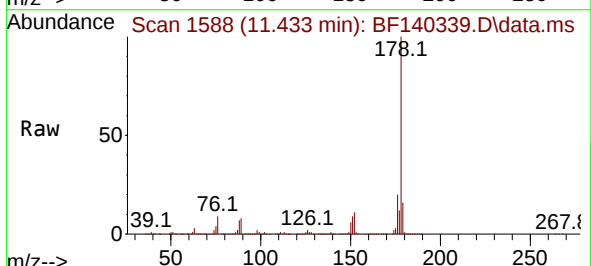
Reviewed By :Yogesh Patel 11/14/2024

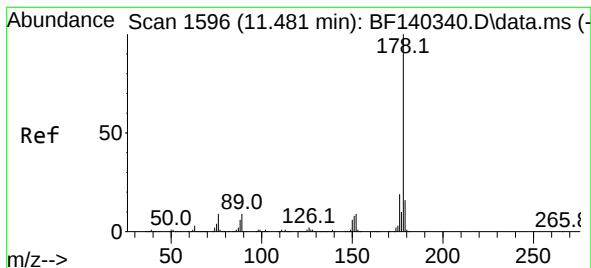
Supervised By :mohammad ahmed 11/15/2024



#71
Phenanthrene
Concen: 69.825 ng
RT: 11.433 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:178 Resp: 1941678
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.9 12.4 18.6





#72

Anthracene

Concen: 69.770 ng

RT: 11.486 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 190148

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

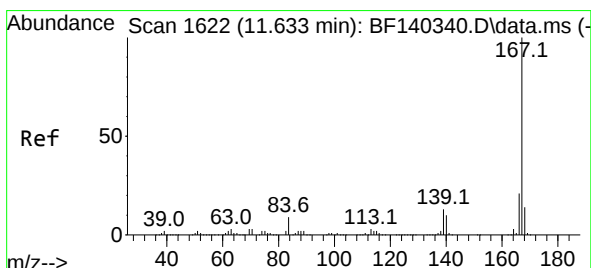
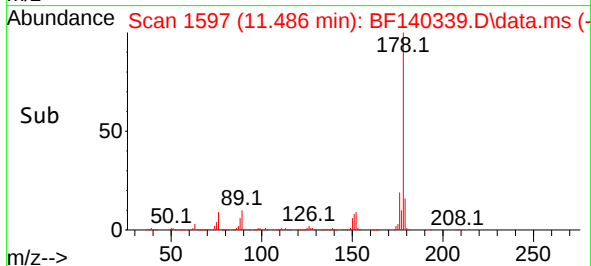
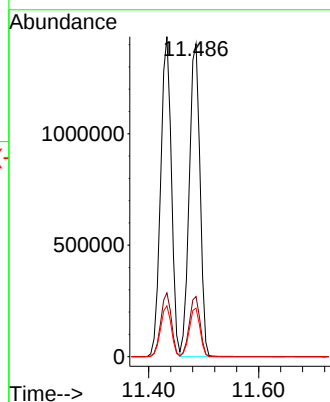
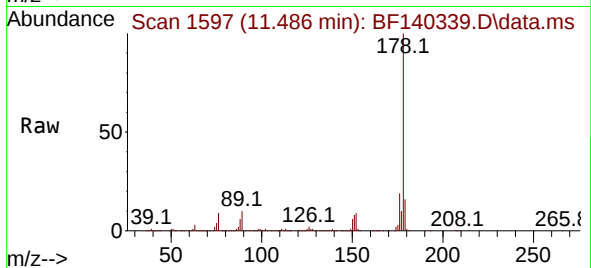
179 15.5 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#73

Carbazole

Concen: 68.878 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

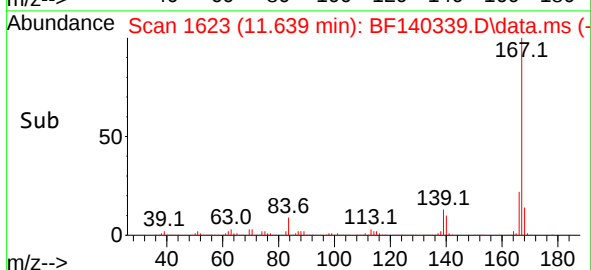
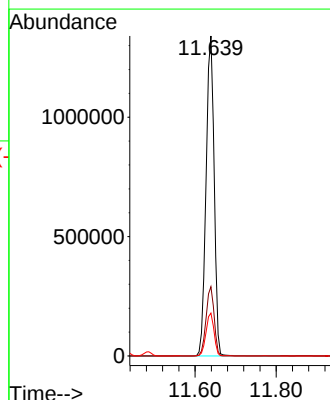
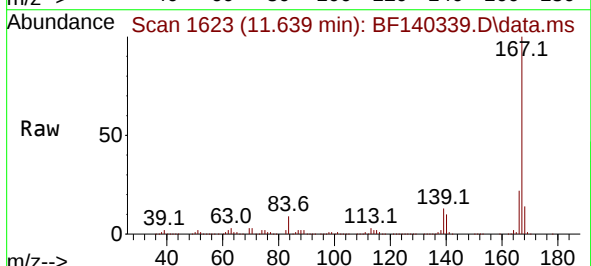
Tgt Ion:167 Resp: 1853513

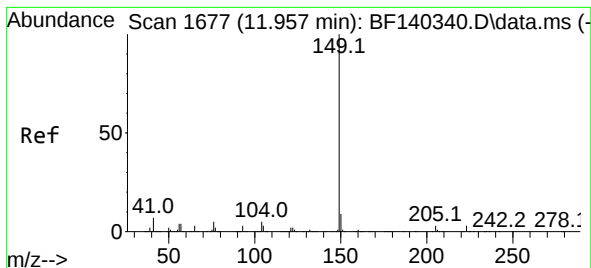
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

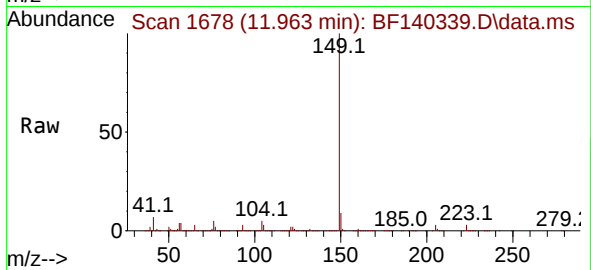
139 13.4 10.4 15.6





#74
Di-n-butylphthalate
Concen: 70.708 ng
RT: 11.963 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

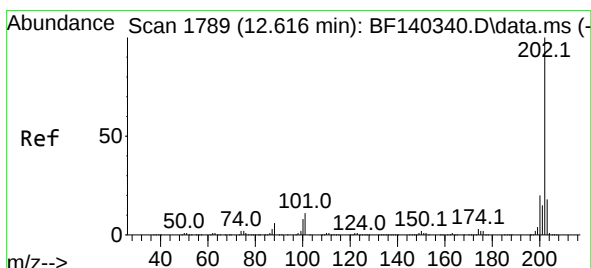
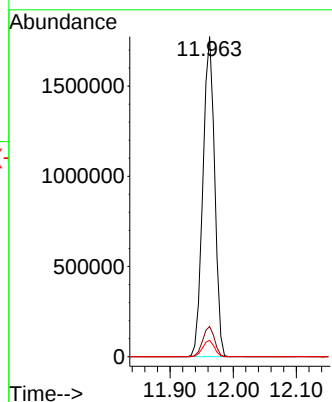
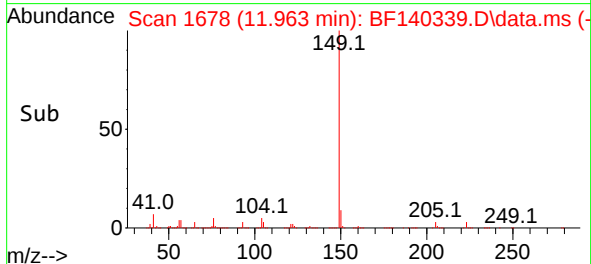
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



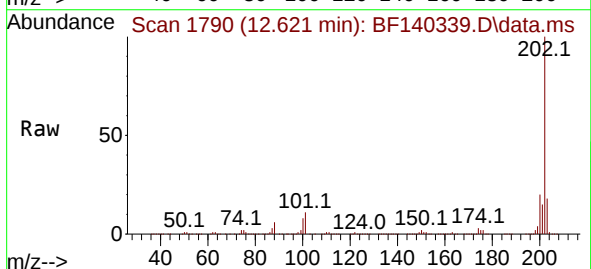
Tgt Ion:149 Resp: 2283744
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.1 4.0 6.0

Manual Integrations
APPROVED

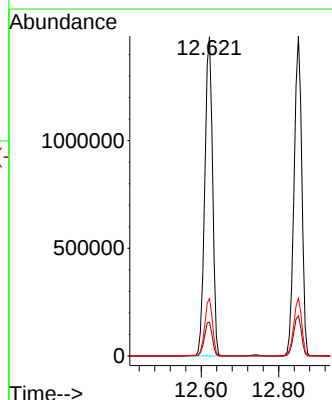
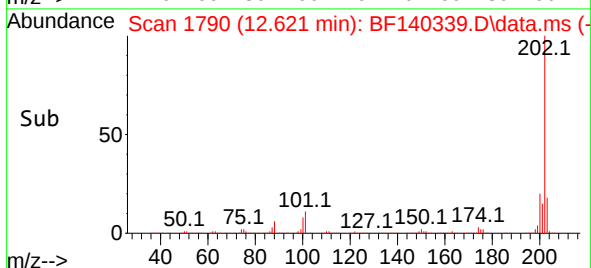
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

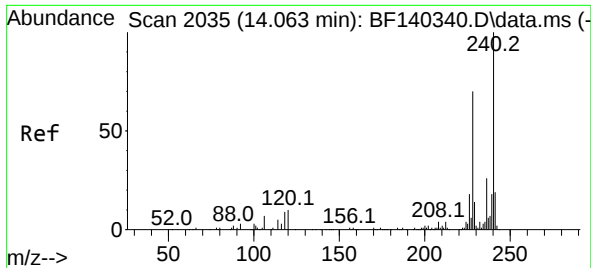


#75
Fluoranthene
Concen: 65.832 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:202 Resp: 2053832
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 18.0 0.0 37.7





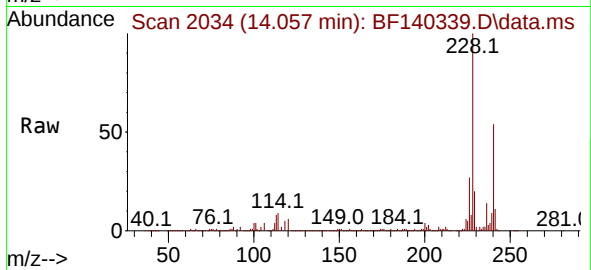
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

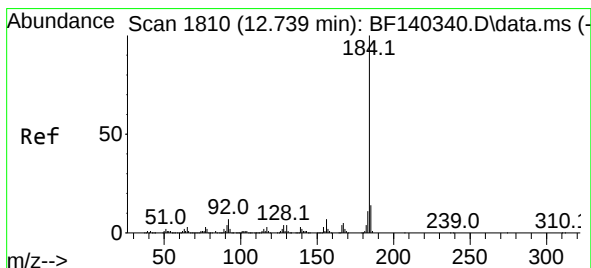
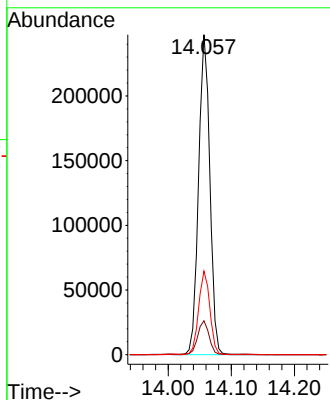
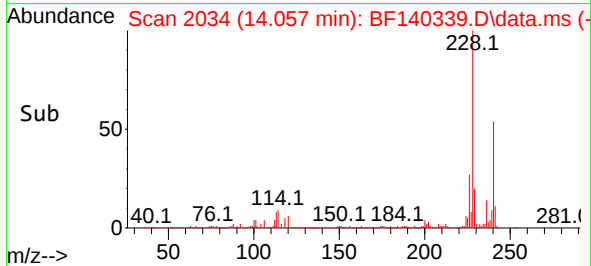


Tgt Ion:240 Resp: 305715
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3

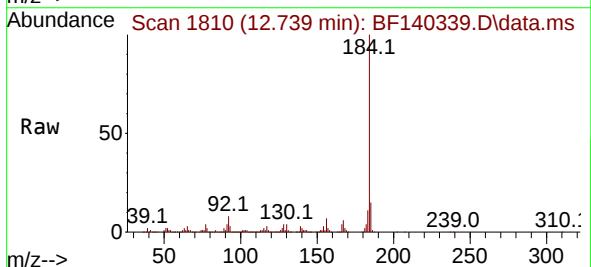
Manual Integrations

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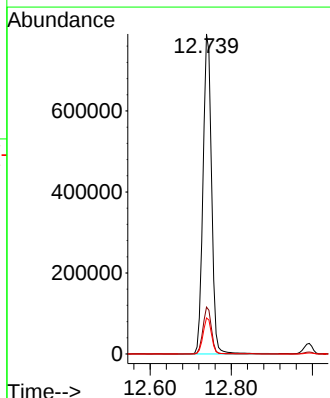
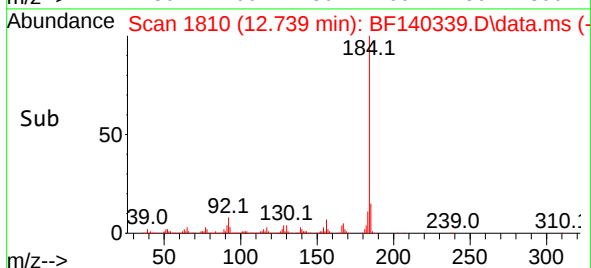
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

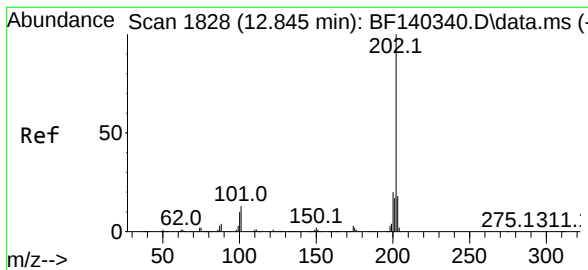


#77
Benzidine
Concen: 97.835 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:184 Resp: 1147944
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.2 8.6 13.0





#78
Pyrene
Concen: 78.173 ng
RT: 12.851 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

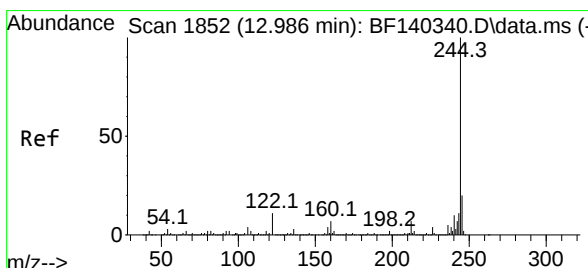
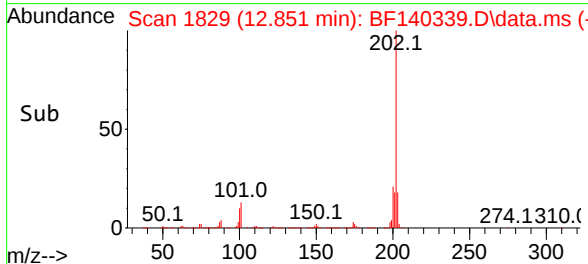
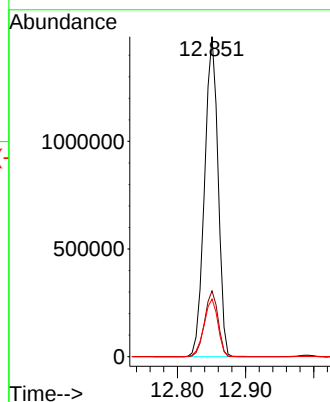
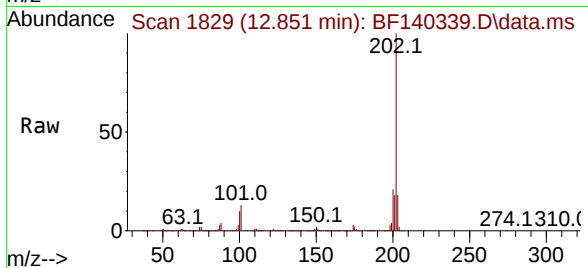
SSTDICC080

Tgt Ion:202 Resp: 2044224
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 18.0 14.2 21.4

Manual Integrations

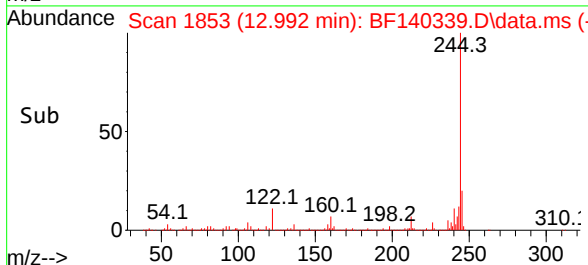
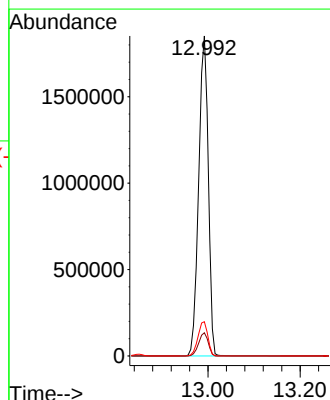
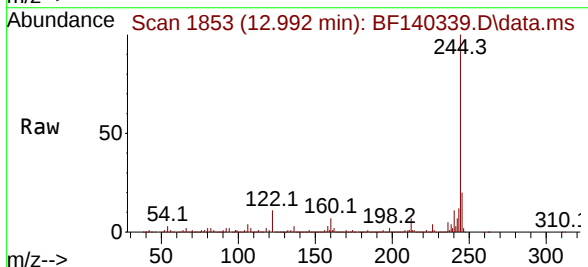
APPROVED

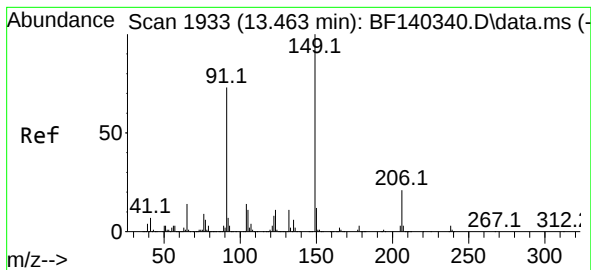
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#79
Terphenyl-d14
Concen: 151.833 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:244 Resp: 2674139
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.7 8.8 13.2





#80
Butylbenzylphthalate
Concen: 76.487 ng
RT: 13.462 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

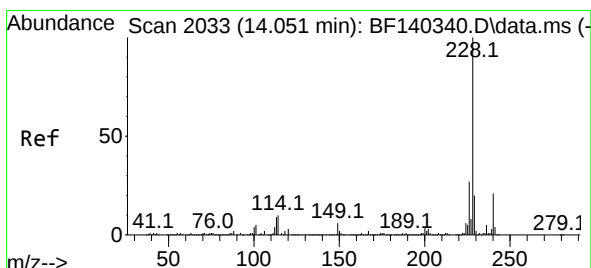
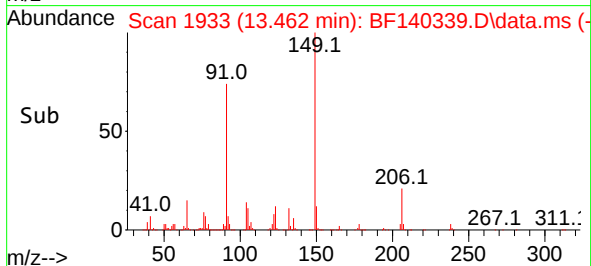
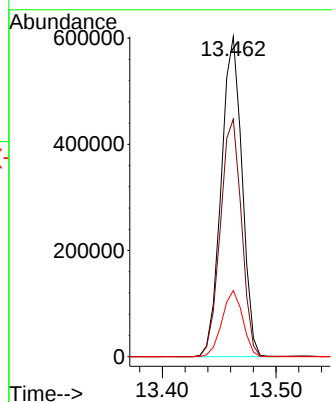
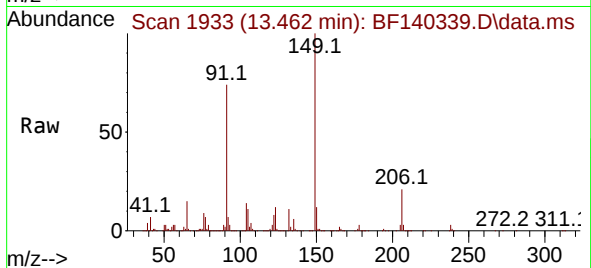
SSTDICC080

Tgt Ion:149 Resp: 768354
Ion Ratio Lower Upper
149 100
91 74.3 61.0 91.4
206 20.7 16.1 24.1

Manual Integrations

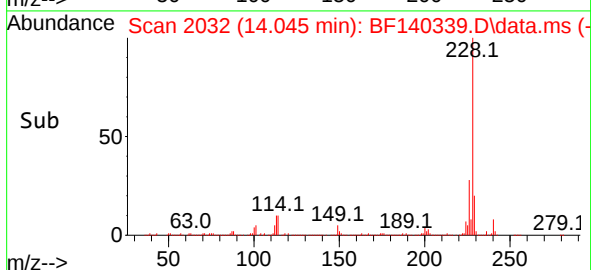
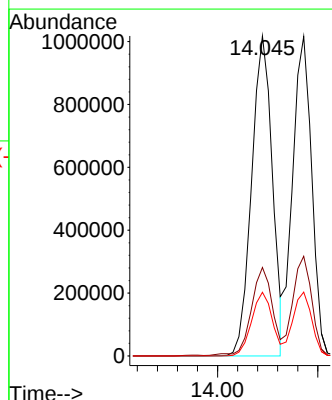
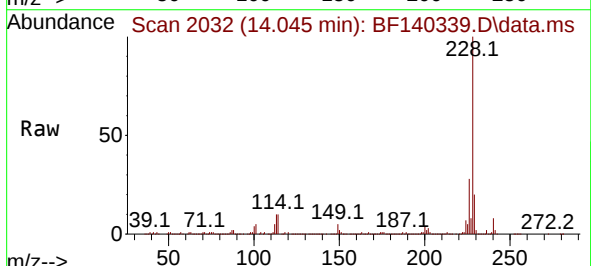
APPROVED

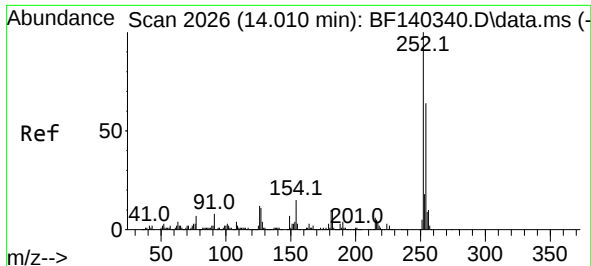
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#81
Benzo(a)anthracene
Concen: 72.724 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:228 Resp: 1461193
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 76.486 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

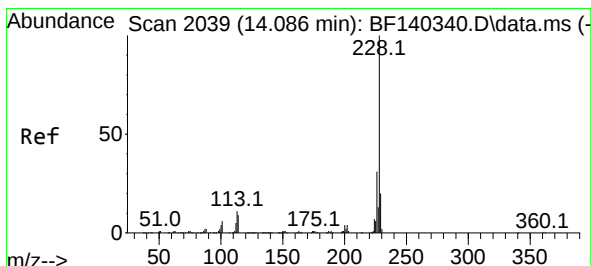
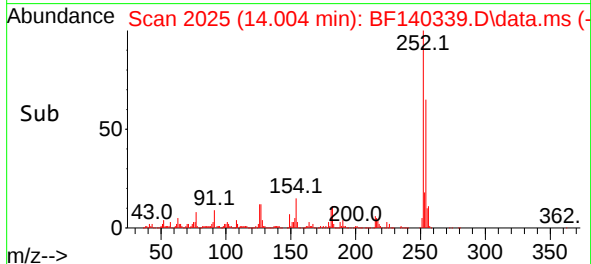
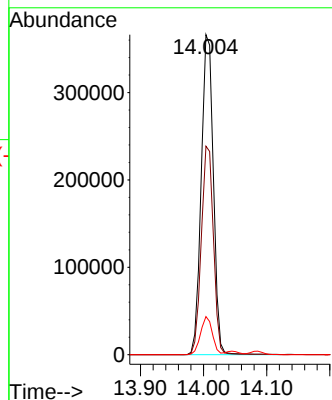
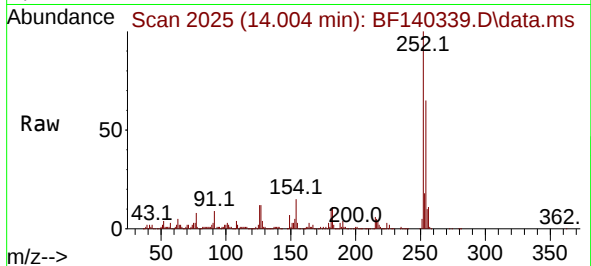
ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 48846
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.2
126 11.9 9.4 14.0

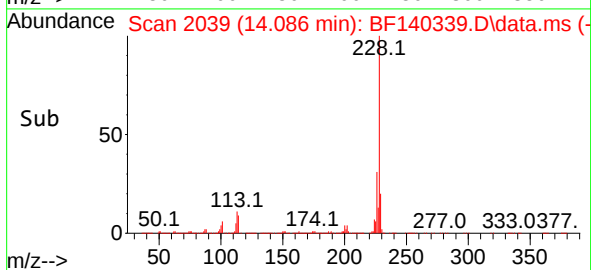
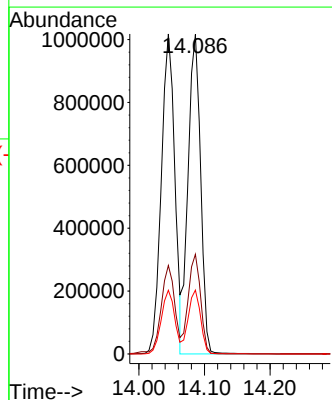
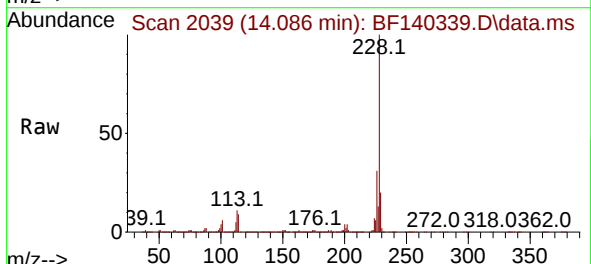
Manual Integrations
APPROVED

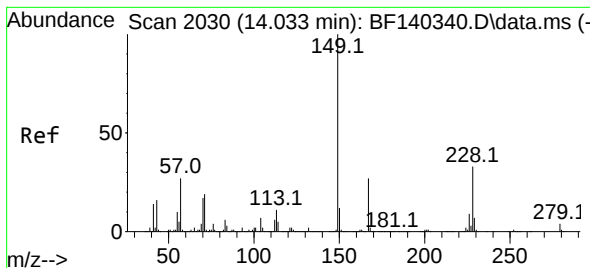
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024



#83
Chrysene
Concen: 73.275 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Tgt Ion:228 Resp: 1343316
Ion Ratio Lower Upper
228 100
226 31.2 24.5 36.7
229 20.0 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 74.186 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 994724

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

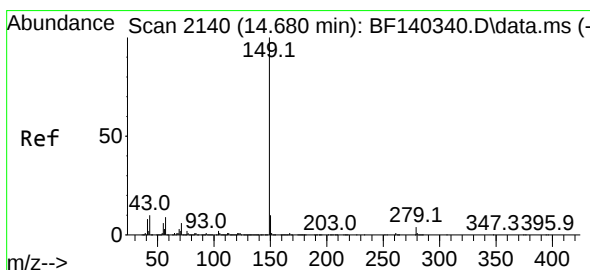
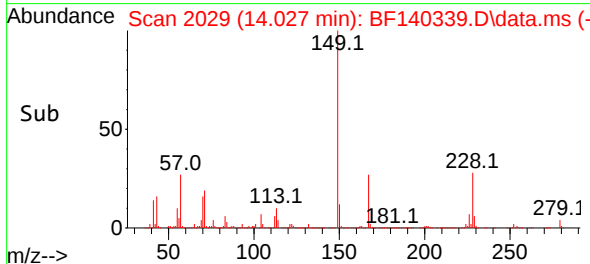
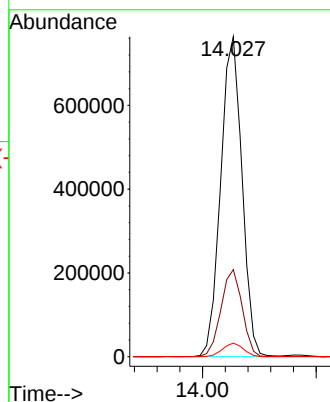
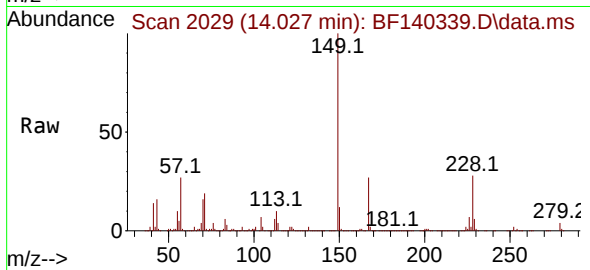
279 4.2 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#85

Di-n-octyl phthalate

Concen: 78.474 ng

RT: 14.668 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

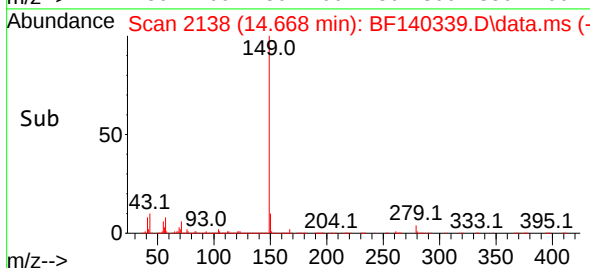
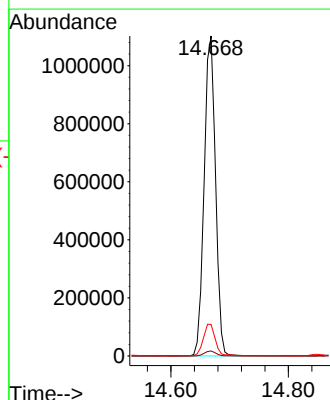
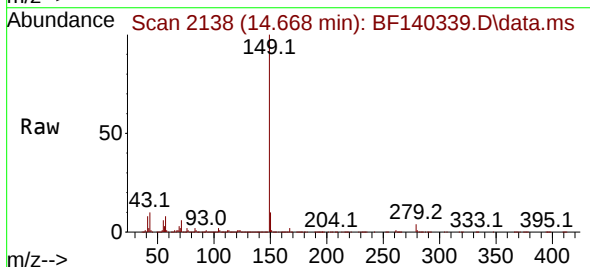
Tgt Ion:149 Resp: 1481946

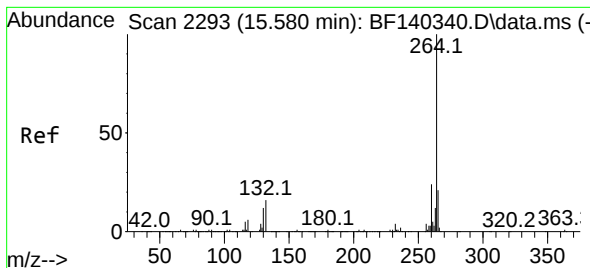
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 8.0 12.0





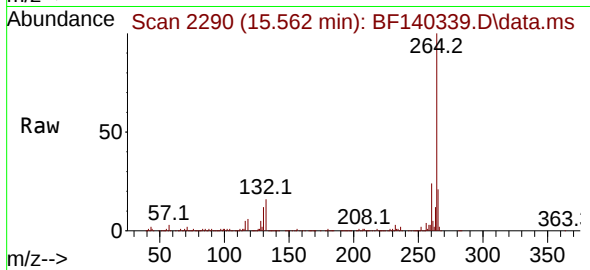
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

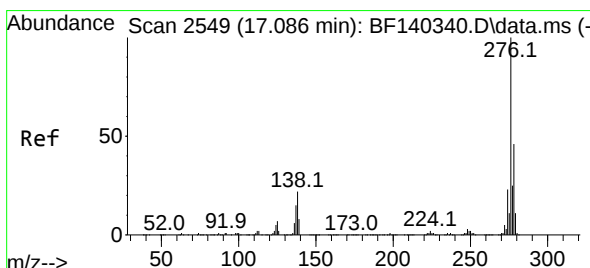
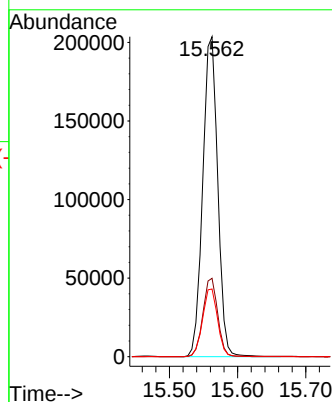
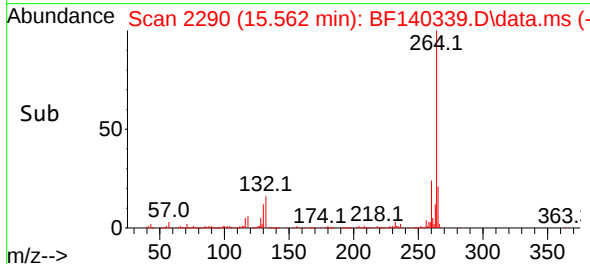


Tgt Ion:264 Resp: 310894
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.2 17.1 25.7

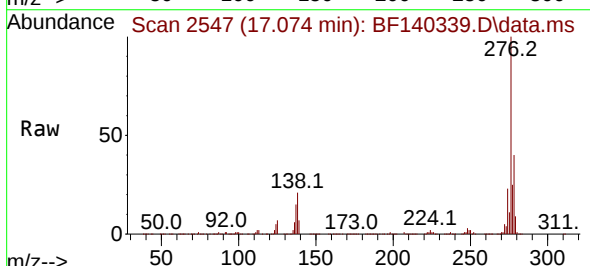
Manual Integrations

APPROVED

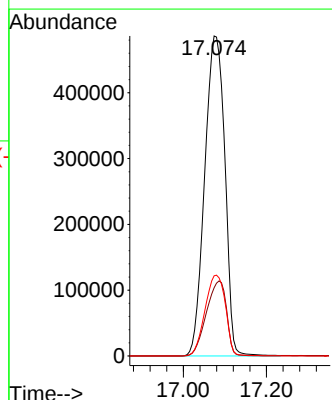
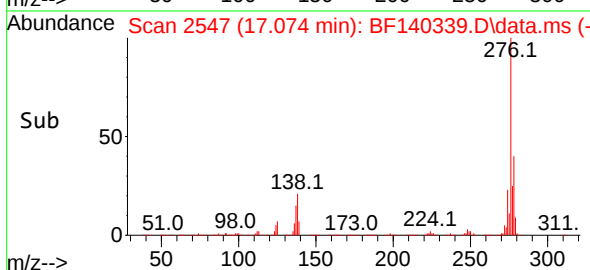
Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/15/2024

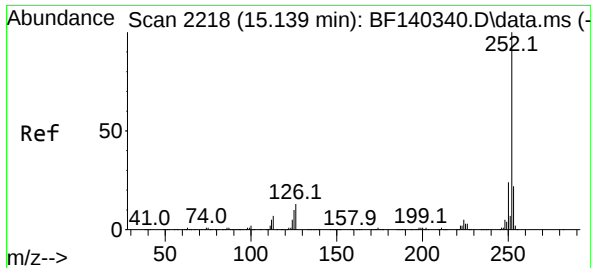


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.308 ng
RT: 17.074 min Scan# 2547
Delta R.T. 0.017 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:276 Resp: 1638318
Ion Ratio Lower Upper
276 100
138 23.4 18.8 28.2
277 25.7 20.2 30.2





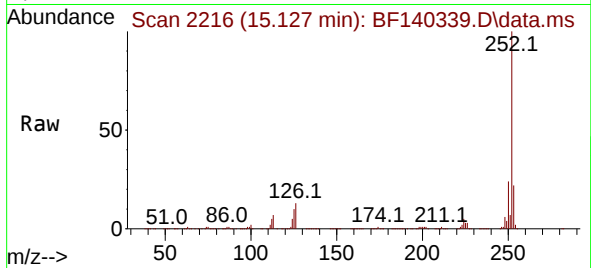
#88
Benzo(b)fluoranthene
Concen: 73.300 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



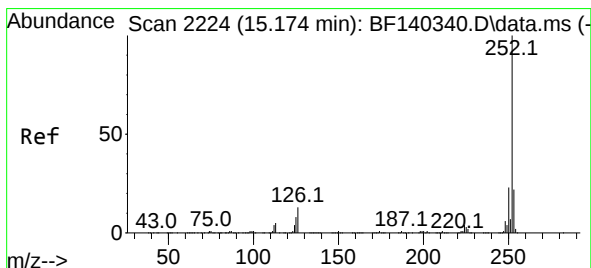
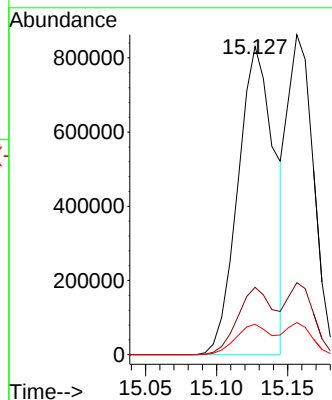
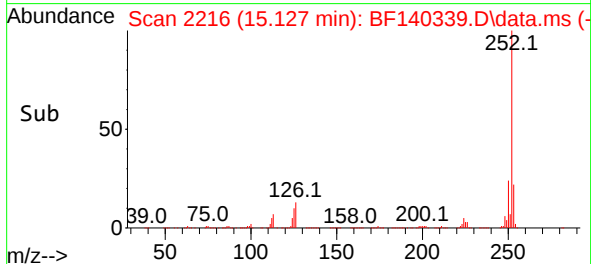
Tgt Ion:252 Resp: 1490709
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.8 8.0 12.0

Manual Integrations

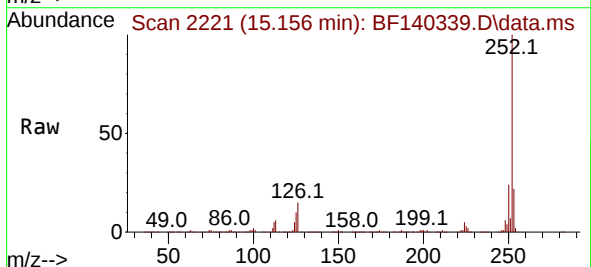
APPROVED

Reviewed By :Yogesh Patel 11/14/2024

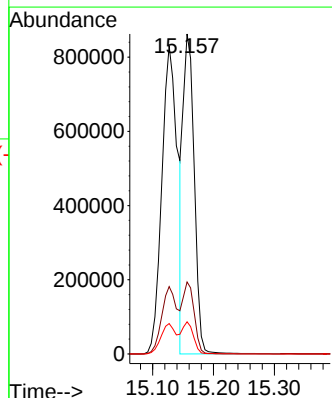
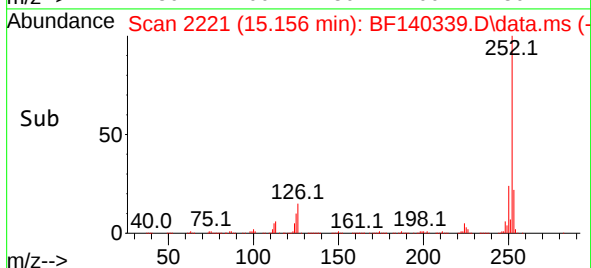
Supervised By :mohammad ahmed 11/15/2024

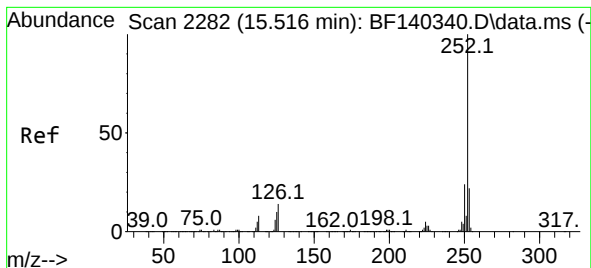


#89
Benzo(k)fluoranthene
Concen: 66.445 ng
RT: 15.156 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BF140339.D
Acq: 13 Nov 2024 12:13



Tgt Ion:252 Resp: 1103915
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.1 7.4 11.2





#90

Benzo(a)pyrene

Concen: 74.662 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 117914

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

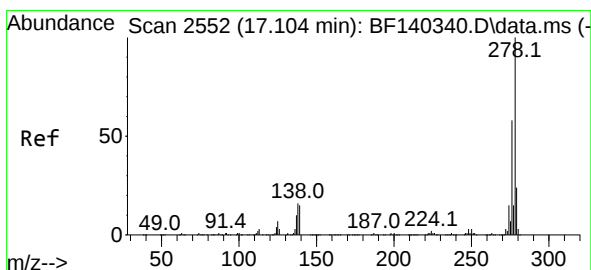
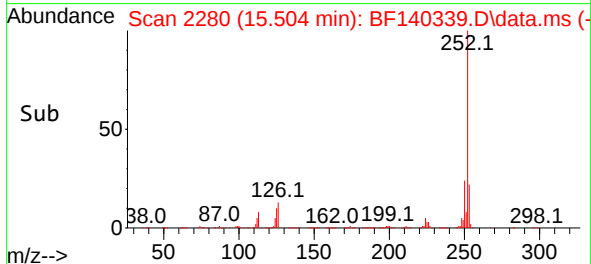
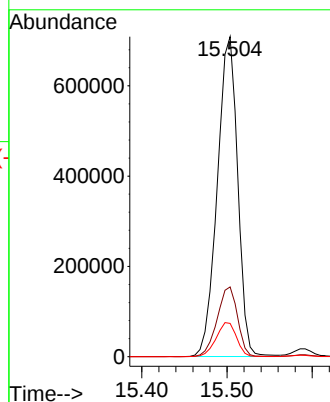
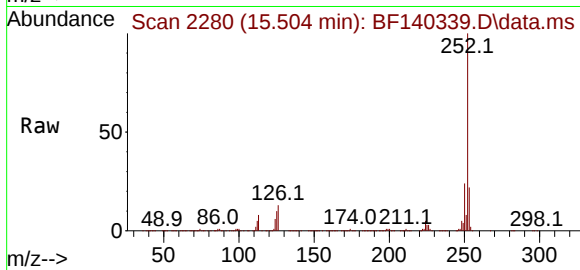
125 10.4 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024



#91

Dibenzo(a,h)anthracene

Concen: 84.367 ng

RT: 17.098 min Scan# 2551

Delta R.T. 0.023 min

Lab File: BF140339.D

Acq: 13 Nov 2024 12:13

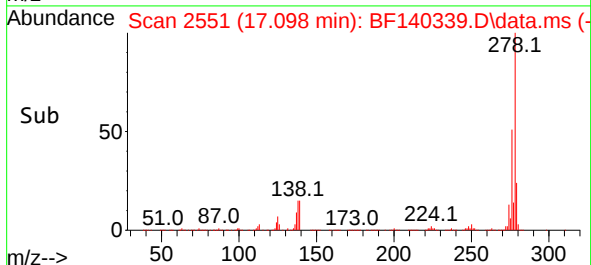
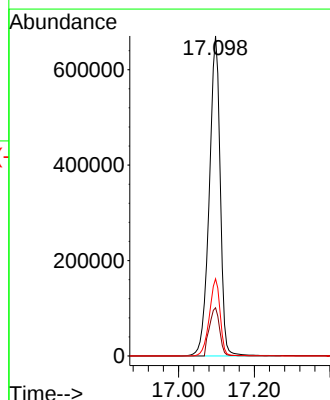
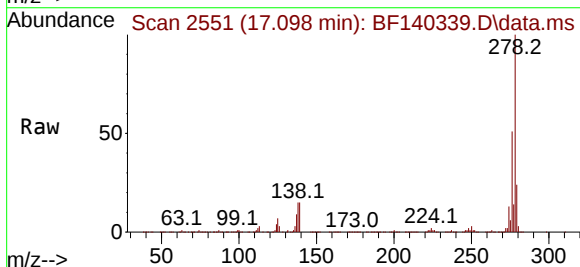
Tgt Ion:278 Resp: 1339293

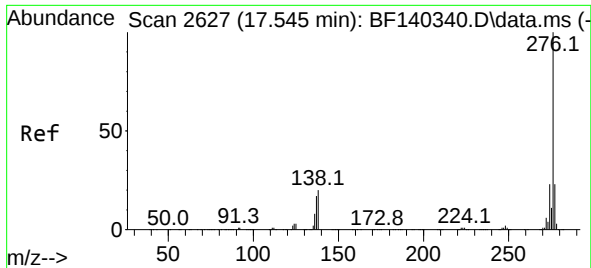
Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.8

279 24.1 18.9 28.3





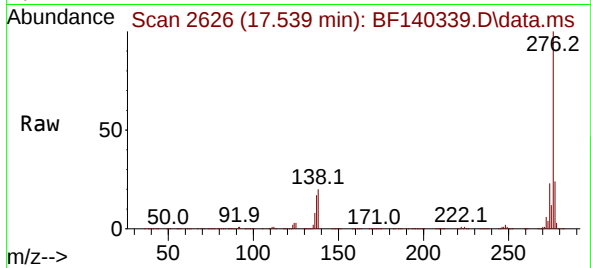
#92
 Benzo(g,h,i)perylene
 Concen: 85.805 ng
 RT: 17.539 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: BF140339.D
 Acq: 13 Nov 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 1392529
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 28.0
 138 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :mohammad ahmed 11/15/2024

