

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135307.D
 Acq On : 18 Sep 2023 15:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 15:52:25 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 12 00:19:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	140665	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	558636	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	280604	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	546845	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	241356	20.000	ng	0.00
86) Perylene-d12	15.409	264	264031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	663946	76.769	ng	0.00
7) Phenol-d6	6.404	99	831172	75.580	ng	0.00
23) Nitrobenzene-d5	7.328	82	773484	75.224	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	192530	69.044	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1298578	69.821	ng	0.00
79) Terphenyl-d14	12.886	244	1226461	78.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.457	88	154866	40.847	ng	98
3) Pyridine	3.204	79	431270	42.265	ng	98
4) n-Nitrosodimethylamine	3.175	42	223623	41.298	ng	99
6) Aniline	6.428	93	542473	37.617	ng	97
8) 2-Chlorophenol	6.545	128	356562	38.621	ng	100
9) Benzaldehyde	6.316	77	240990	38.467	ng	98
10) Phenol	6.416	94	455680	37.788	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	355192	39.267	ng	100
12) 1,3-Dichlorobenzene	6.698	146	351498	37.462	ng	99
13) 1,4-Dichlorobenzene	6.775	146	355707	37.262	ng	98
14) 1,2-Dichlorobenzene	6.928	146	329831	37.206	ng	99
15) Benzyl Alcohol	6.904	79	282620	35.813	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	677196	39.718	ng	99
17) 2-Methylphenol	7.022	107	309918	38.040	ng	98
18) Hexachloroethane	7.263	117	134028	37.998	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	241754	35.491	ng	91
20) 3+4-Methylphenols	7.175	107	355966	36.335	ng	98
22) Acetophenone	7.175	105	453490	35.507	ng	# 98
24) Nitrobenzene	7.345	77	388076	38.185	ng	98
25) Isophorone	7.580	82	719383	38.101	ng	98
26) 2-Nitrophenol	7.657	139	193568	39.684	ng	99
27) 2,4-Dimethylphenol	7.698	122	309188	37.711	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	436183	38.597	ng	99
29) 2,4-Dichlorophenol	7.904	162	288897	38.027	ng	97
30) 1,2,4-Trichlorobenzene	7.980	180	296548	37.345	ng	98
31) Naphthalene	8.063	128	1007011	37.101	ng	99
32) Benzoic acid	7.828	122	246674m	39.955	ng	
33) 4-Chloroaniline	8.116	127	452872	38.029	ng	100
34) Hexachlorobutadiene	8.175	225	171372	35.791	ng	100
35) Caprolactam	8.492	113	100620m	39.463	ng	
36) 4-Chloro-3-methylphenol	8.604	107	316369	37.468	ng	95
37) 2-Methylnaphthalene	8.751	142	662837	36.330	ng	99
38) 1-Methylnaphthalene	8.851	142	621711	36.396	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	300519	36.967	ng	100
41) Hexachlorocyclopentadiene	8.904	237	137647	42.264	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	199016	37.391	ng	100

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 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 15:52:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	233625	38.114	ng	98
46) 1,1'-Biphenyl	9.222	154	809191	37.525	ng	99
47) 2-Chloronaphthalene	9.245	162	585678	37.433	ng	99
48) 2-Nitroaniline	9.345	65	242213	39.848	ng	97
49) Acenaphthylene	9.663	152	968514	37.247	ng	99
50) Dimethylphthalate	9.527	163	721736	38.043	ng	100
51) 2,6-Dinitrotoluene	9.592	165	161439	38.844	ng	91
52) Acenaphthene	9.833	154	578480	37.660	ng	98
53) 3-Nitroaniline	9.763	138	191707	39.296	ng	95
54) 2,4-Dinitrophenol	9.874	184	73259	34.873	ng	94
55) Dibenzofuran	10.004	168	851160	36.312	ng	98
56) 4-Nitrophenol	9.933	139	112764	36.369	ng	91
57) 2,4-Dinitrotoluene	9.998	165	193904	37.268	ng	94
58) Fluorene	10.351	166	661292	36.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174987	37.112	ng	99
60) Diethylphthalate	10.227	149	718296	37.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	308030	35.585	ng	97
62) 4-Nitroaniline	10.380	138	188493	40.195	ng	97
63) Azobenzene	10.504	77	730547	39.205	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	114868	39.549	ng	93
66) n-Nitrosodiphenylamine	10.463	169	617749	37.314	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	203035	37.331	ng	99
68) Hexachlorobenzene	10.898	284	201636	36.391	ng	93
69) Atrazine	10.998	200	159793	35.871	ng	98
70) Pentachlorophenol	11.098	266	105840	31.927	ng	98
71) Phenanthrene	11.316	178	951402	36.786	ng	99
72) Anthracene	11.368	178	973627	36.623	ng	99
73) Carbazole	11.527	167	896309	37.036	ng	99
74) Di-n-butylphthalate	11.857	149	1085471	38.064	ng	99
75) Fluoranthene	12.510	202	959097	35.589	ng	99
77) Benzidine	12.633	184	196920	39.825	ng	98
78) Pyrene	12.739	202	967244	42.093	ng	99
80) Butylbenzylphthalate	13.362	149	357719	44.215	ng	96
81) Benzo(a)anthracene	13.933	228	577432	37.050	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	191235	39.284	ng	# 96
83) Chrysene	13.968	228	587420	37.910	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	362470	43.659	ng	99
85) Di-n-octyl phthalate	14.545	149	560912	42.513	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	666259	38.486	ng	98
88) Benzo(b)fluoranthene	14.986	252	515898	36.095	ng	99
89) Benzo(k)fluoranthene	15.015	252	502166	35.567	ng	99
90) Benzo(a)pyrene	15.351	252	523238	38.388	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	531651	37.534	ng	98
92) Benzo(g,h,i)perylene	17.339	276	555029	37.519	ng	97

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

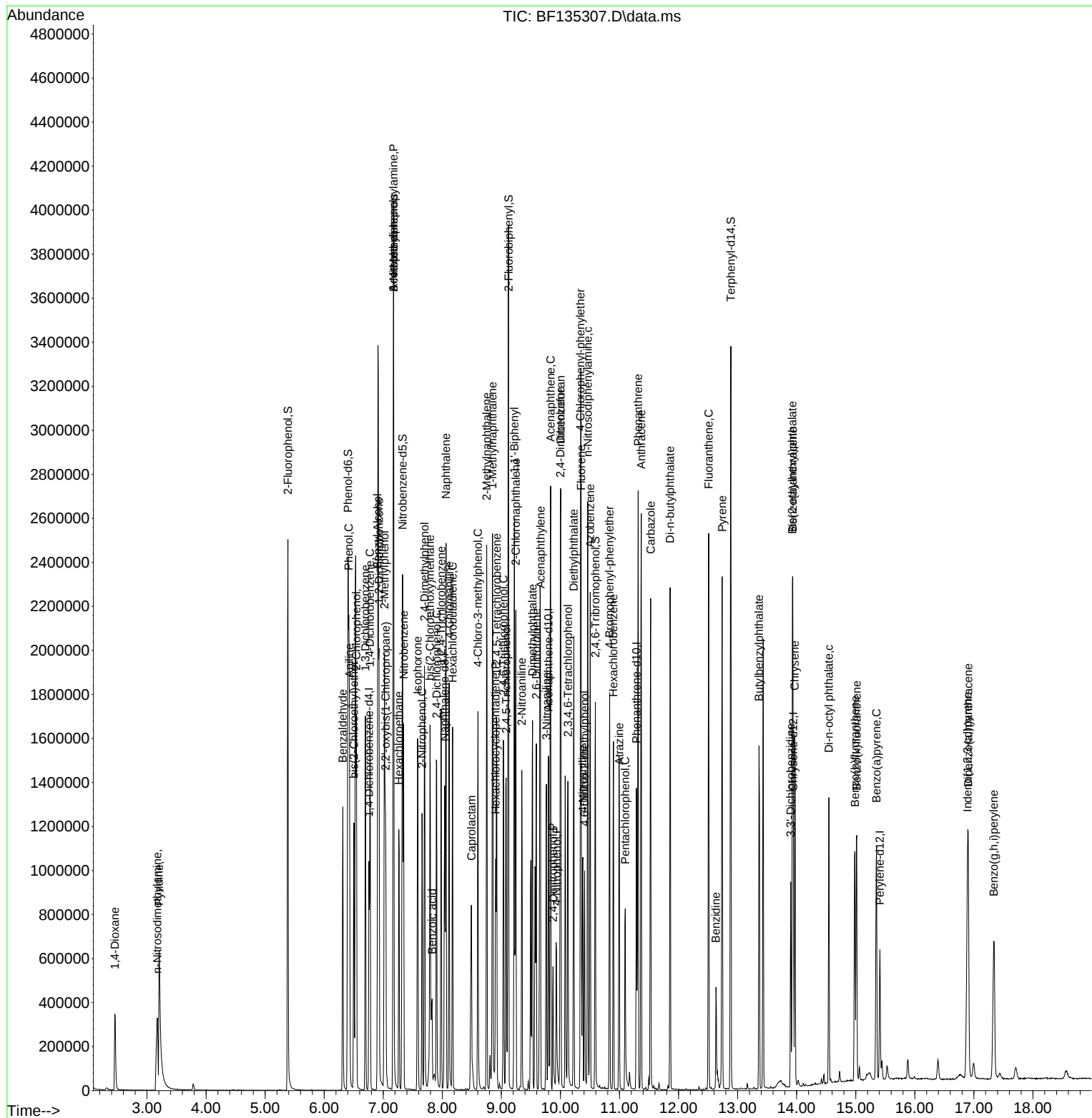
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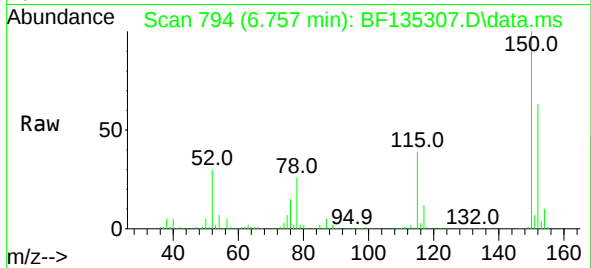
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

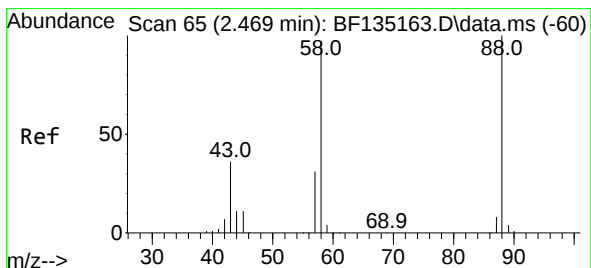
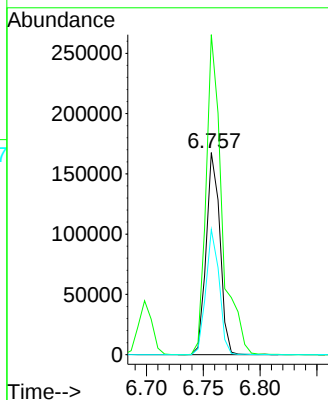
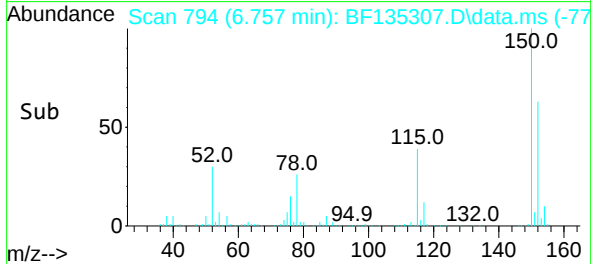
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 14066
Ion Ratio Lower Upper
152 100
150 158.3 127.8 191.6
115 61.9 49.8 74.8

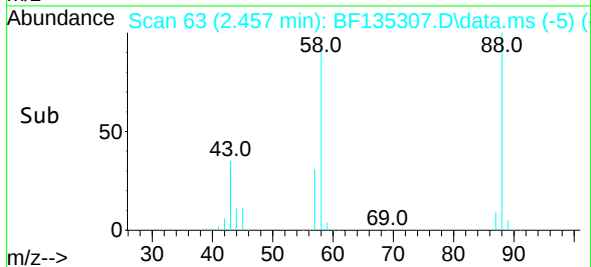
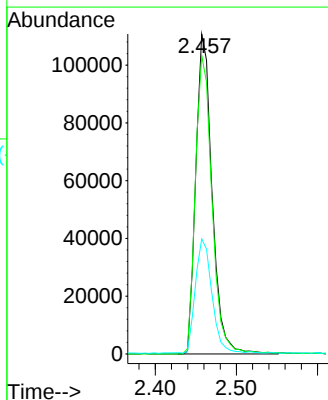
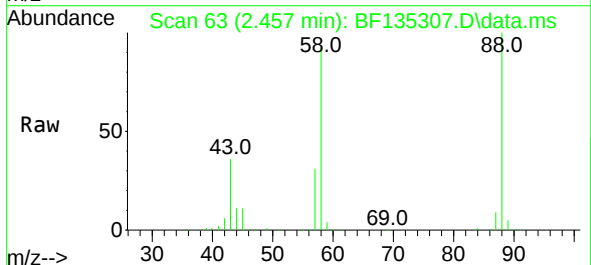
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 40.847 ng
RT: 2.457 min Scan# 63
Delta R.T. -0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion: 88 Resp: 154866
Ion Ratio Lower Upper
88 100
58 95.7 78.3 117.5
43 36.1 29.4 44.0





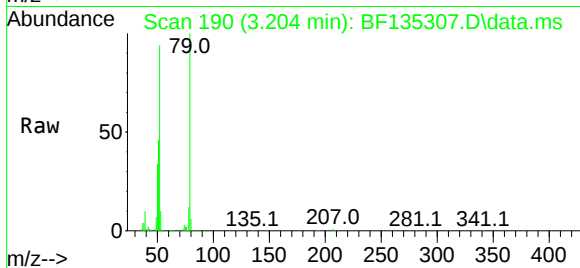
#3
Pyridine
Concen: 42.265 ng
RT: 3.204 min Scan# 192
Delta R.T. -0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



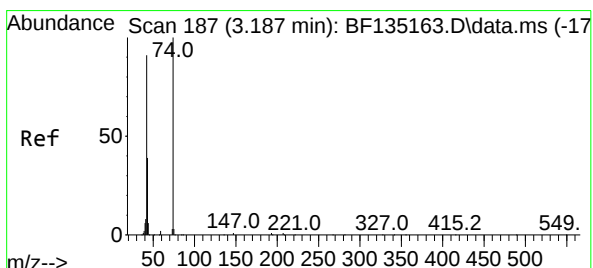
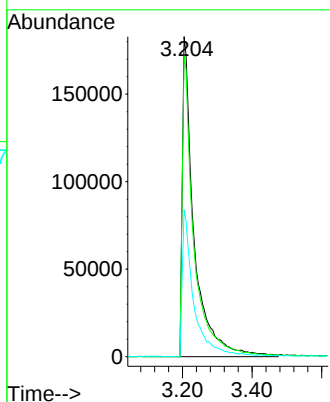
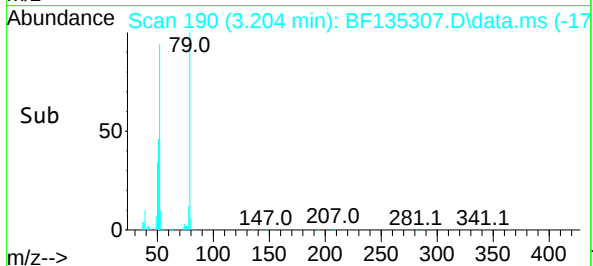
Tgt Ion: 79 Resp: 431270
Ion Ratio Lower Upper
79 100
52 94.0 74.1 111.1
51 46.0 35.8 53.8

Manual Integrations

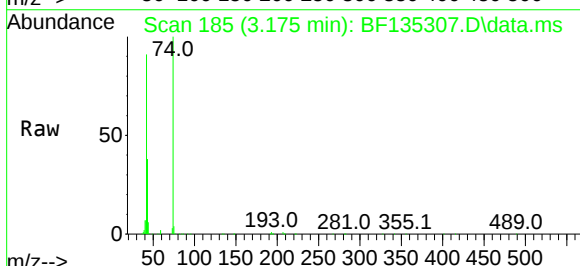
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

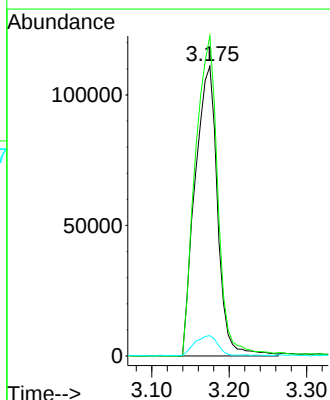
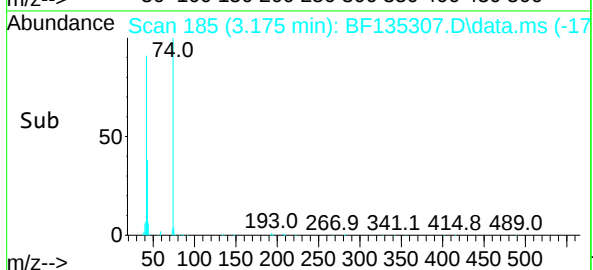
Supervised By :mohammad ahmed 09/19/2023

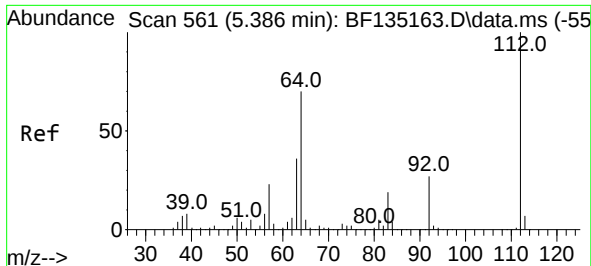


#4
n-Nitrosodimethylamine
Concen: 41.298 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion: 42 Resp: 223623
Ion Ratio Lower Upper
42 100
74 110.5 87.7 131.5
44 7.0 5.6 8.4





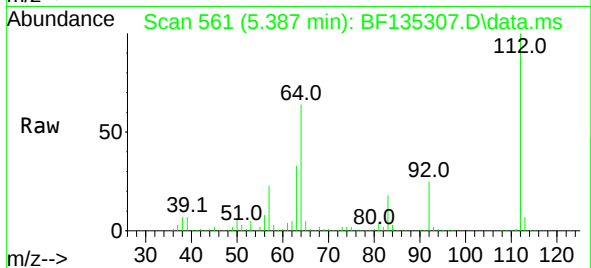
#5
2-Fluorophenol
Concen: 76.769 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

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ClientSampleId :

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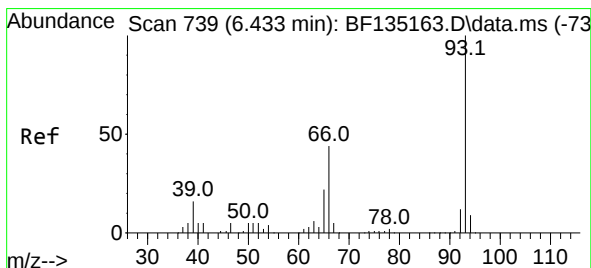
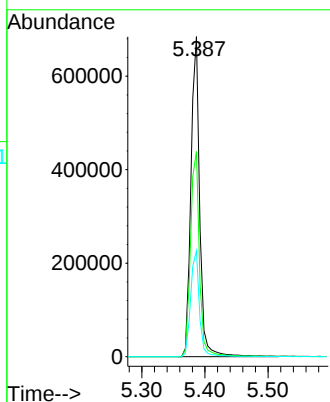
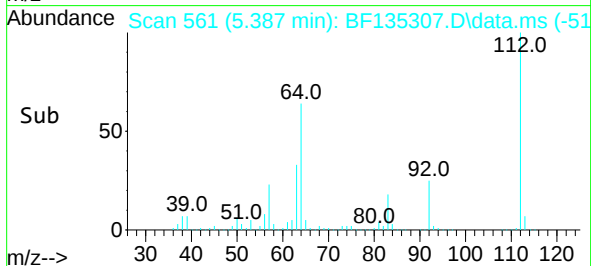
Tgt Ion:112 Resp: 663940
Ion Ratio Lower Upper
112 100
64 64.1 55.9 83.9
63 33.1 29.0 43.6

Manual Integrations

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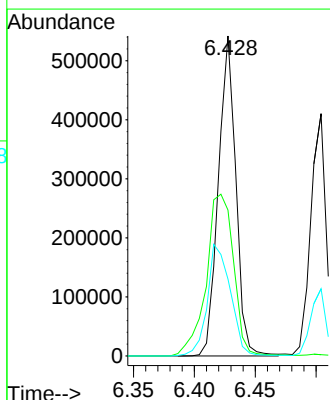
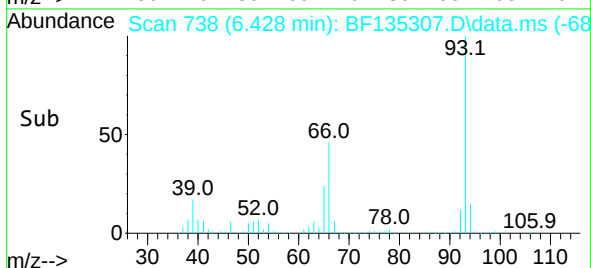
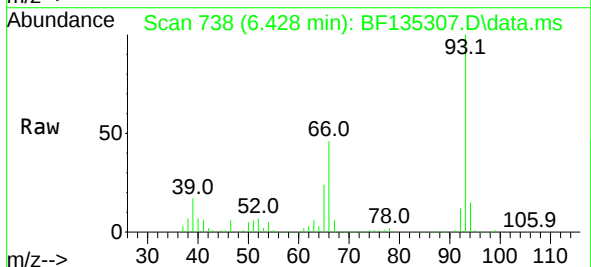
Reviewed By :Yogesh Patel 09/19/2023

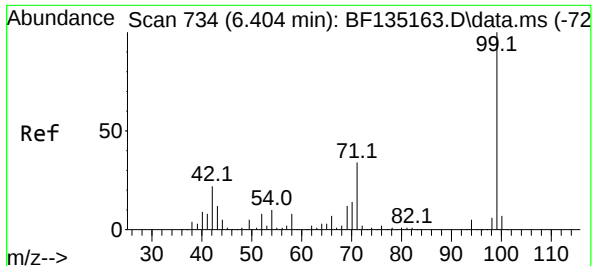
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 37.617 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

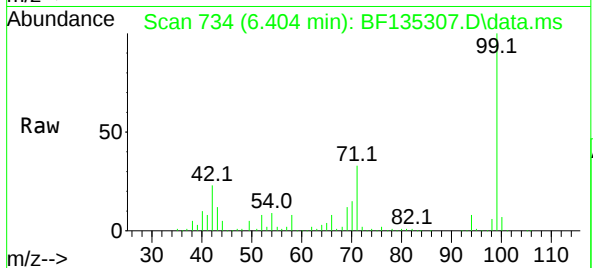
Tgt Ion: 93 Resp: 542473
Ion Ratio Lower Upper
93 100
66 45.6 35.4 53.0
65 24.0 17.8 26.8





#7
Phenol-d6
Concen: 75.580 ng
RT: 6.404 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

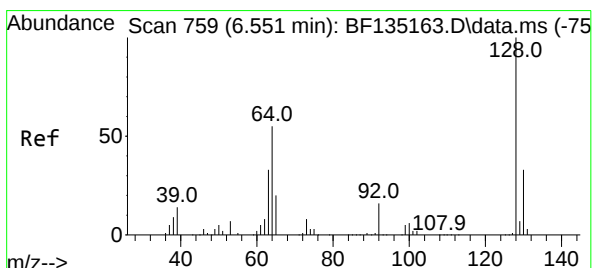
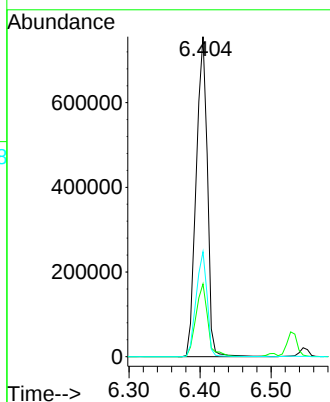
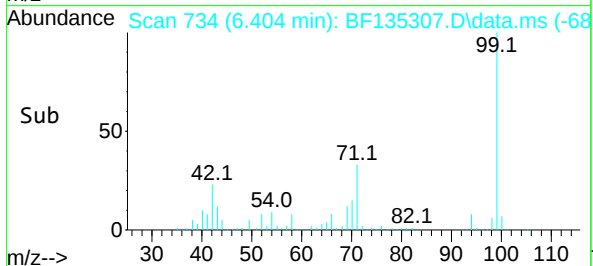
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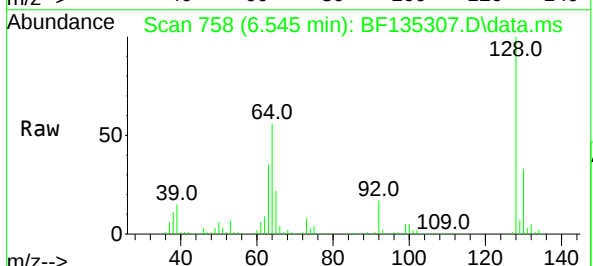
Tgt Ion: 99 Resp: 831172
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.8 27.0 40.6

Manual Integrations
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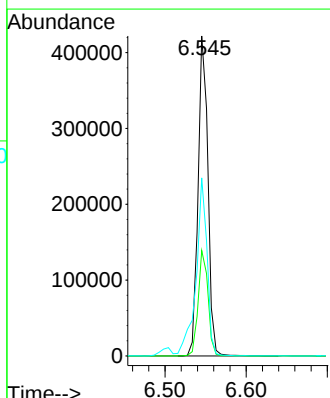
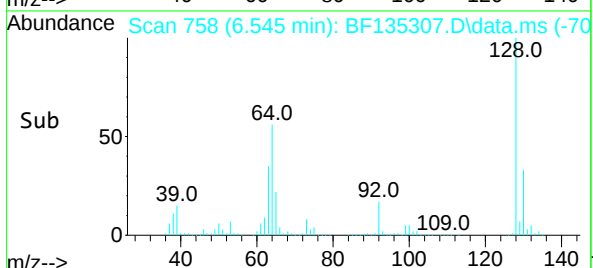
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#8
2-Chlorophenol
Concen: 38.621 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



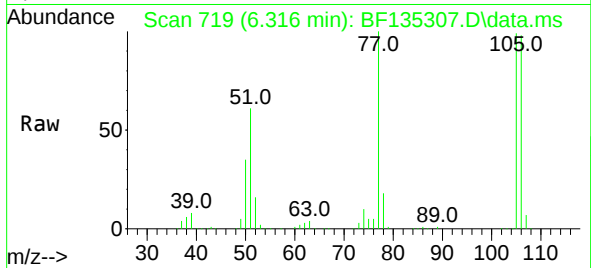
Tgt Ion:128 Resp: 356562
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 55.6 35.9 75.9





#9
Benzaldehyde
Concen: 38.467 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

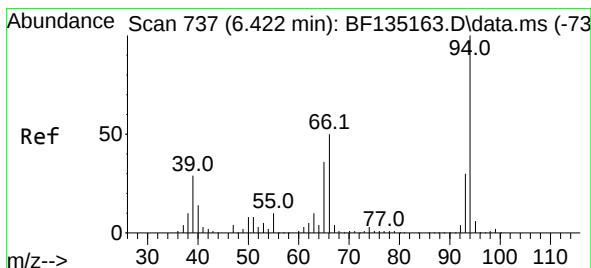
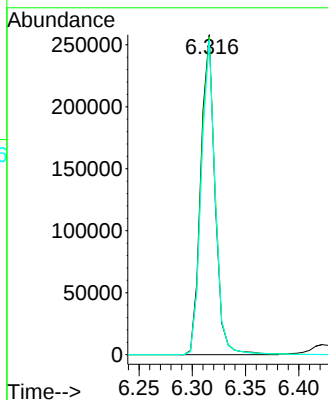
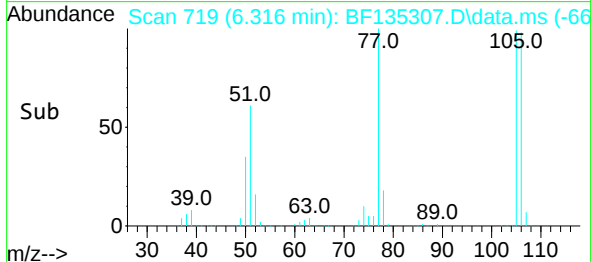
Instrument :
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Tgt Ion: 77 Resp: 240990
Ion Ratio Lower Upper
77 100
105 99.4 81.4 121.4
106 98.4 76.9 116.9

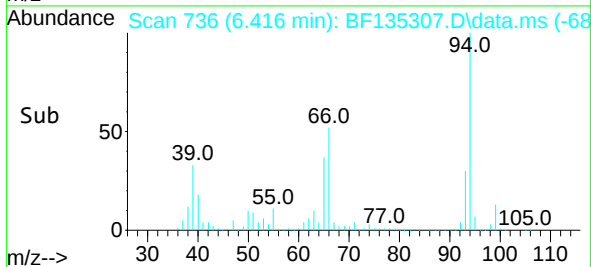
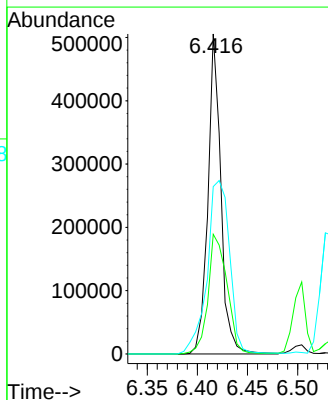
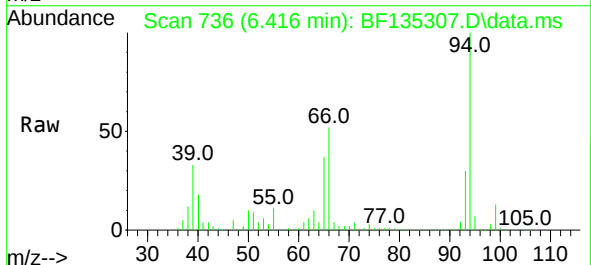
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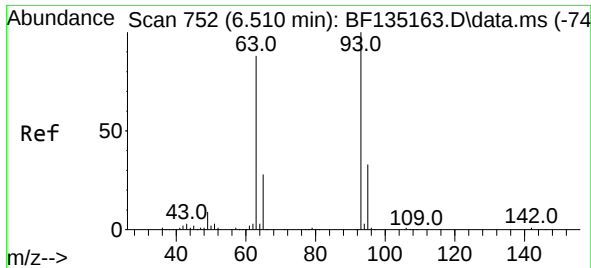
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 37.788 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion: 94 Resp: 455680
Ion Ratio Lower Upper
94 100
65 37.4 15.9 55.9
66 52.3 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 39.267 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

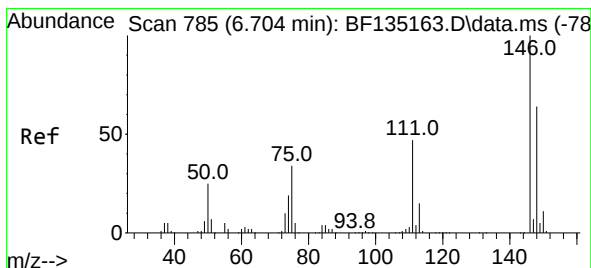
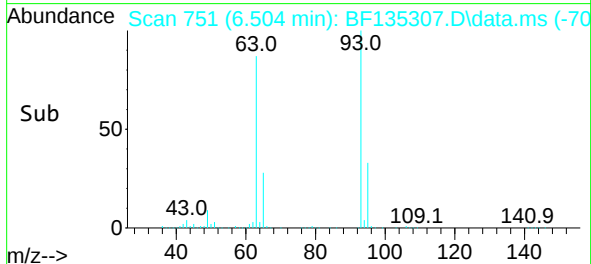
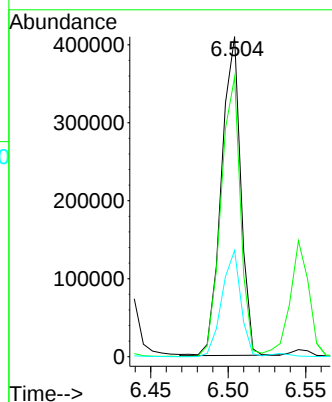
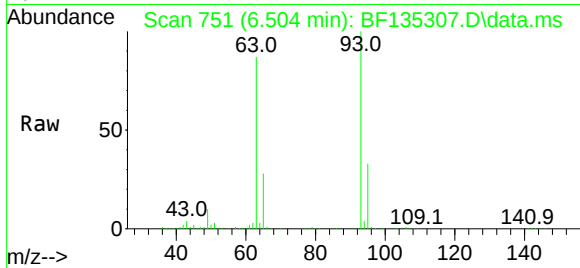
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 355192
Ion Ratio Lower Upper
93 100
63 87.4 67.3 107.3
95 33.2 12.7 52.7

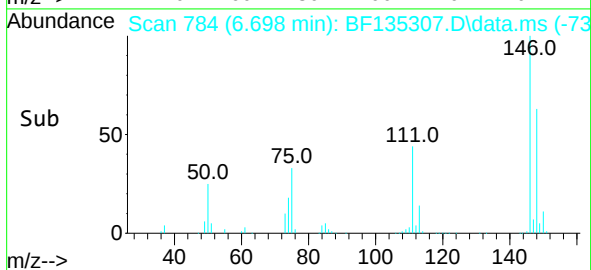
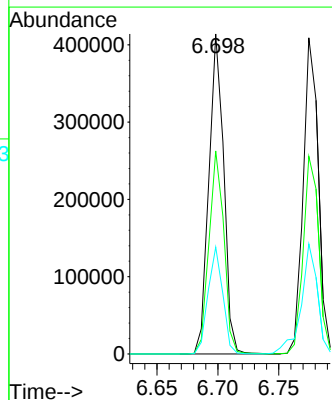
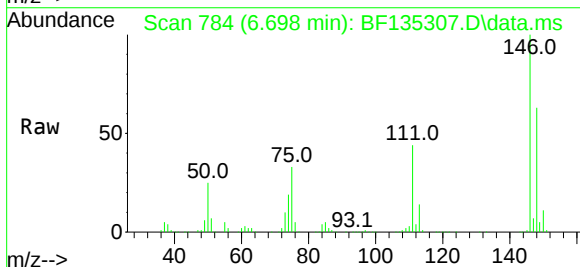
Manual Integrations
APPROVED

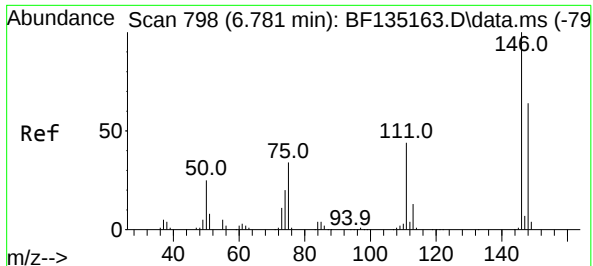
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 37.462 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:146 Resp: 351498
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 33.4 27.4 41.2





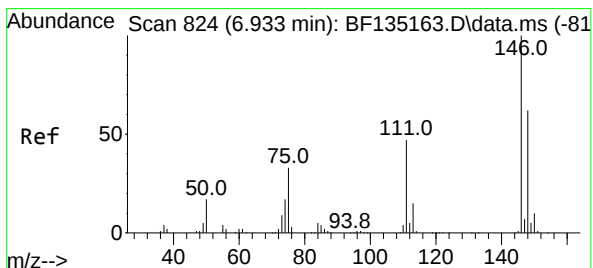
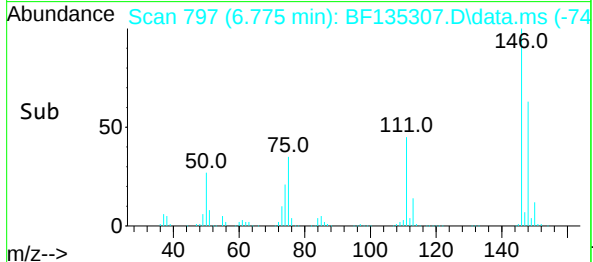
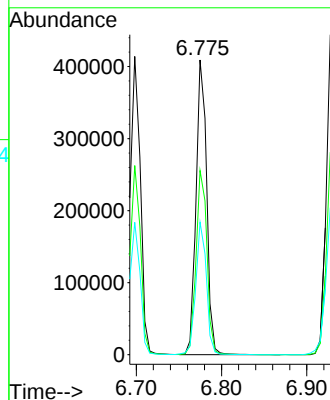
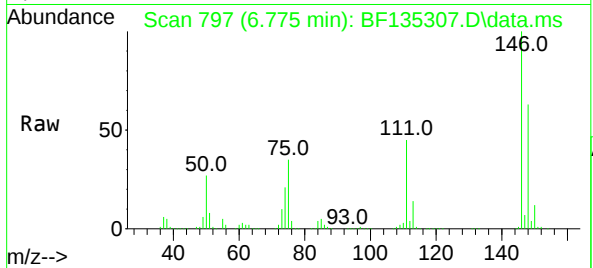
#13
1,4-Dichlorobenzene
Concen: 37.262 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 35570
Ion Ratio Lower Upper
146 100
148 62.5 51.3 76.9
111 45.0 35.1 52.7

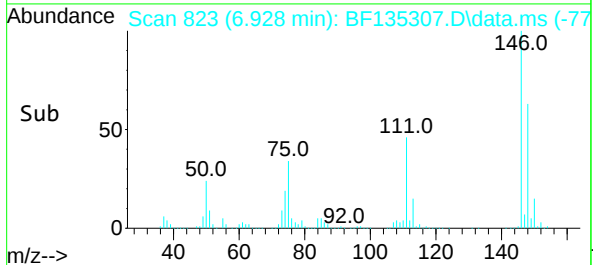
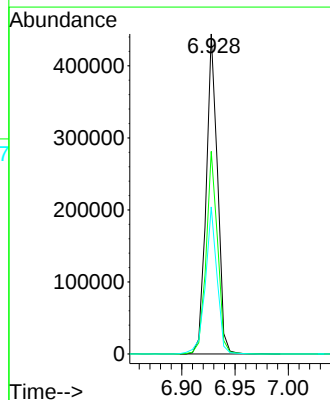
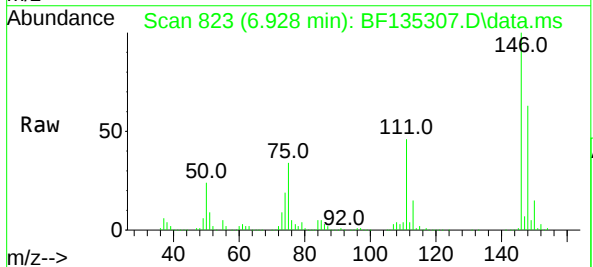
Manual Integrations
APPROVED

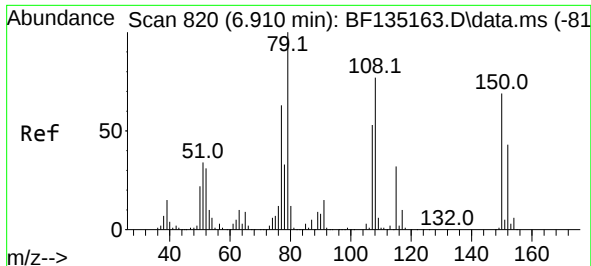
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#14
1,2-Dichlorobenzene
Concen: 37.206 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

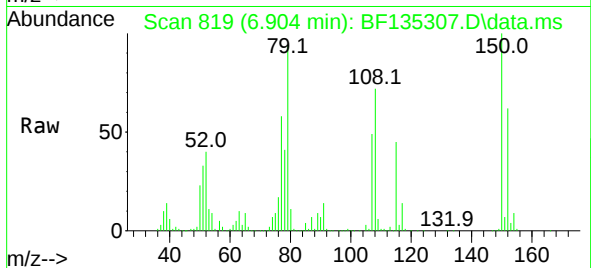
Tgt Ion:146 Resp: 329831
Ion Ratio Lower Upper
146 100
148 63.3 49.7 74.5
111 45.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 35.813 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

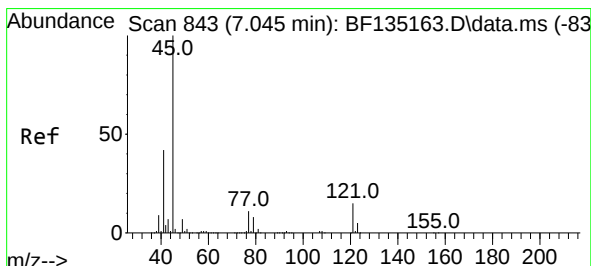
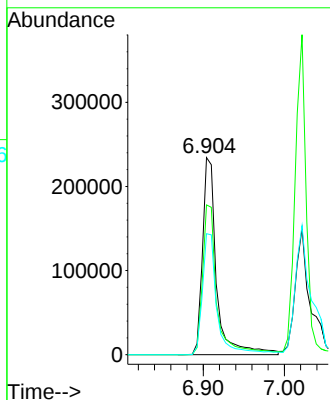
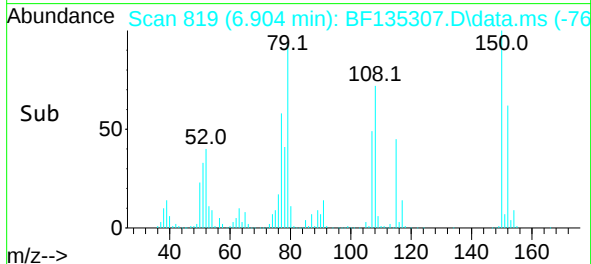
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



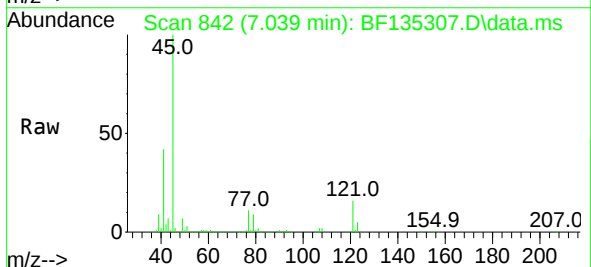
Tgt Ion: 79 Resp: 282620
Ion Ratio Lower Upper
79 100
108 76.0 61.2 91.8
77 61.3 50.5 75.7

Manual Integrations
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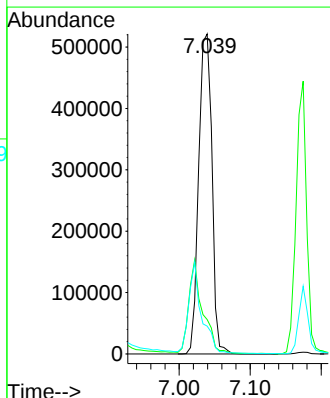
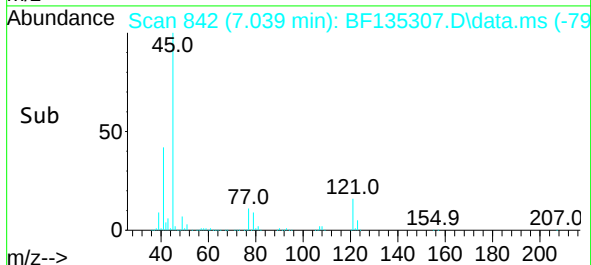
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

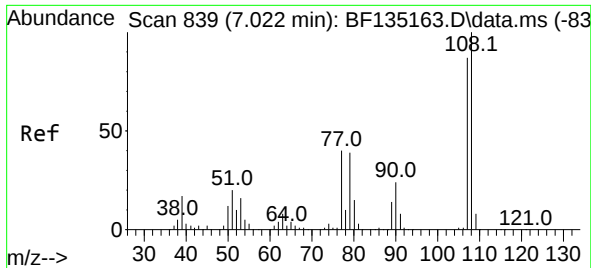


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.718 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion: 45 Resp: 677196
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.6
79 8.7 0.0 28.3





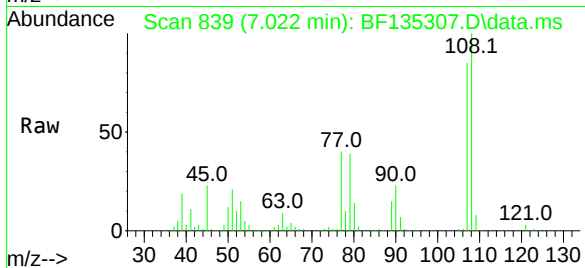
#17
2-Methylphenol
Concen: 38.040 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

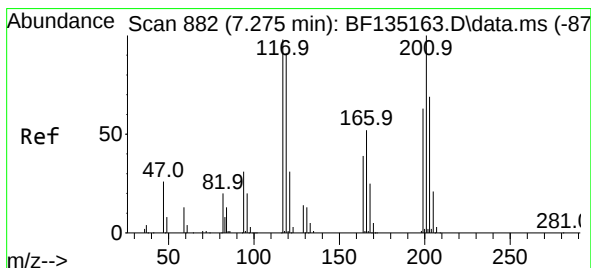
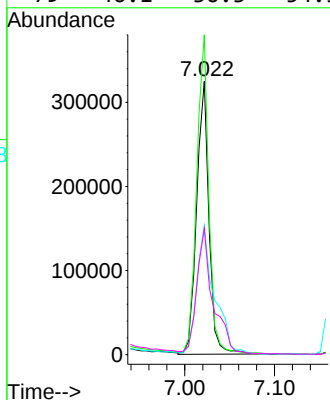


Tgt Ion:107 Resp: 309918
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 47.2 36.7 55.1
79 46.1 36.3 54.5

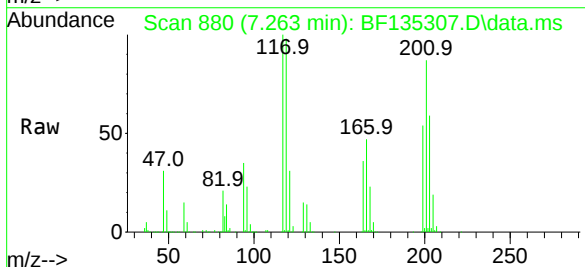
Manual Integrations

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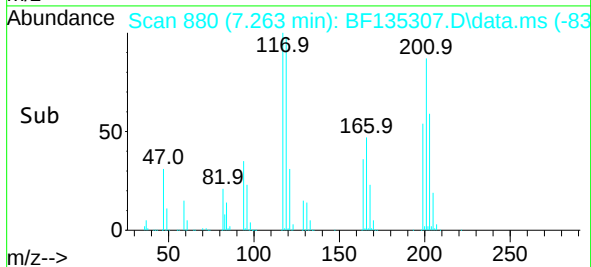
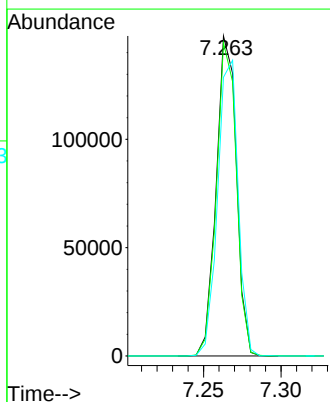
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#18
Hexachloroethane
Concen: 37.998 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:117 Resp: 134028
Ion Ratio Lower Upper
117 100
119 97.8 74.7 112.1
201 87.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 35.491 ng

RT: 7.175 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF135307.D

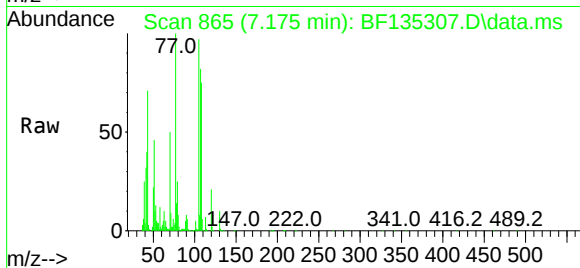
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 241754

Ion Ratio Lower Upper

70 100

42 78.9 55.4 83.0

101 9.4 7.7 11.5

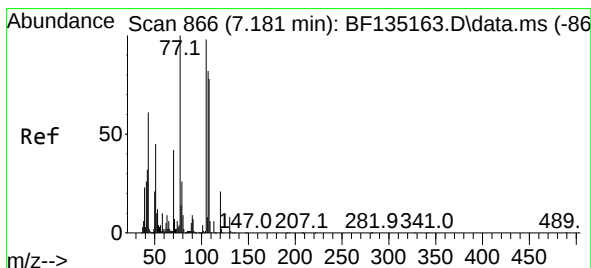
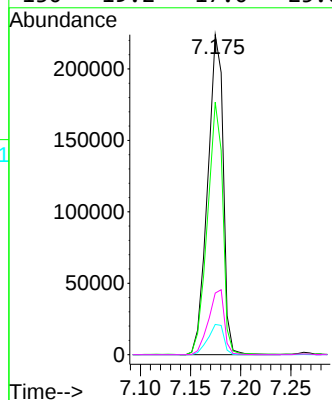
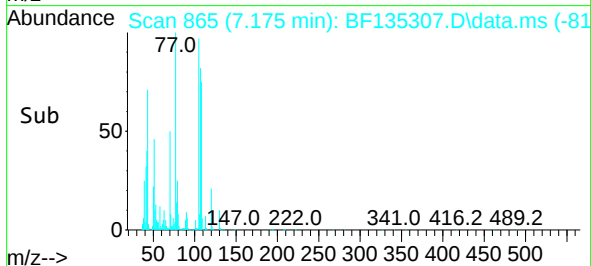
130 19.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#20

3+4-Methylphenols

Concen: 36.335 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Tgt Ion:107 Resp: 355966

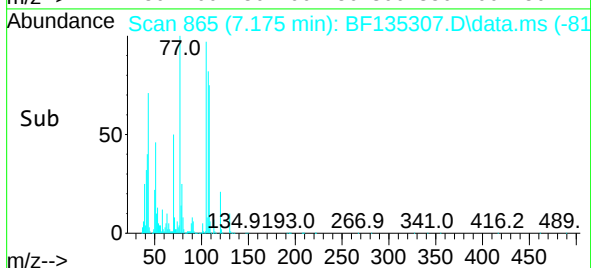
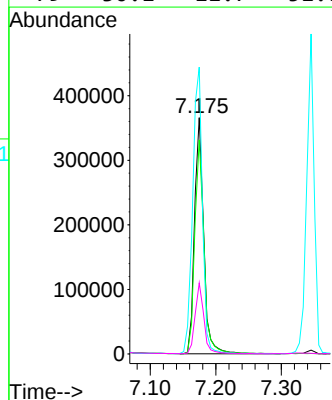
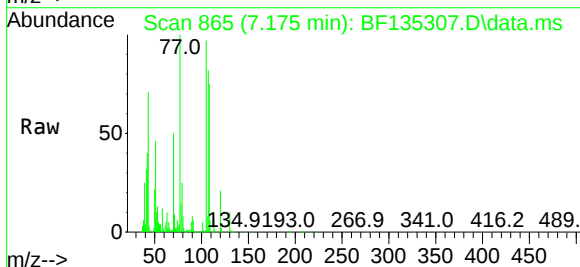
Ion Ratio Lower Upper

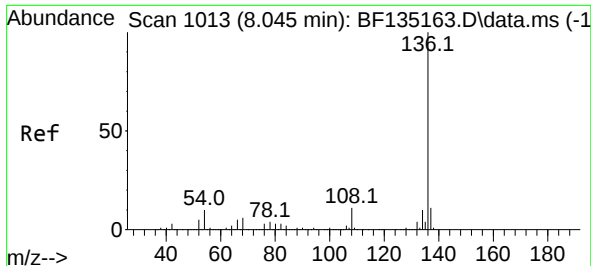
107 100

108 90.6 74.7 114.7

77 121.4 102.0 142.0

79 30.1 11.7 51.7





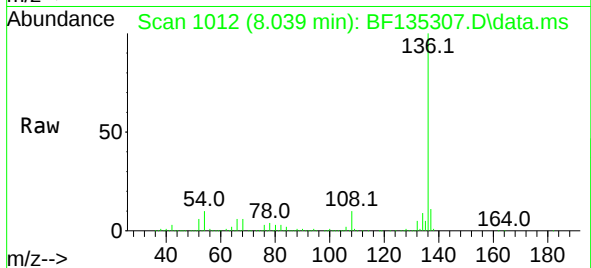
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

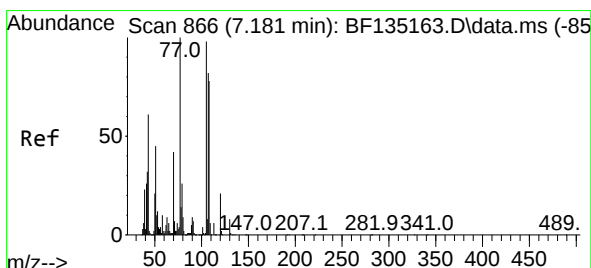
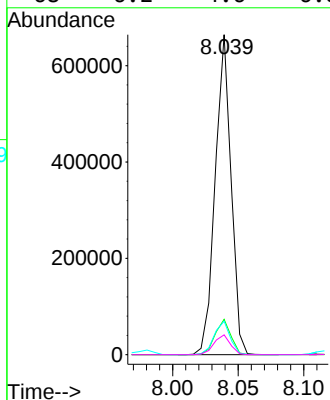
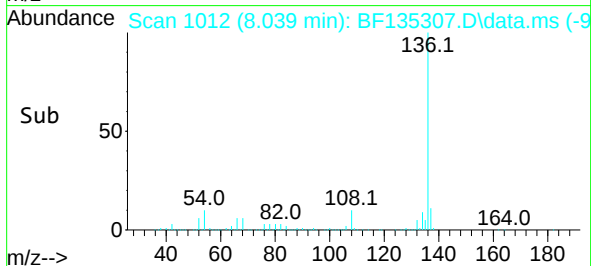


Tgt Ion:136 Resp: 558630
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.5 7.7 11.5
68 6.2 4.6 6.8

Manual Integrations

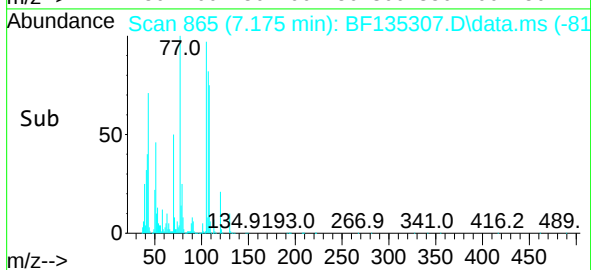
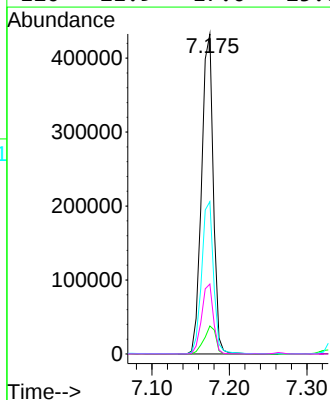
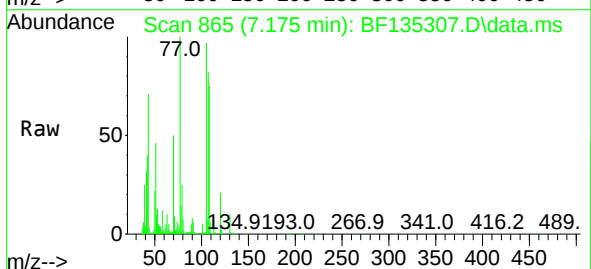
APPROVED

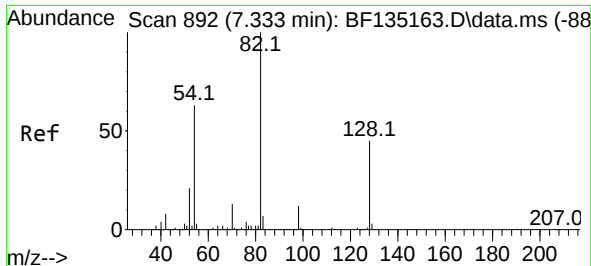
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 35.507 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:105 Resp: 453490
Ion Ratio Lower Upper
105 100
71 8.8 5.8 8.6#
51 47.6 37.0 55.4
120 21.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 75.224 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

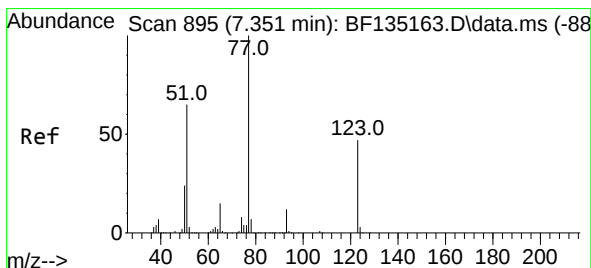
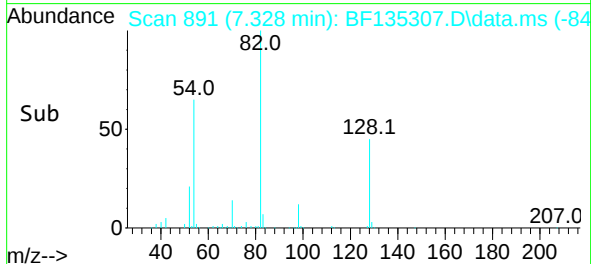
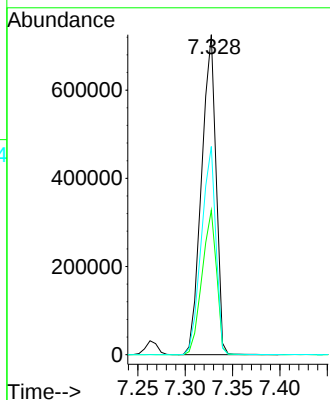
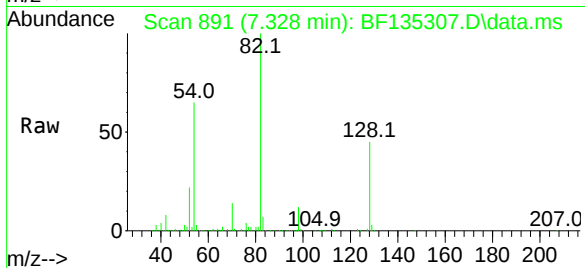
Tgt Ion:	82	Resp:	773484
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.6
54	65.1	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#24

Nitrobenzene

Concen: 38.185 ng

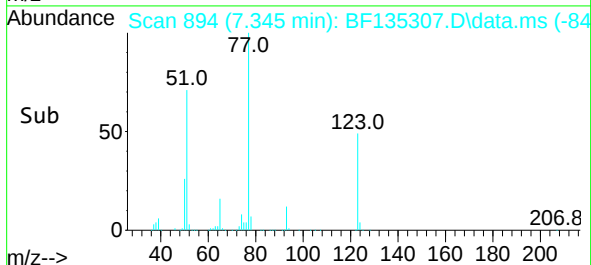
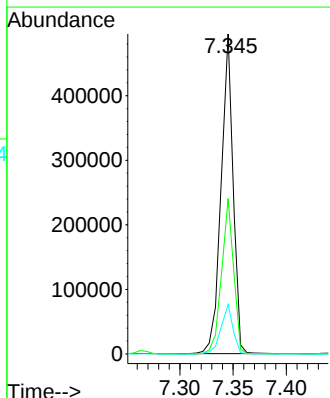
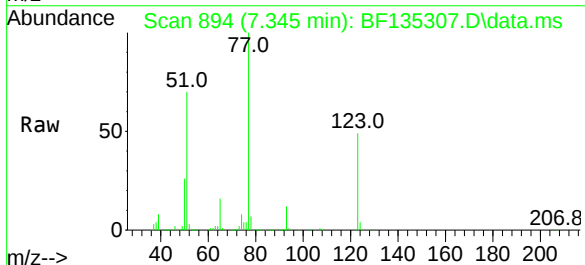
RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

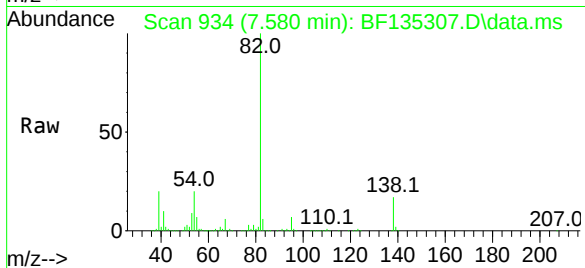
Tgt Ion:	77	Resp:	388076
Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.6	56.4
65	15.5	12.2	18.4





#25
Isophorone
Concen: 38.101 ng
RT: 7.580 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

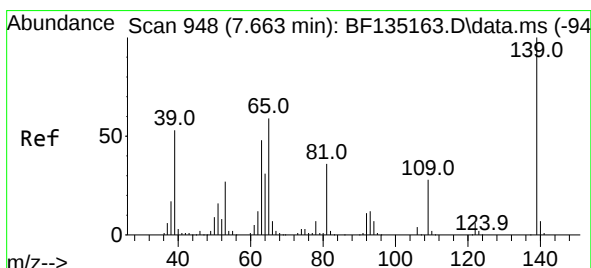
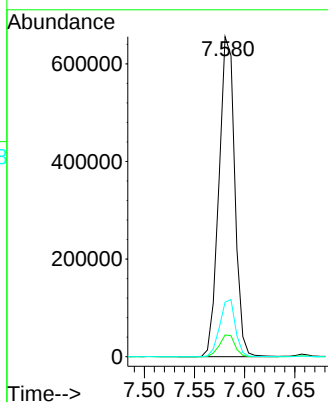
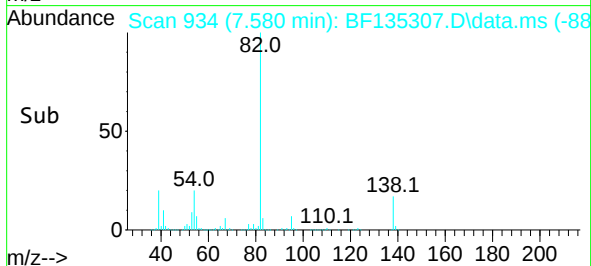
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 71938
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.1 14.5 21.7

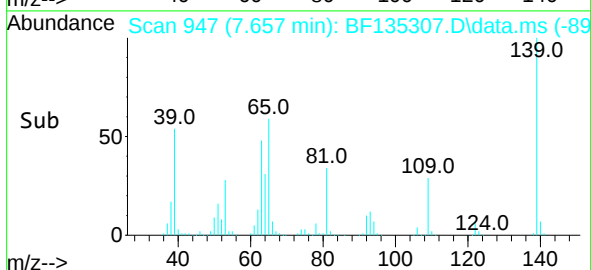
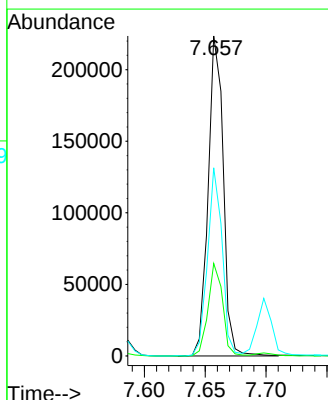
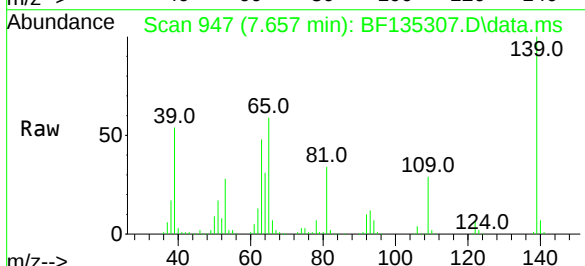
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 39.684 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:139 Resp: 193568
Ion Ratio Lower Upper
139 100
109 28.9 22.6 33.8
65 58.8 47.0 70.4





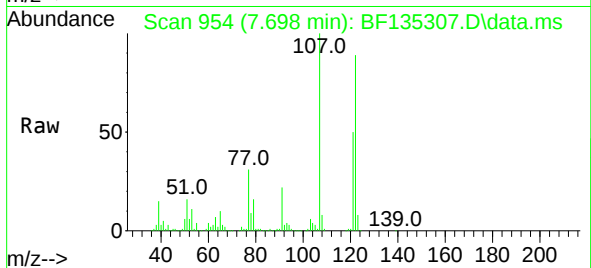
#27
2,4-Dimethylphenol
Concen: 37.711 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

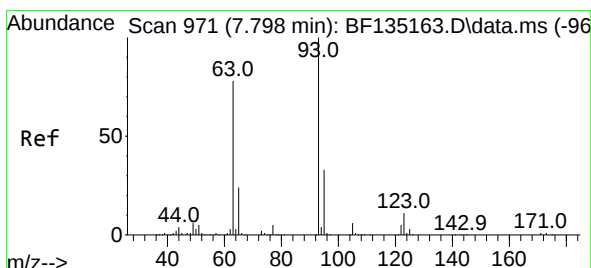
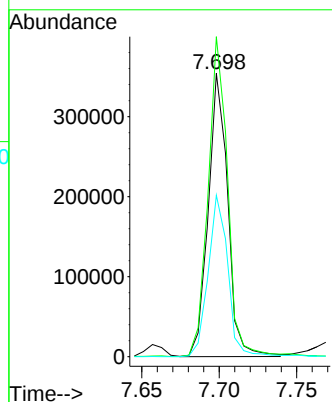
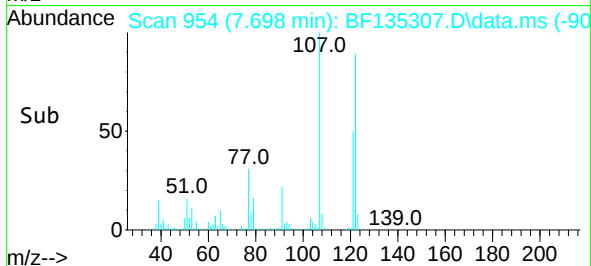


Tgt Ion:122 Resp: 309188
Ion Ratio Lower Upper
122 100
107 112.9 90.2 135.4
121 57.0 46.3 69.5

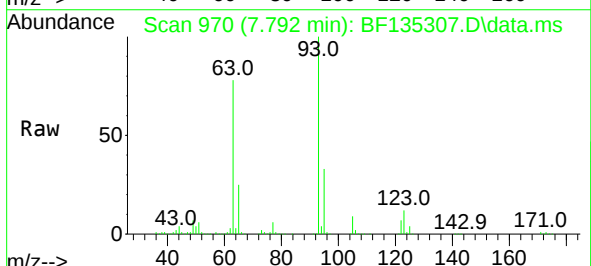
Manual Integrations

APPROVED

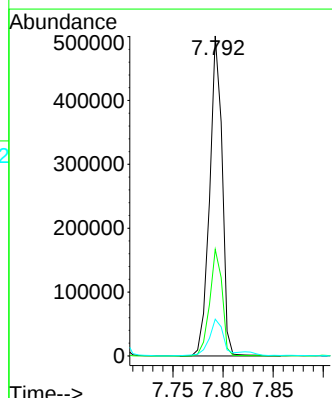
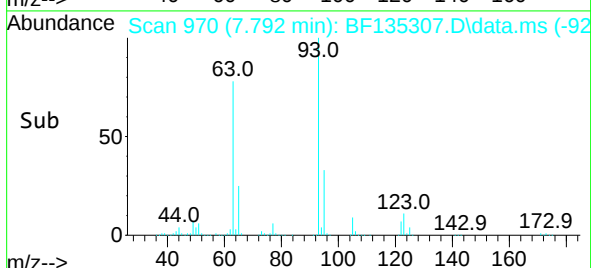
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.597 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion: 93 Resp: 436183
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 38.027 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135307.D

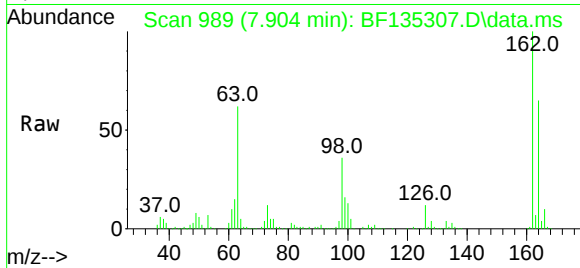
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



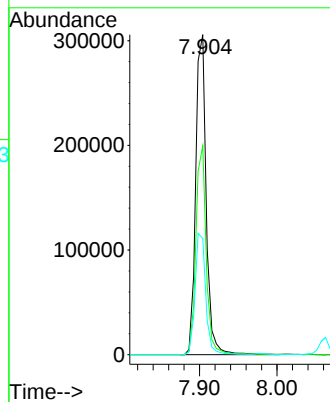
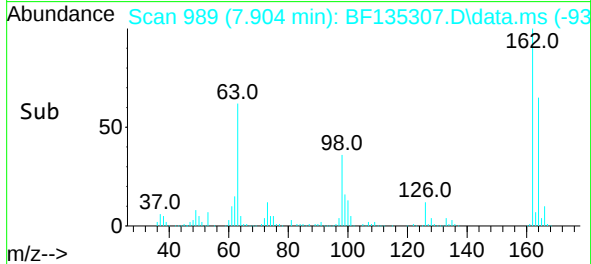
Tgt Ion:	162	Resp:	28889
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.1	84.1
98	36.4	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

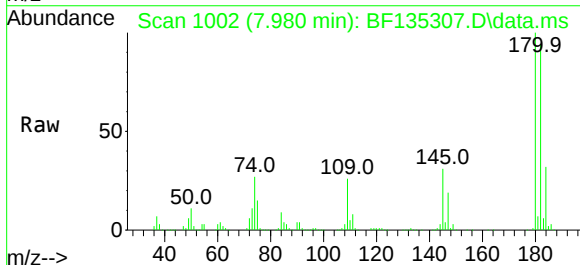
Concen: 37.345 ng

RT: 7.980 min Scan# 1002

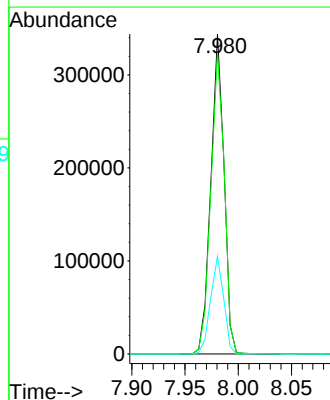
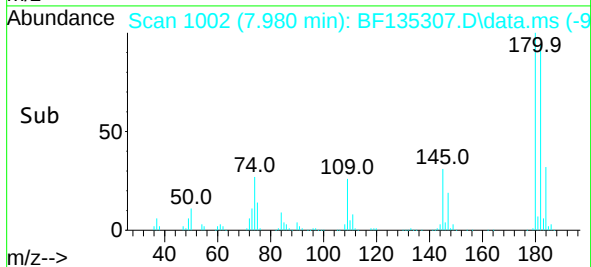
Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27



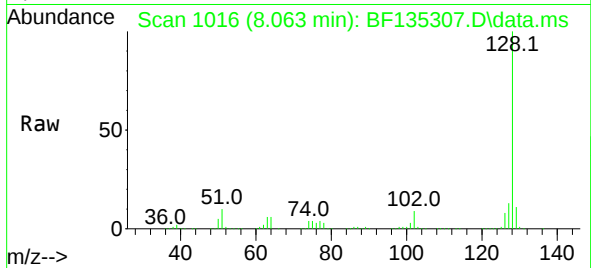
Tgt Ion:	180	Resp:	296548
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.9	115.3
145	30.6	24.5	36.7





#31
Naphthalene
Concen: 37.101 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

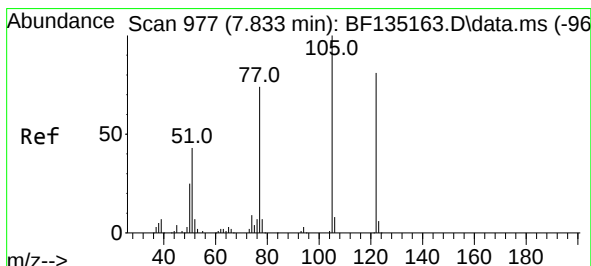
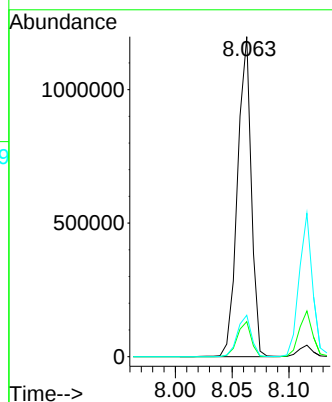
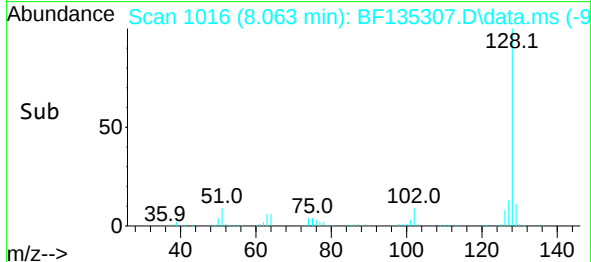
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 100701
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.7 16.1

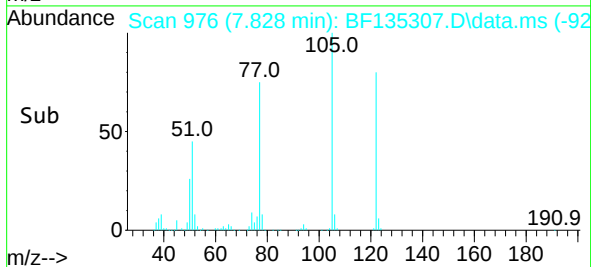
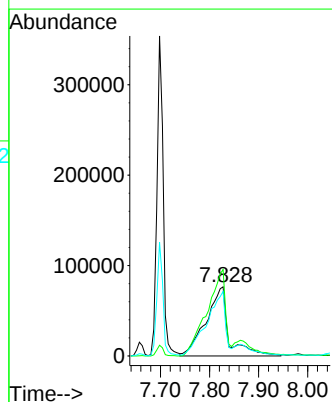
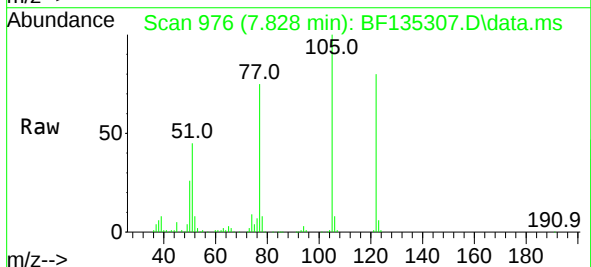
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 39.955 ng m
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:122 Resp: 246674
Ion Ratio Lower Upper
122 100
105 125.0 99.9 139.9
77 93.1 70.0 110.0





#33
4-Chloroaniline
Concen: 38.029 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

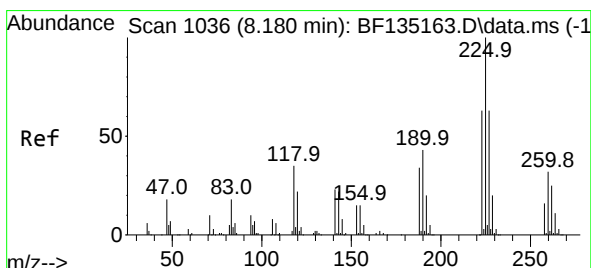
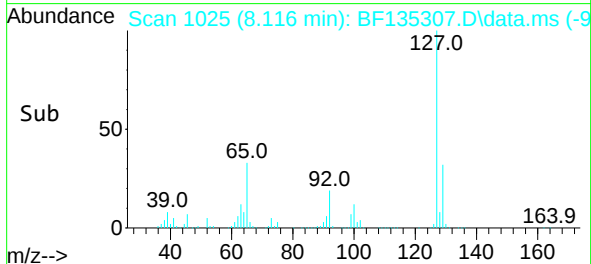
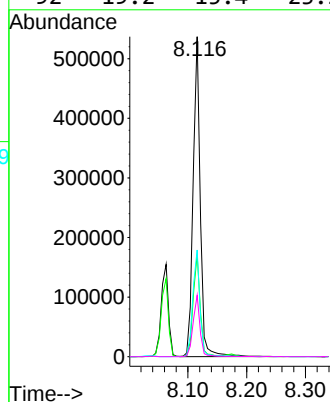
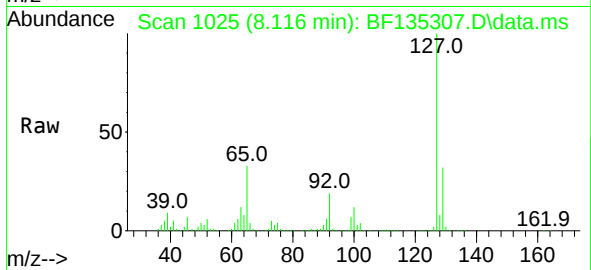
SSTDCCC040

Tgt Ion:127 Resp: 452872
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 33.3 26.6 39.8
92 19.2 15.4 23.2

Manual Integrations

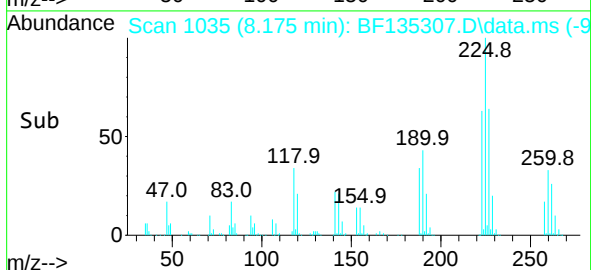
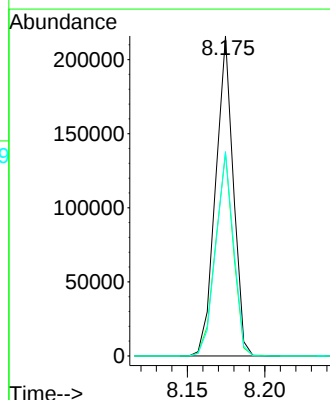
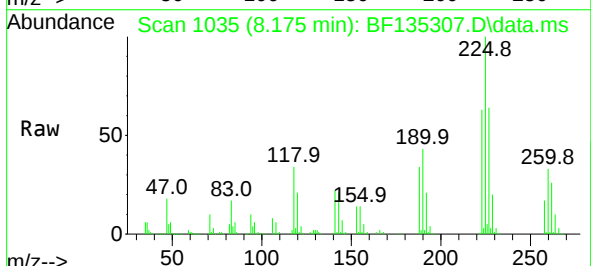
APPROVED

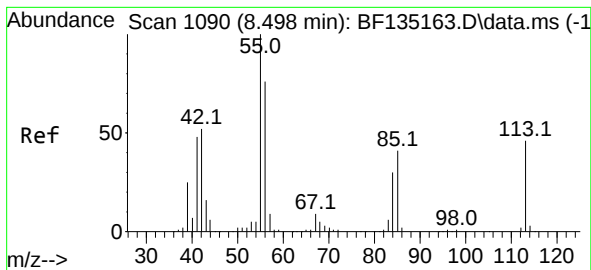
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#34
Hexachlorobutadiene
Concen: 35.791 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:225 Resp: 171372
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 63.9 50.8 76.2





#35

Caprolactam

Concen: 39.463 ng m

RT: 8.492 min Scan# 1090

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 100620

Ion Ratio Lower Upper

113 100

55 228.6 199.3 239.3

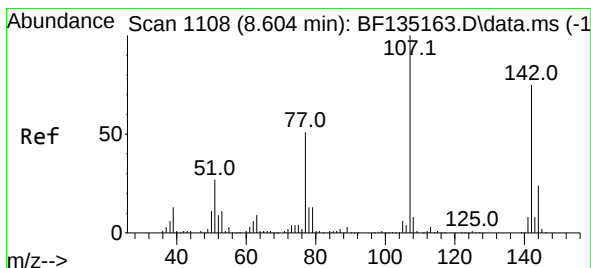
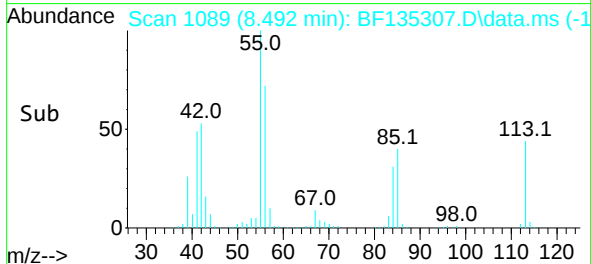
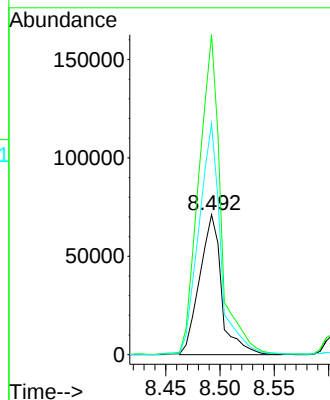
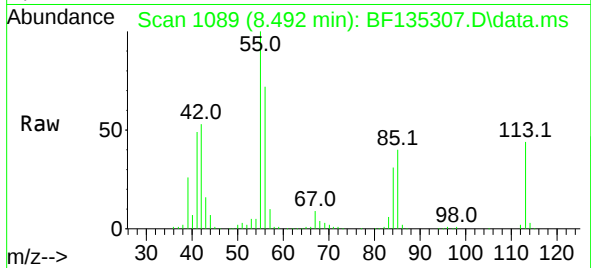
56 165.1 146.3 186.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#36

4-Chloro-3-methylphenol

Concen: 37.468 ng

RT: 8.604 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

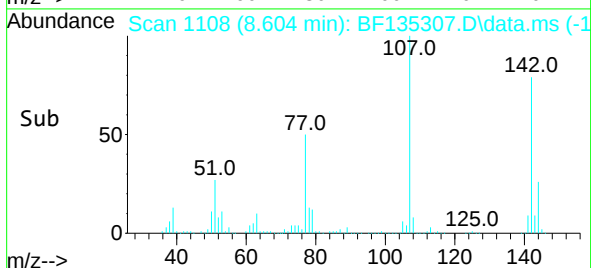
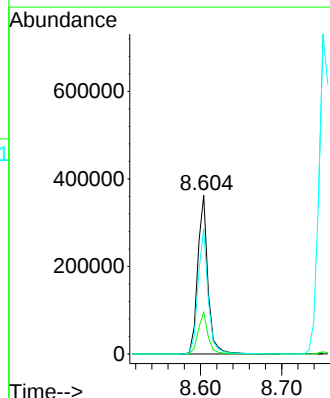
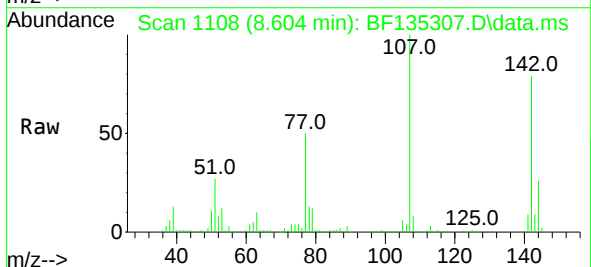
Tgt Ion:107 Resp: 316369

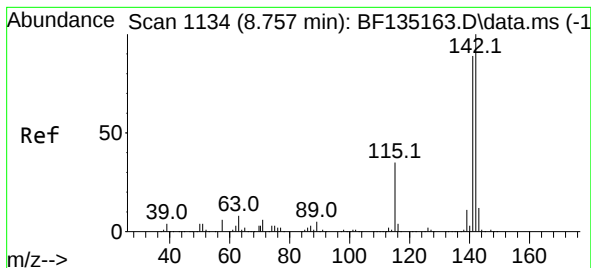
Ion Ratio Lower Upper

107 100

144 26.2 19.0 28.4

142 79.0 60.2 90.2





#37
2-Methylnaphthalene
Concen: 36.330 ng
RT: 8.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

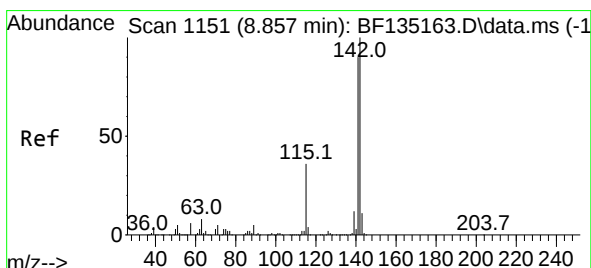
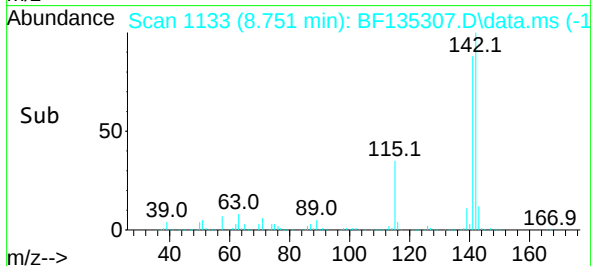
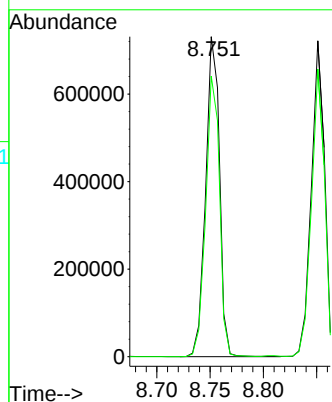
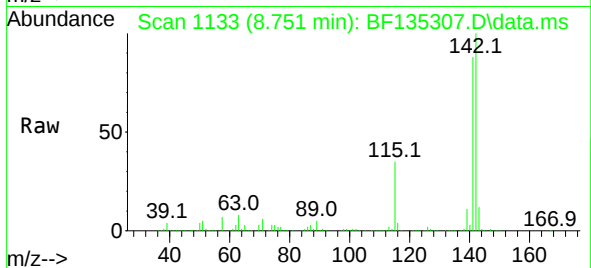
SSTDCCC040

Tgt Ion:142 Resp: 66283
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6

Manual Integrations

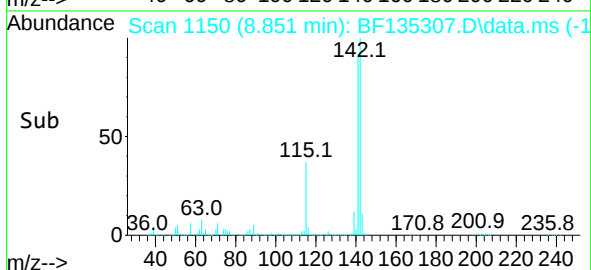
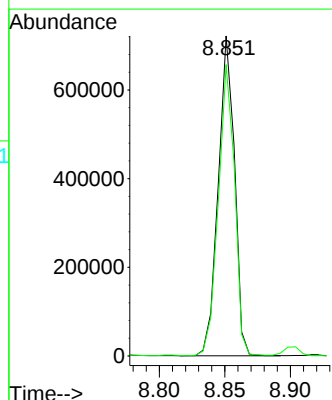
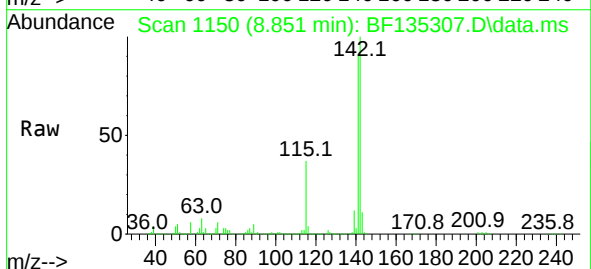
APPROVED

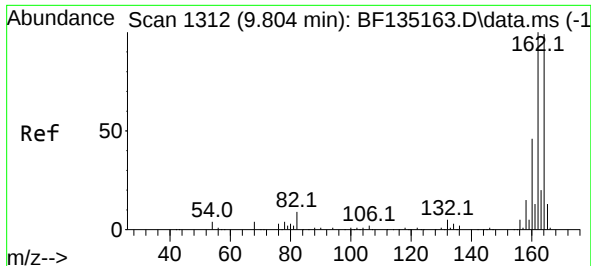
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#38
1-Methylnaphthalene
Concen: 36.396 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:142 Resp: 621711
Ion Ratio Lower Upper
142 100
141 91.1 72.4 108.6





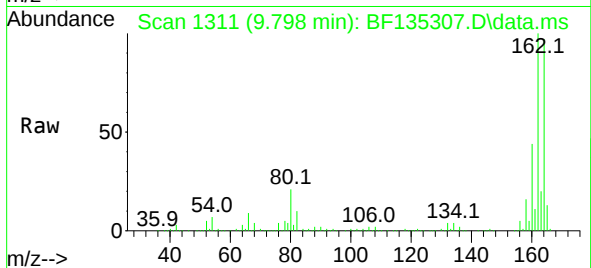
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



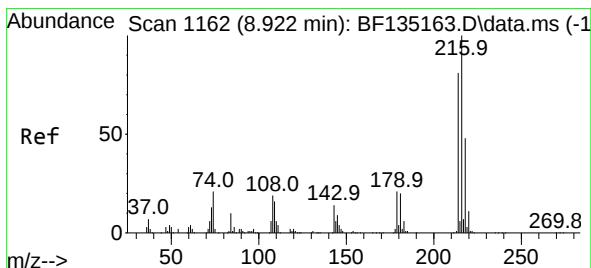
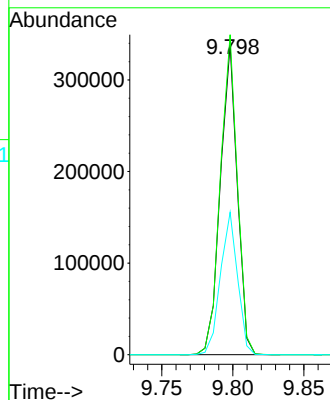
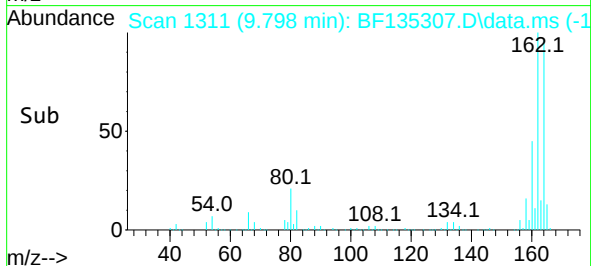
Tgt Ion:164 Resp: 280604
Ion Ratio Lower Upper
164 100
162 103.1 81.0 121.4
160 45.9 37.0 55.4

Manual Integrations

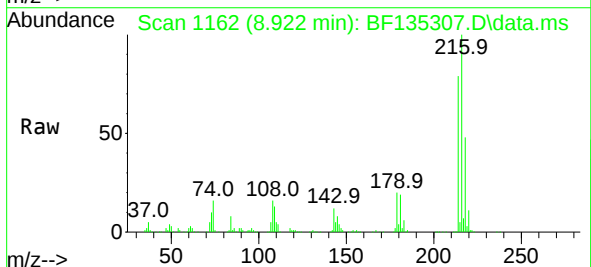
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

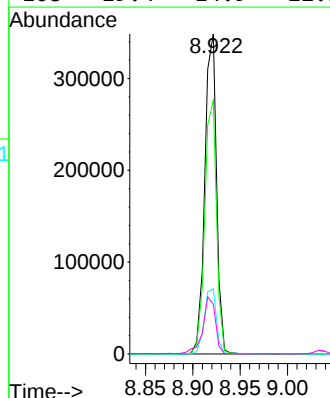
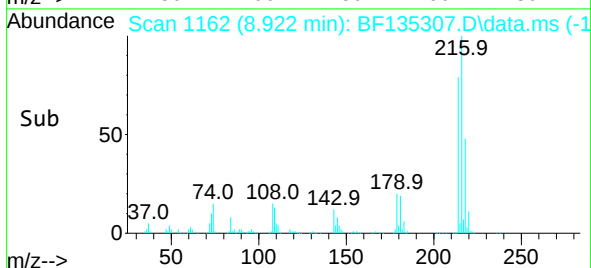
Supervised By :mohammad ahmed 09/19/2023

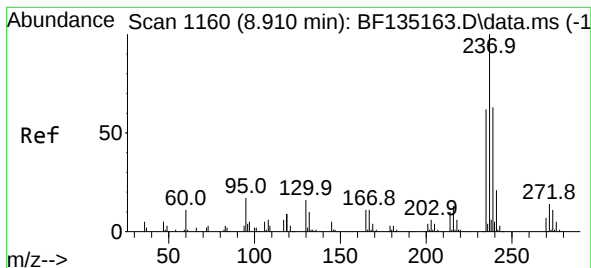


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.967 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:216 Resp: 300519
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.0 16.7 25.1
108 19.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 42.264 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

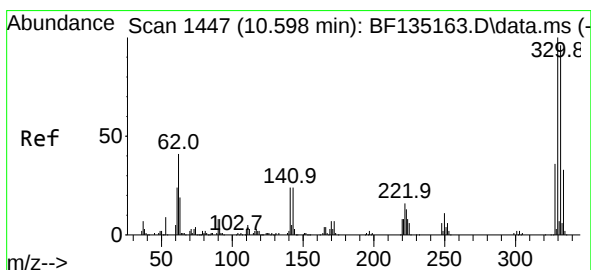
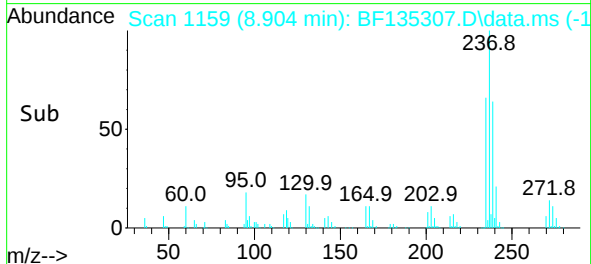
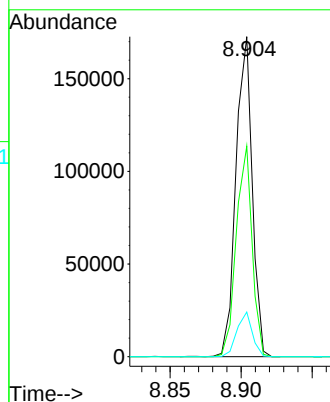
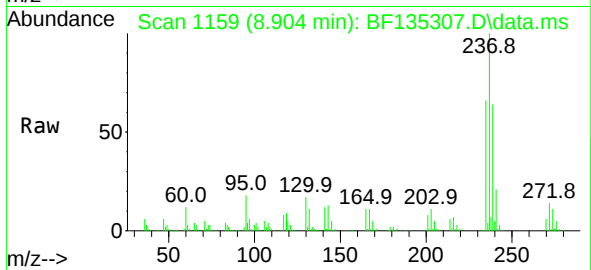
Tgt Ion:237	Resp: 13764
Ion Ratio	Lower Upper
237 100	
235 65.8	41.8 81.8
272 14.0	0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#42

2,4,6-Tribromophenol

Concen: 69.044 ng

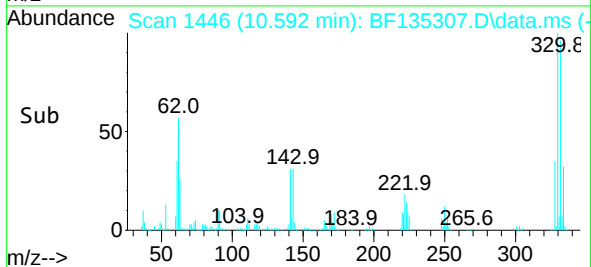
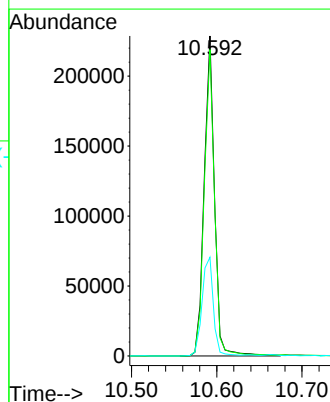
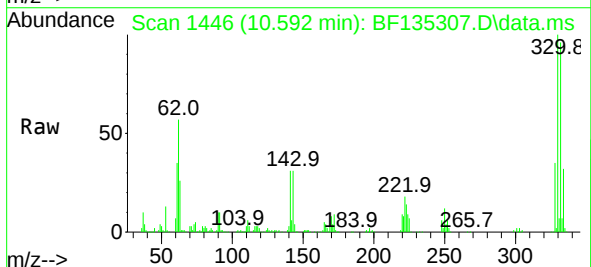
RT: 10.592 min Scan# 1446

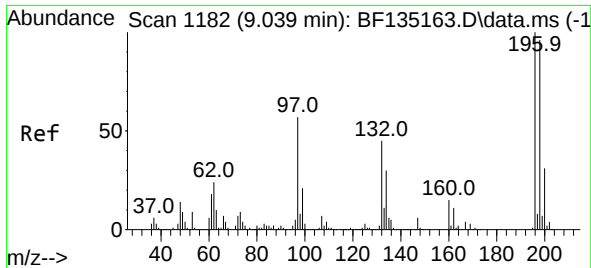
Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Tgt Ion:330	Resp: 192530
Ion Ratio	Lower Upper
330 100	
332 95.5	77.3 115.9
141 33.9	25.8 38.8





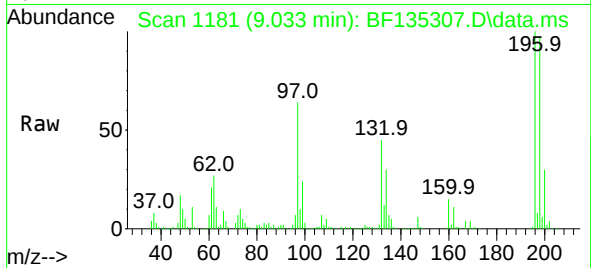
#43
2,4,6-Trichlorophenol
Concen: 37.391 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

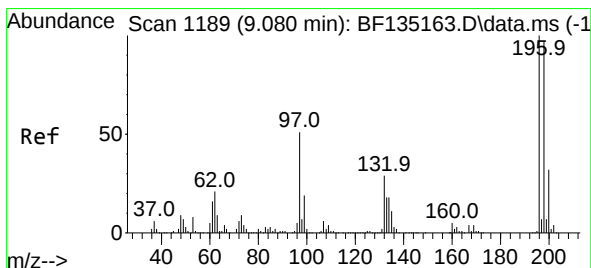
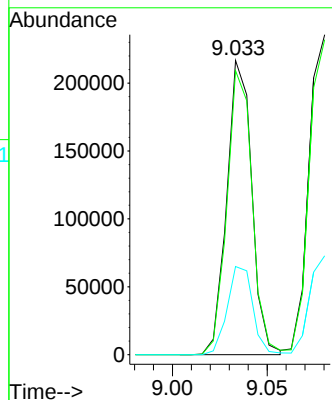


Tgt Ion:196 Resp: 199010
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.6
200 30.0 24.5 36.7

Manual Integrations

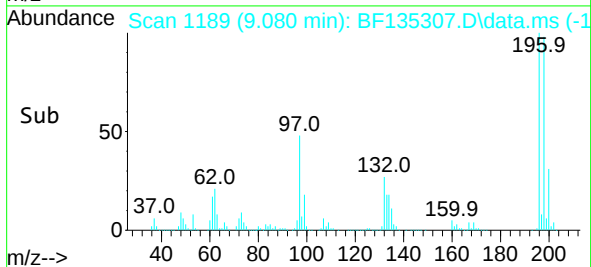
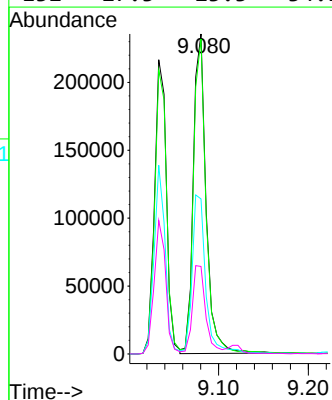
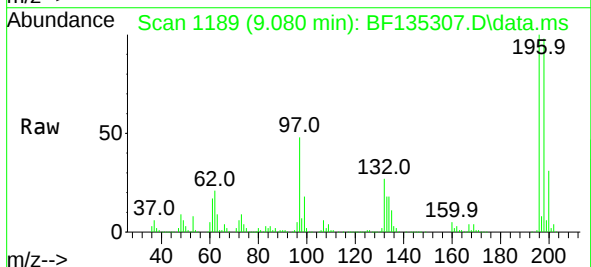
APPROVED

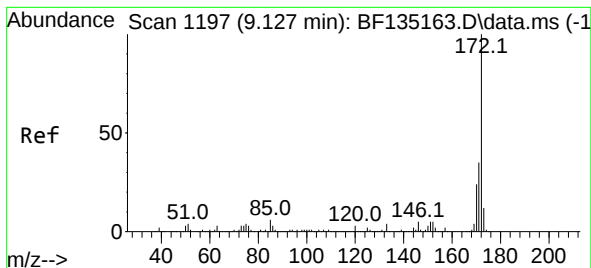
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#44
2,4,5-Trichlorophenol
Concen: 38.114 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

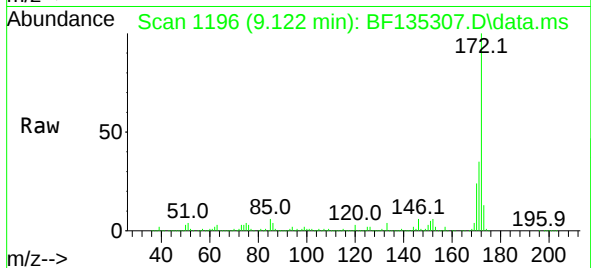
Tgt Ion:196 Resp: 233625
Ion Ratio Lower Upper
196 100
198 98.5 77.5 116.3
97 48.5 40.5 60.7
132 27.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 69.821 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

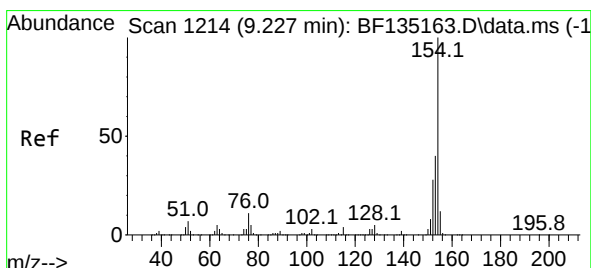
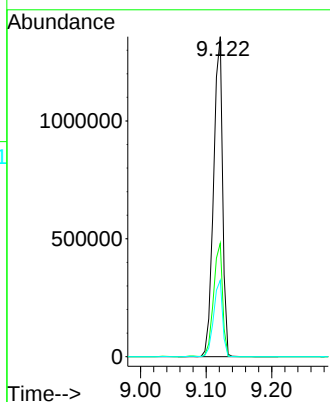
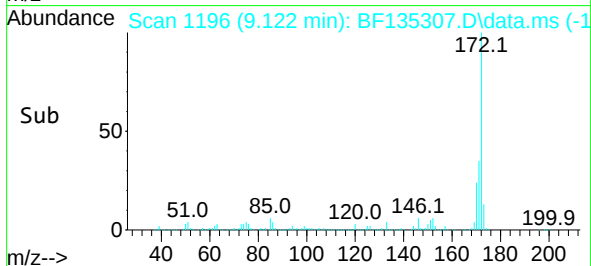
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



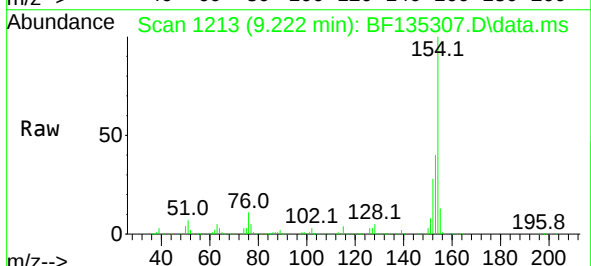
Tgt Ion:172 Resp: 1298578
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.9 19.0 28.4

Manual Integrations
APPROVED

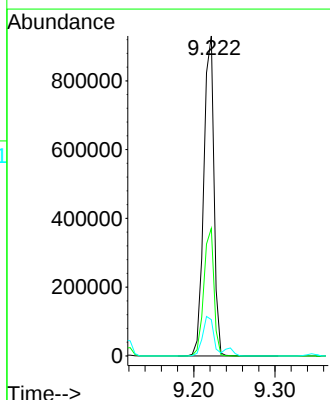
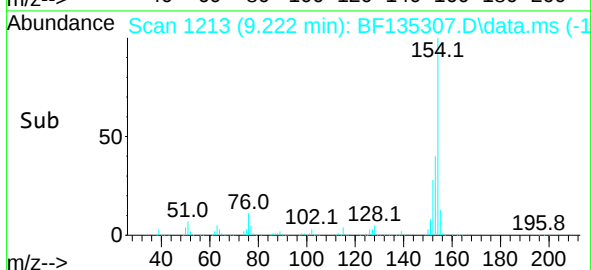
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

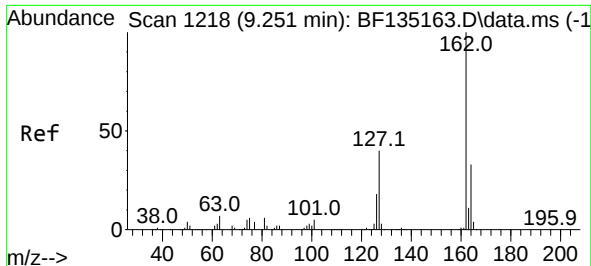


#46
1,1'-Biphenyl
Concen: 37.525 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:154 Resp: 809191
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 11.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 37.433 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

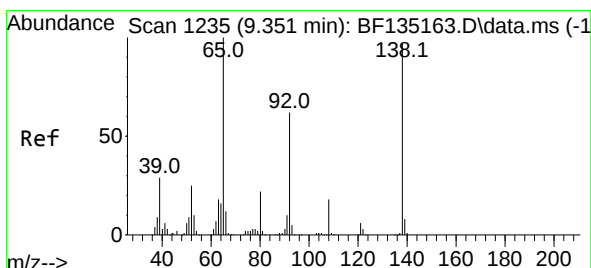
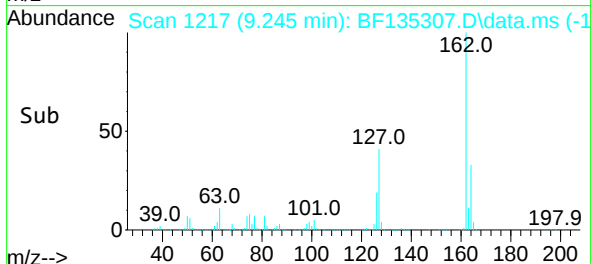
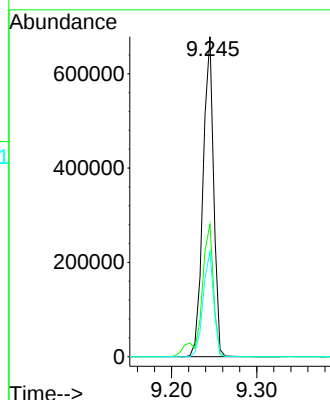
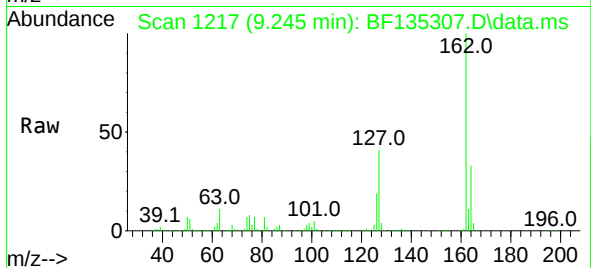
Tgt Ion:	162	Resp:	585678
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.6	48.8
164	32.9	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 39.848 ng

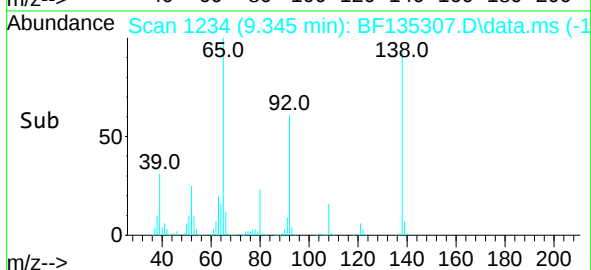
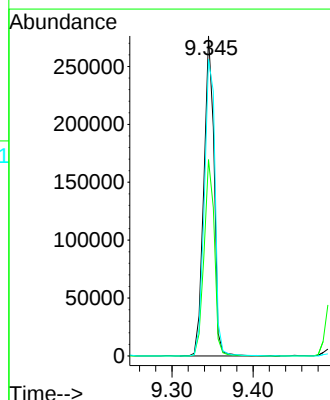
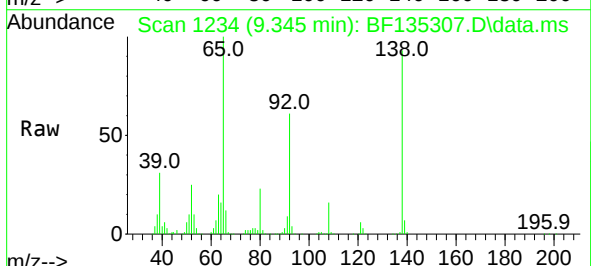
RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

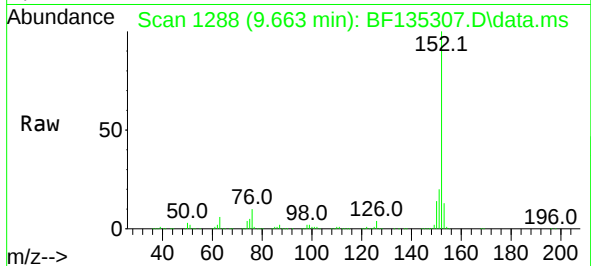
Tgt Ion:	65	Resp:	242213
Ion Ratio	Lower	Upper	
65	100		
92	61.4	49.4	74.0
138	92.6	77.4	116.0





#49
Acenaphthylene
Concen: 37.247 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

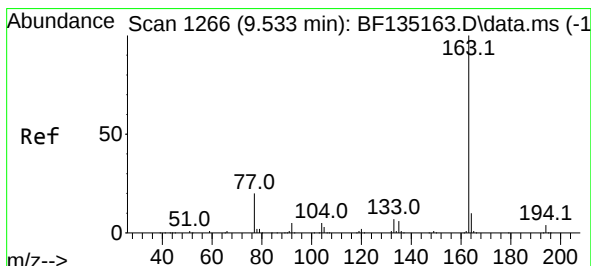
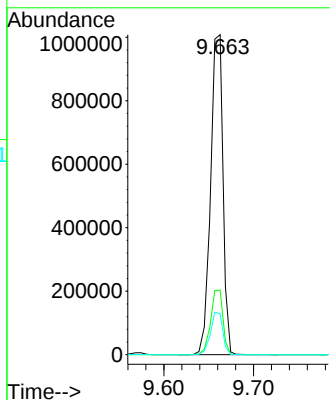
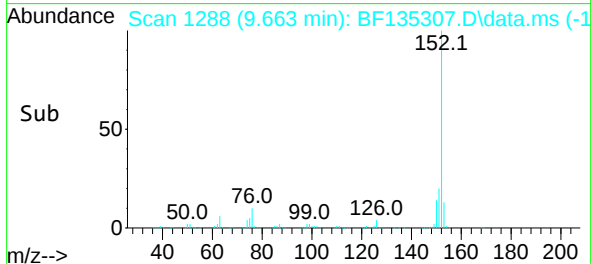
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



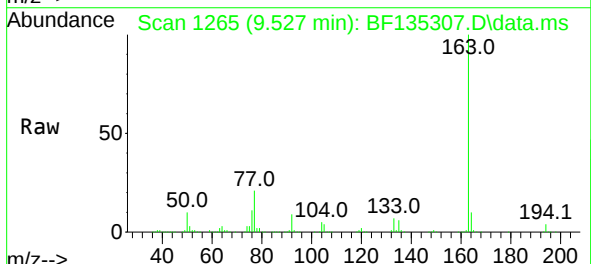
Tgt Ion:152 Resp: 968514
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.8 10.4 15.6

Manual Integrations
APPROVED

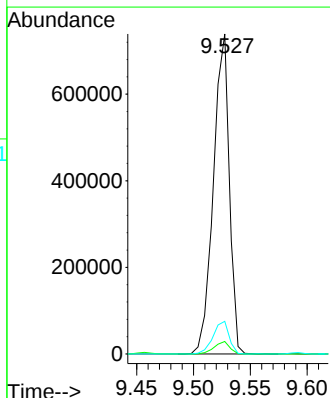
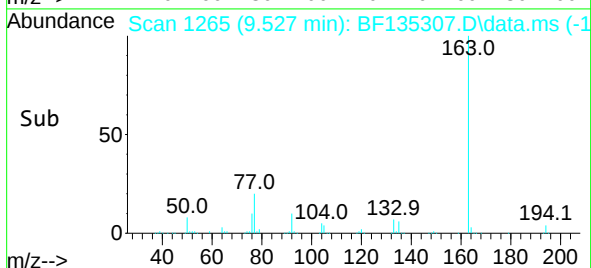
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

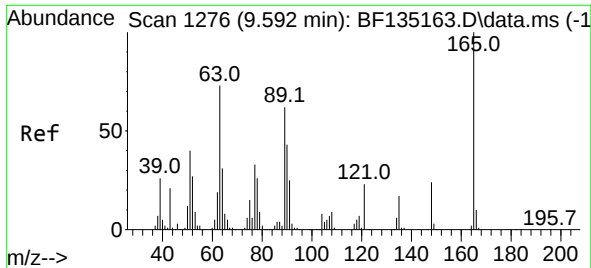


#50
Dimethylphthalate
Concen: 38.043 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:163 Resp: 721736
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1





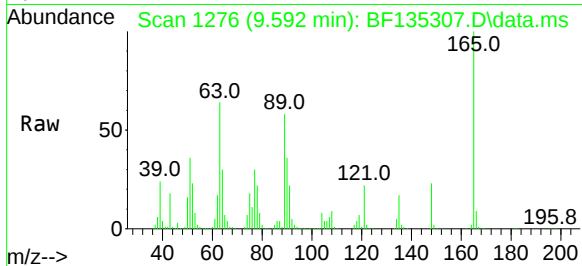
#51
2,6-Dinitrotoluene
Concen: 38.844 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

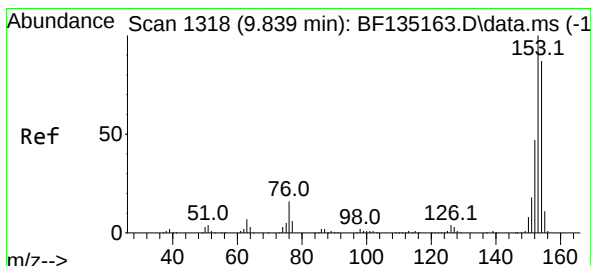
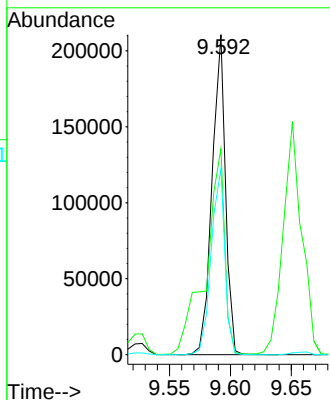
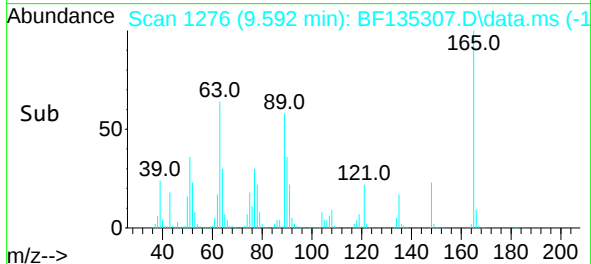


Tgt Ion:165 Resp: 161439
Ion Ratio Lower Upper
165 100
63 64.3 59.4 89.2
89 58.1 49.8 74.8

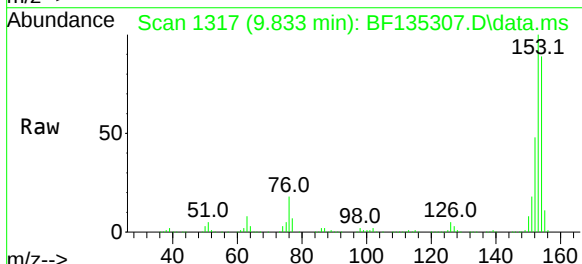
Manual Integrations

APPROVED

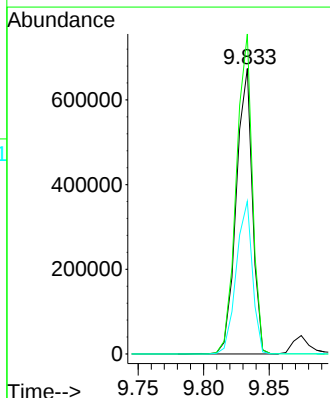
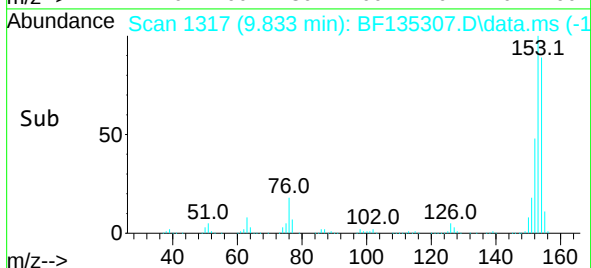
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

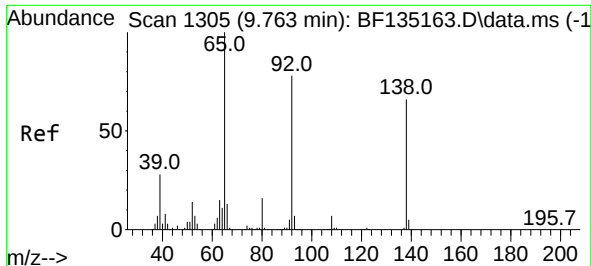


#52
Acenaphthene
Concen: 37.660 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:154 Resp: 578480
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 53.5 43.1 64.7





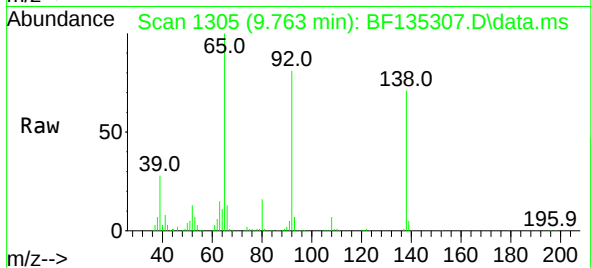
#53
3-Nitroaniline
Concen: 39.296 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

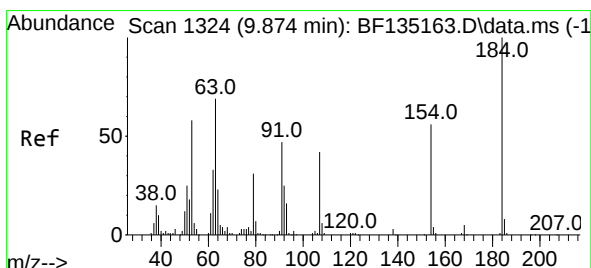
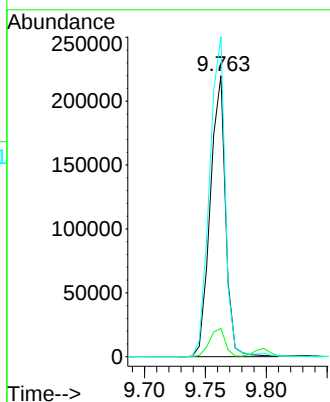
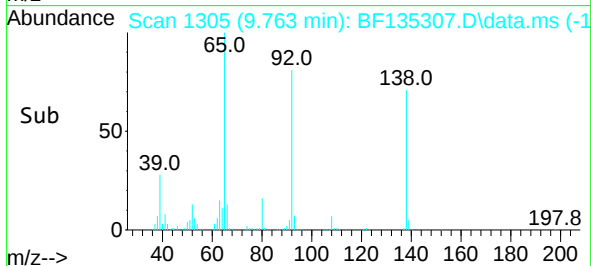


Tgt Ion:138 Resp: 19170
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 113.9 95.4 143.0

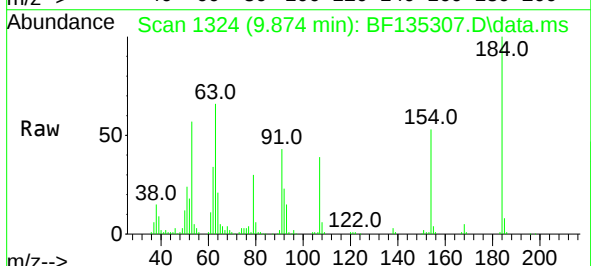
Manual Integrations

APPROVED

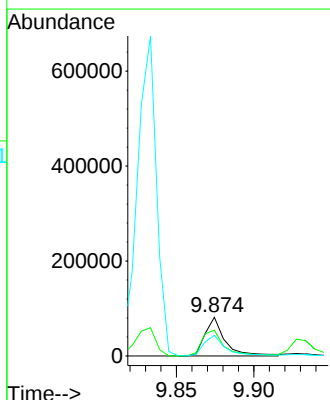
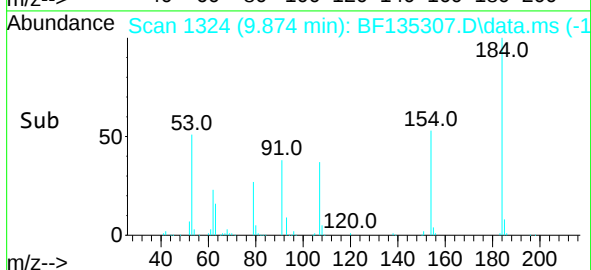
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

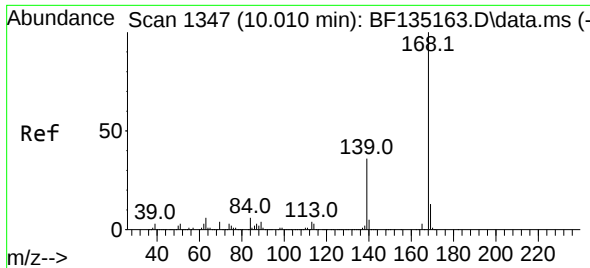


#54
2,4-Dinitrophenol
Concen: 34.873 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:184 Resp: 73259
Ion Ratio Lower Upper
184 100
63 66.4 55.1 82.7
154 53.1 48.4 72.6





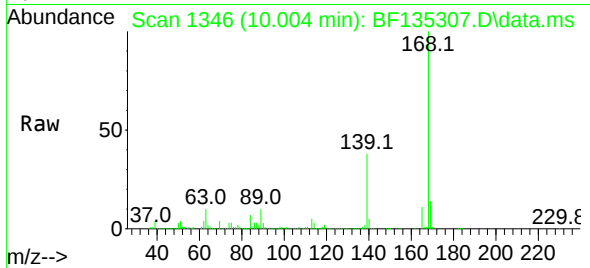
#55
Dibenzofuran
Concen: 36.312 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



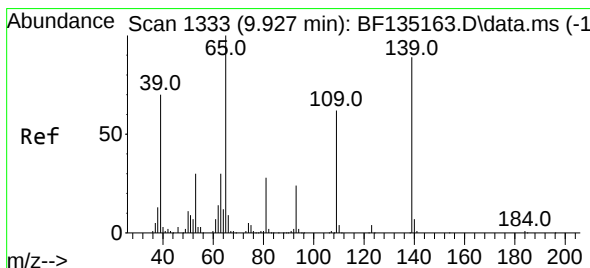
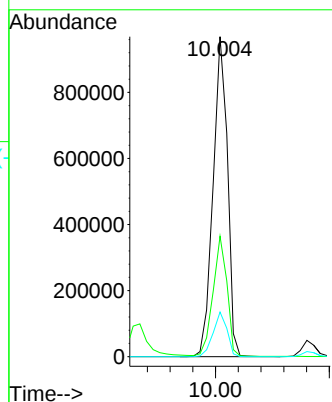
Tgt Ion:168 Resp: 851160
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.6
169 13.9 10.4 15.6

Manual Integrations

APPROVED

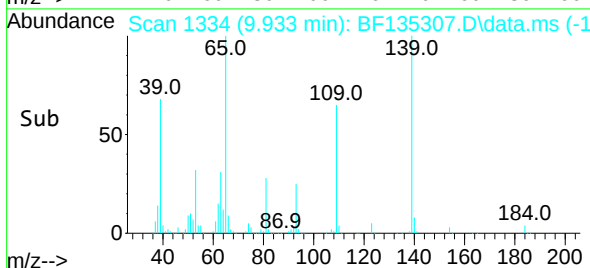
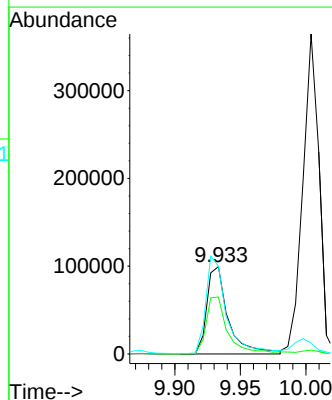
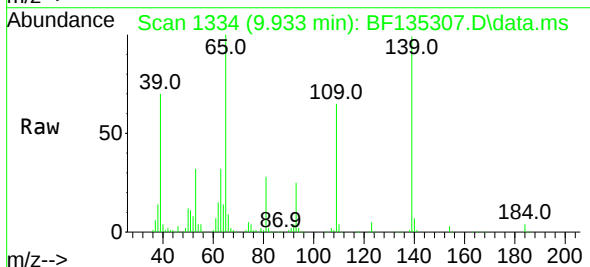
Reviewed By :Yogesh Patel 09/19/2023

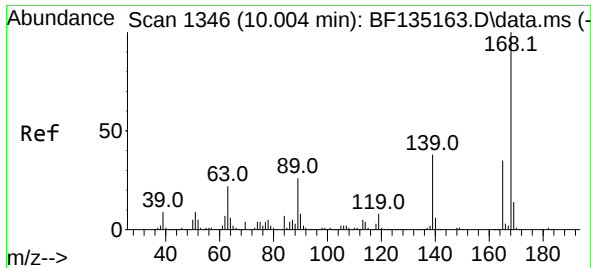
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 36.369 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:139 Resp: 112764
Ion Ratio Lower Upper
139 100
109 65.2 49.8 89.8
65 100.6 92.7 132.7





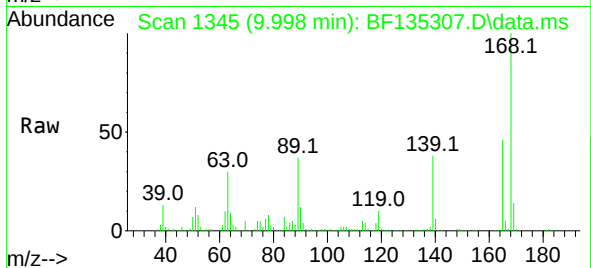
#57
2,4-Dinitrotoluene
Concen: 37.268 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

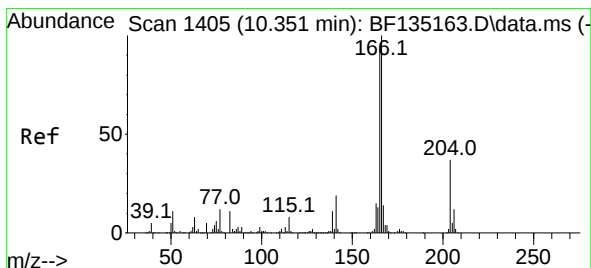
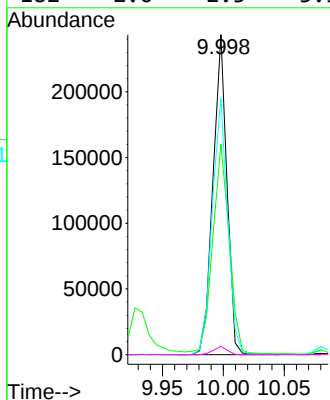
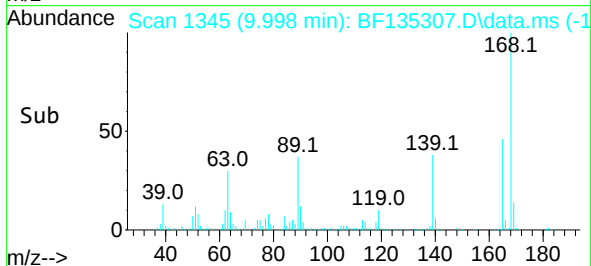


Tgt Ion:165 Resp: 193904
Ion Ratio Lower Upper
165 100
63 65.7 50.1 75.1
89 80.2 59.3 88.9
182 2.6 2.3 3.5

Manual Integrations

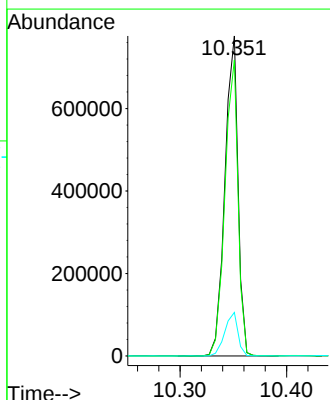
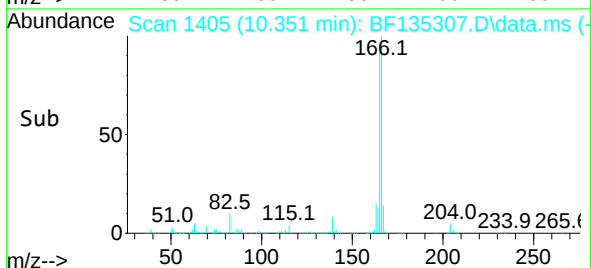
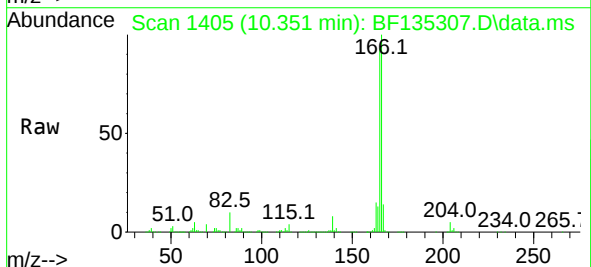
APPROVED

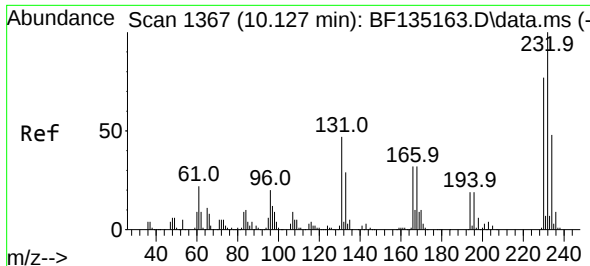
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 36.698 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

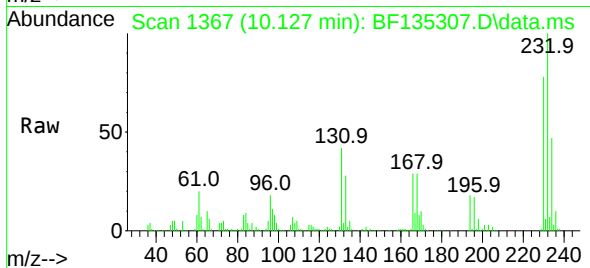
Tgt Ion:166 Resp: 661292
Ion Ratio Lower Upper
166 100
165 92.5 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.112 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

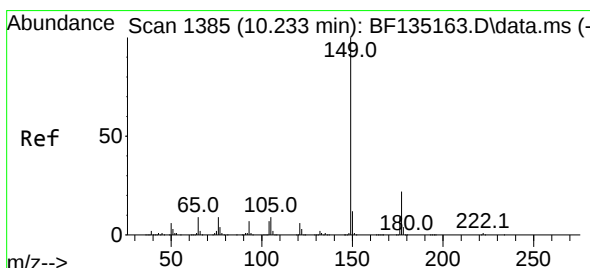
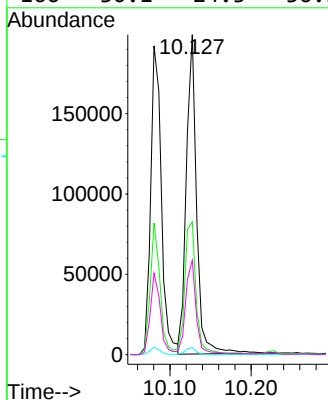
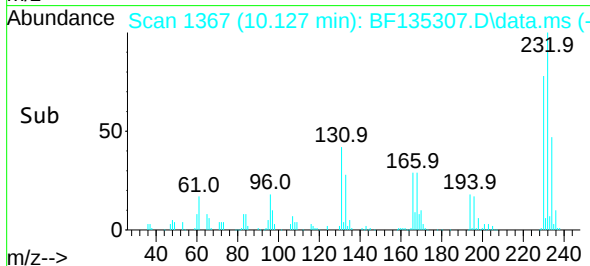
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 17498
Ion Ratio Lower Upper
232 100
131 45.5 35.4 53.2
130 2.4 1.8 2.8
166 30.1 24.3 36.5

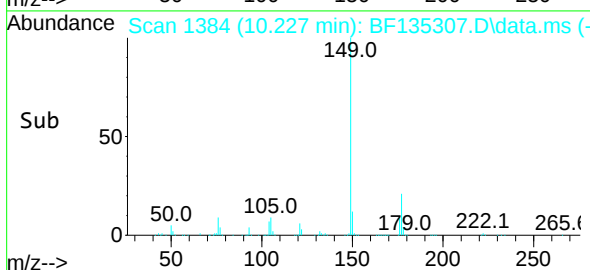
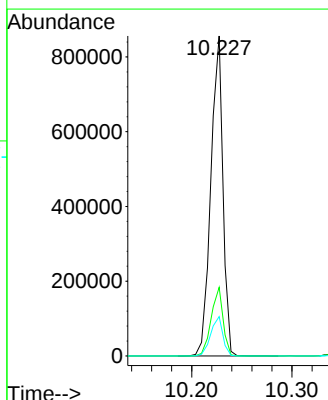
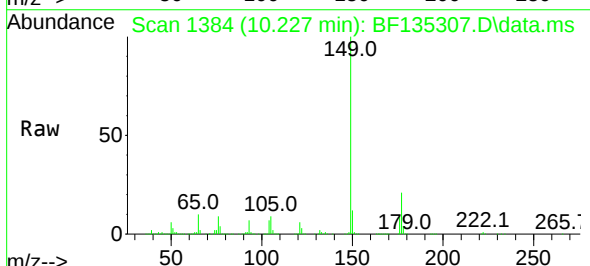
Manual Integrations
APPROVED

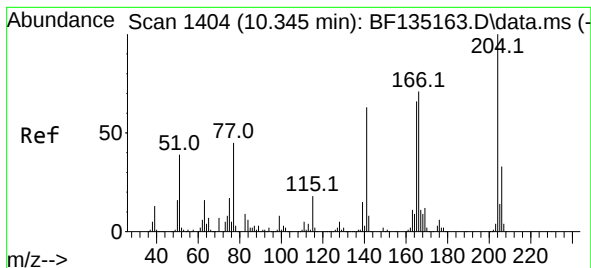
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#60
Diethylphthalate
Concen: 37.726 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

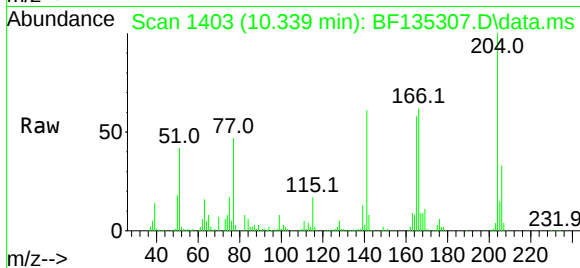
Tgt Ion:149 Resp: 718296
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 35.585 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

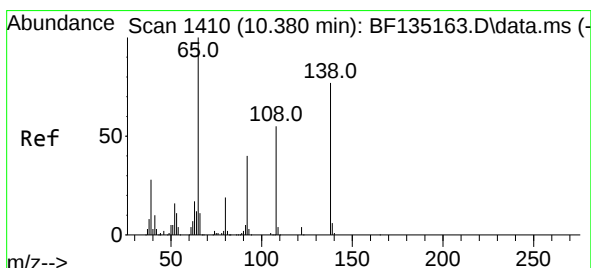
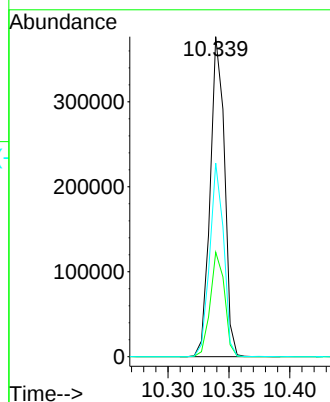
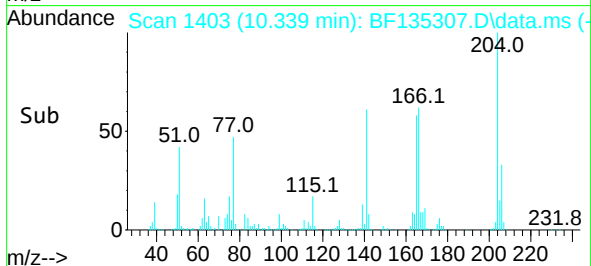
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 308030
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 60.5 50.6 75.8

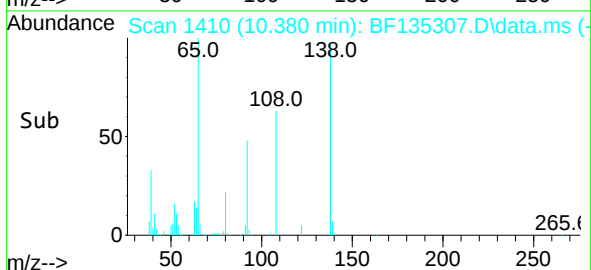
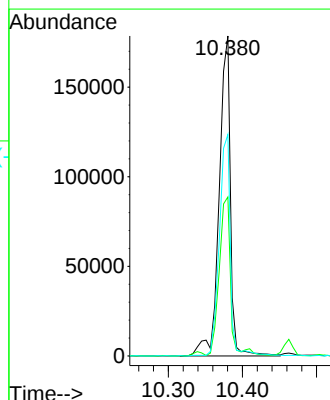
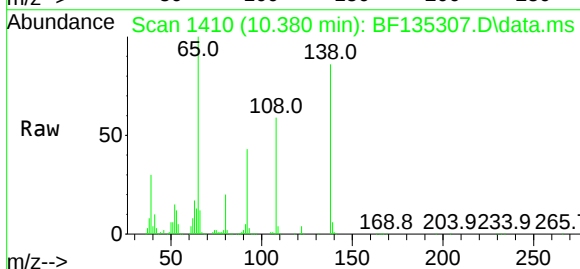
Manual Integrations
APPROVED

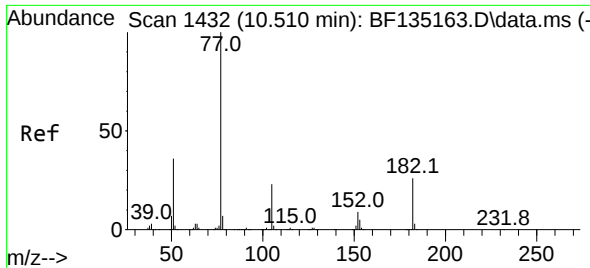
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 40.195 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

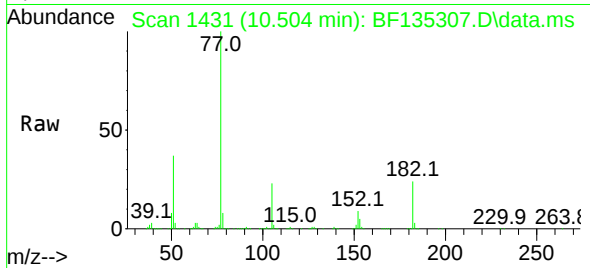
Tgt Ion:138 Resp: 188493
Ion Ratio Lower Upper
138 100
92 49.7 31.8 71.8
108 69.2 52.0 92.0





#63
Azobenzene
Concen: 39.205 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

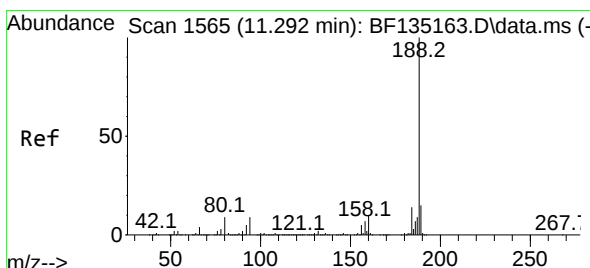
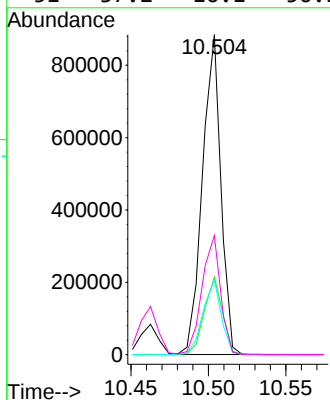
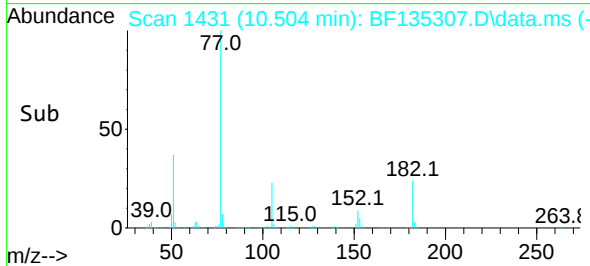
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



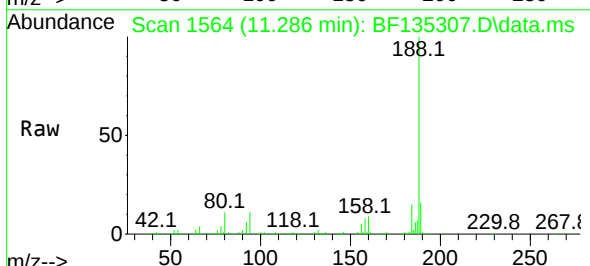
Tgt Ion: 77 Resp: 73054
Ion Ratio Lower Upper
77 100
182 24.3 6.4 46.4
105 23.3 3.1 43.1
51 37.2 16.1 56.1

Manual Integrations
APPROVED

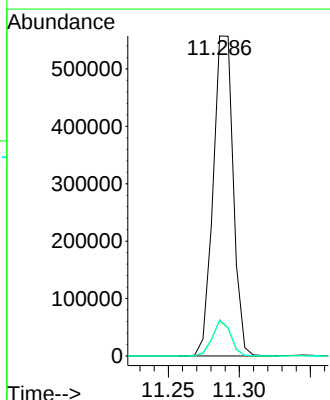
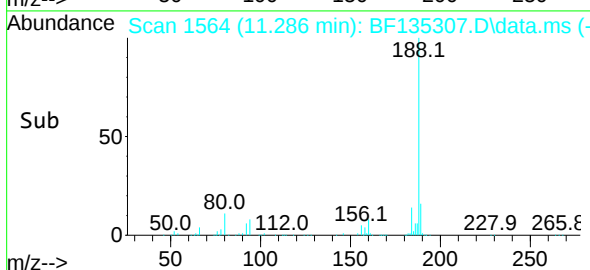
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

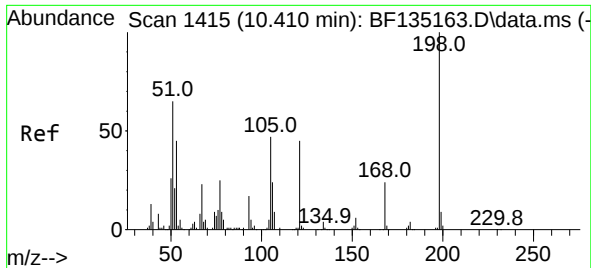


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



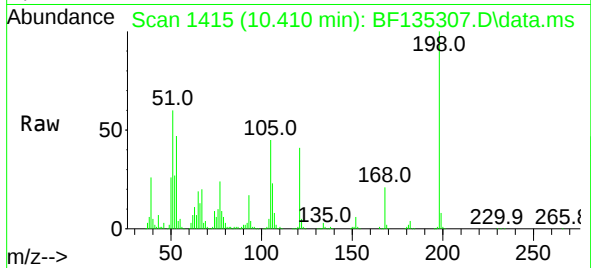
Tgt Ion:188 Resp: 546845
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.3 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 39.549 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

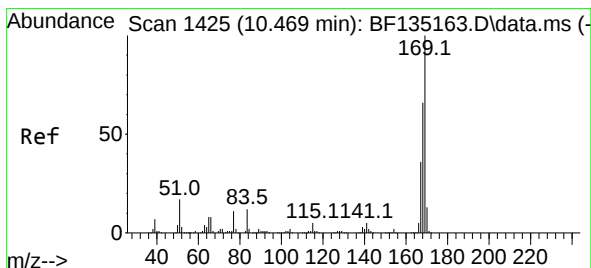
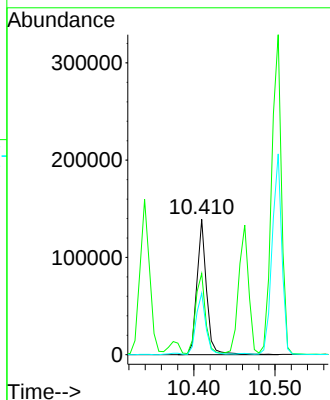
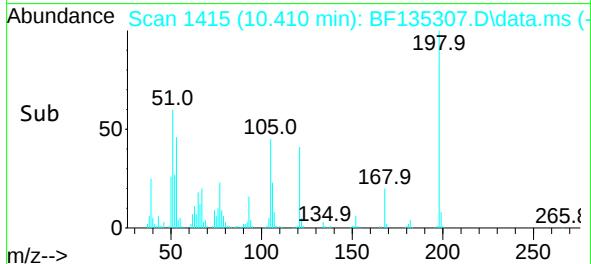
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



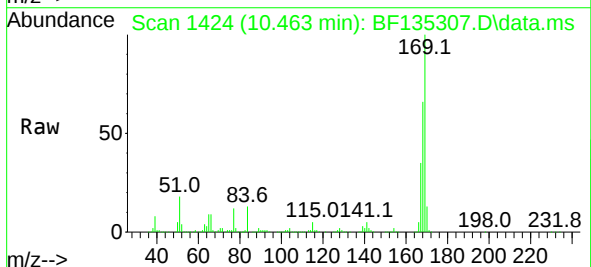
Tgt Ion:198 Resp: 114868
Ion Ratio Lower Upper
198 100
51 59.9 47.7 87.7
105 45.4 27.4 67.4

Manual Integrations
APPROVED

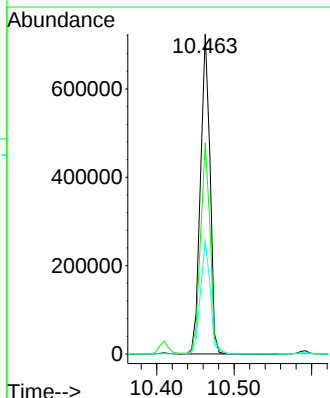
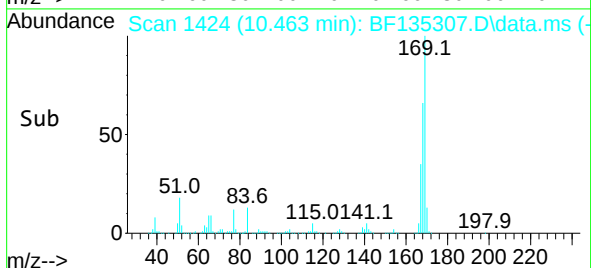
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

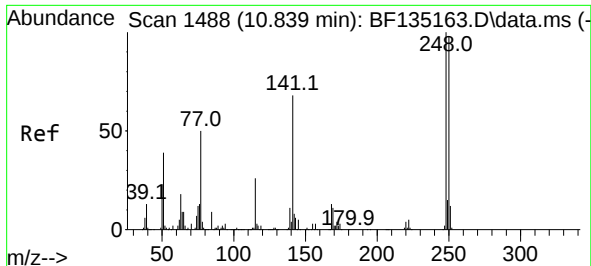


#66
n-Nitrosodiphenylamine
Concen: 37.314 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:169 Resp: 617749
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 35.3 29.0 43.6





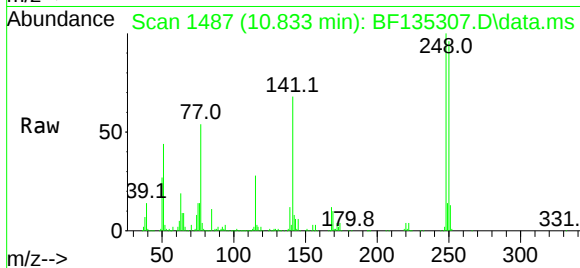
#67
4-Bromophenyl-phenylether
Concen: 37.331 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

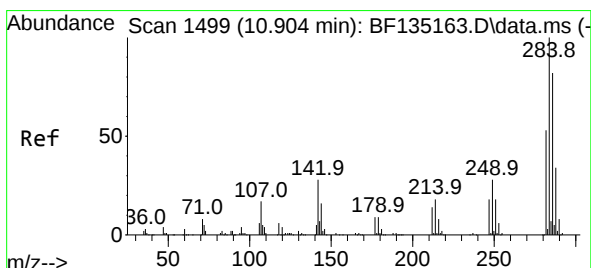
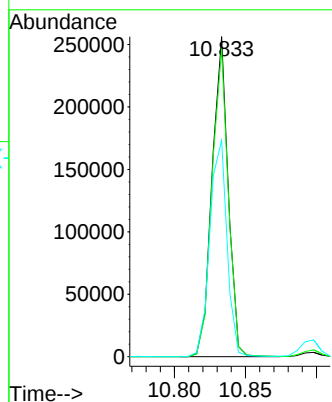
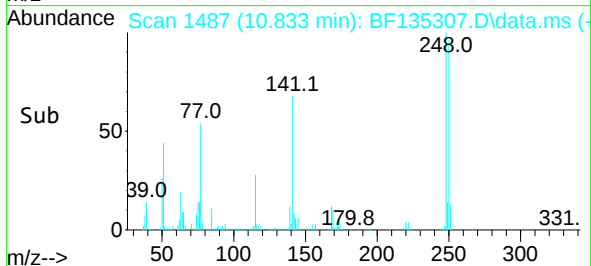


Tgt Ion:248 Resp: 20303
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 67.6 54.2 81.2

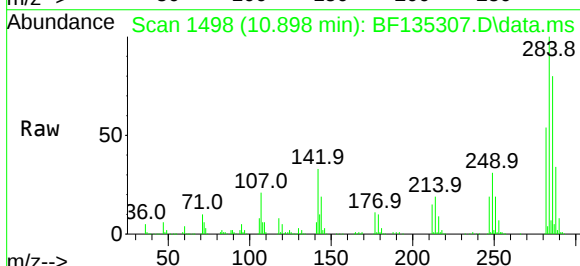
Manual Integrations

APPROVED

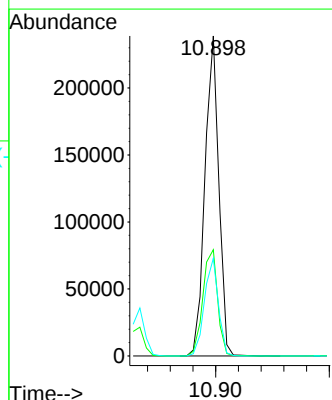
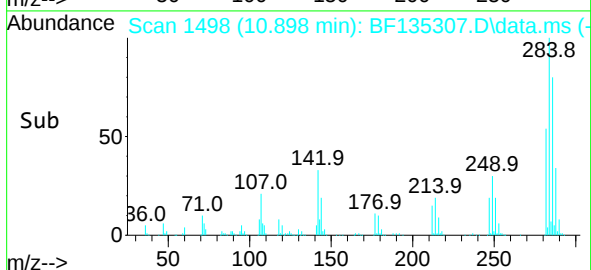
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

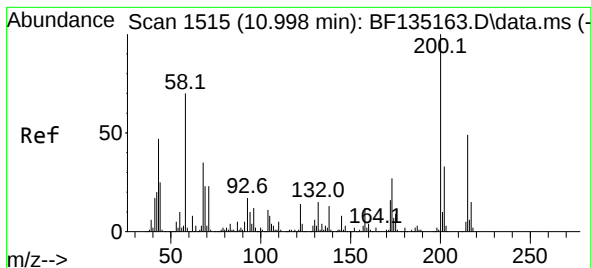


#68
Hexachlorobenzene
Concen: 36.391 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:284 Resp: 201636
Ion Ratio Lower Upper
284 100
142 33.2 22.2 33.4
249 30.5 22.5 33.7





#69

Atrazine

Concen: 35.871 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135307.D

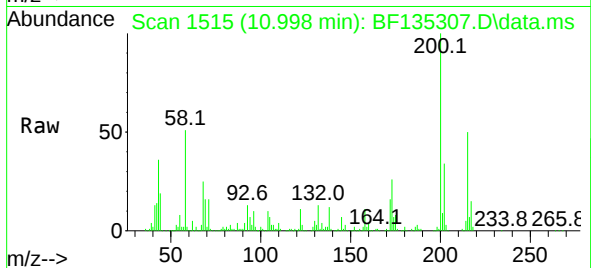
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



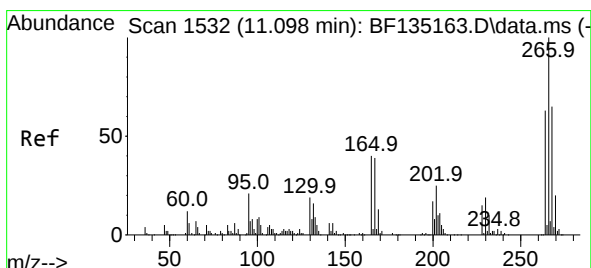
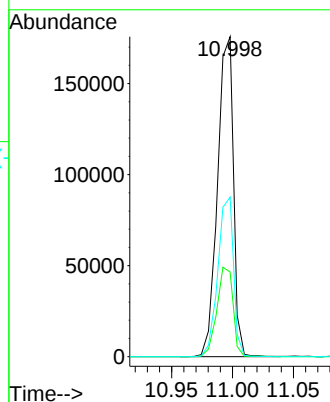
Tgt Ion:	200	Resp:	15979
Ion Ratio	Lower	Upper	
200	100		
173	26.4	7.4	47.4
215	49.8	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 31.927 ng

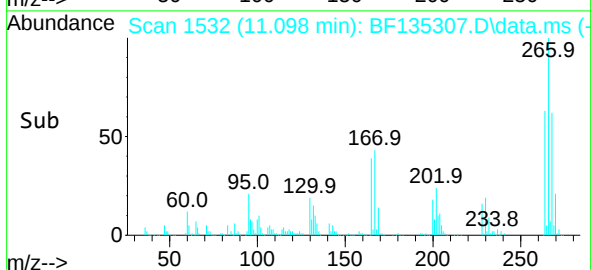
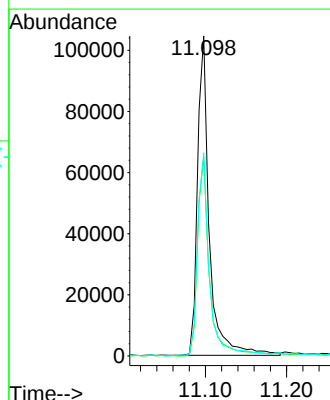
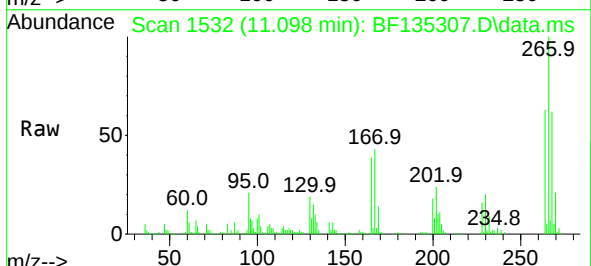
RT: 11.098 min Scan# 1532

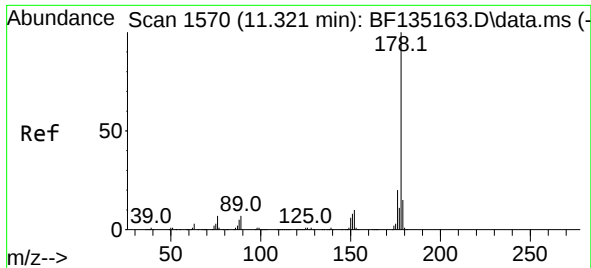
Delta R.T. 0.000 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Tgt Ion:	266	Resp:	105840
Ion Ratio	Lower	Upper	
266	100		
268	62.3	52.1	78.1
264	63.5	50.8	76.2





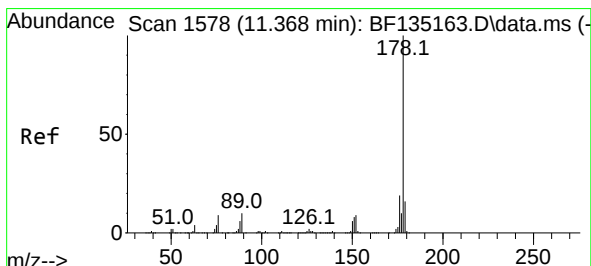
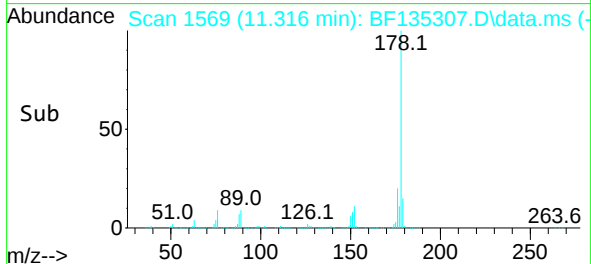
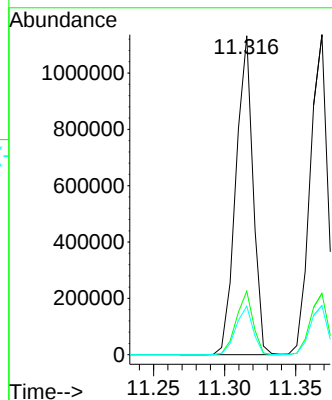
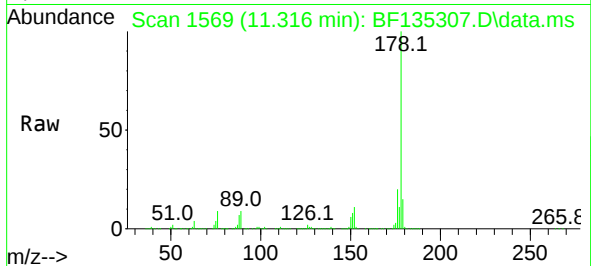
#71
Phenanthrene
Concen: 36.786 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 951402
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.2 12.0 18.0

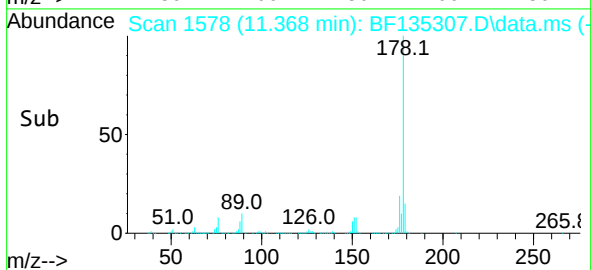
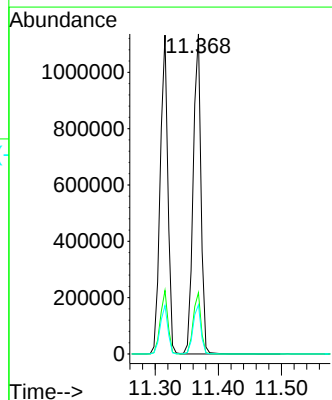
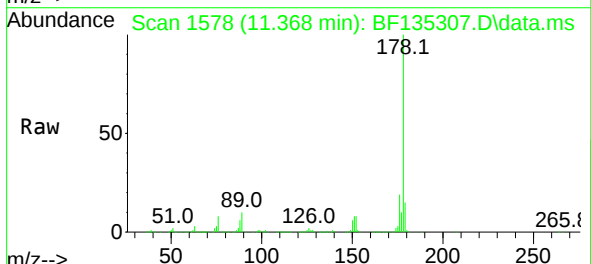
Manual Integrations
APPROVED

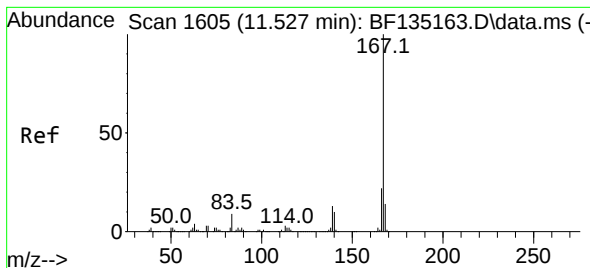
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 36.623 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:178 Resp: 973627
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.4 12.6 19.0





#73

Carbazole

Concen: 37.036 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135307.D

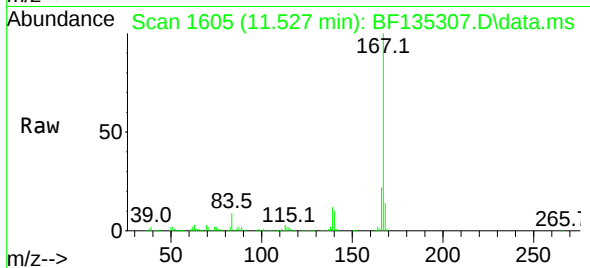
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 896309

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

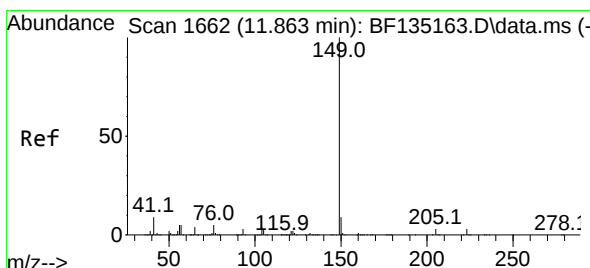
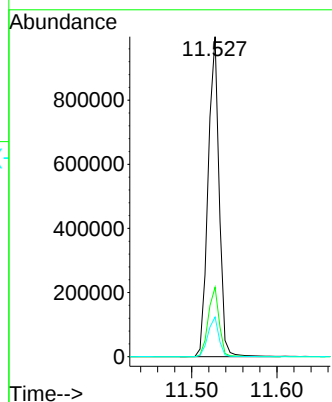
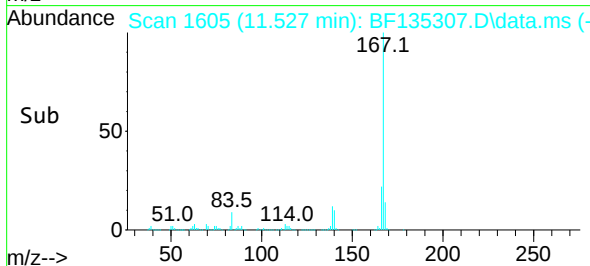
139 12.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#74

Di-n-butylphthalate

Concen: 38.064 ng

RT: 11.857 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

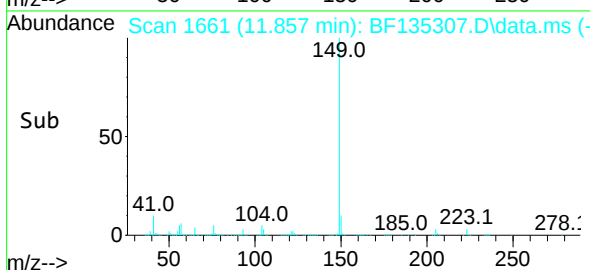
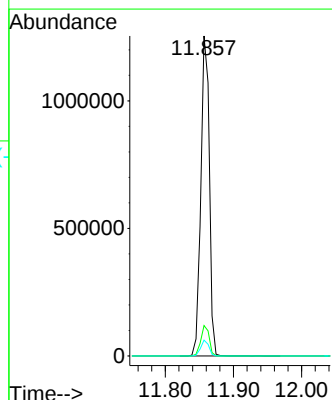
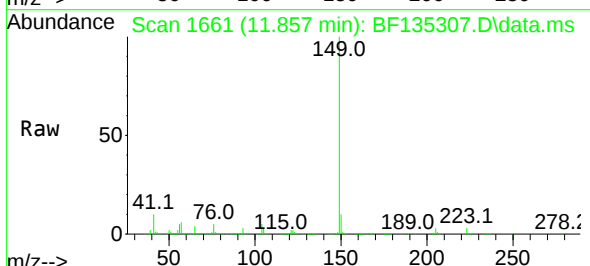
Tgt Ion:149 Resp: 1085471

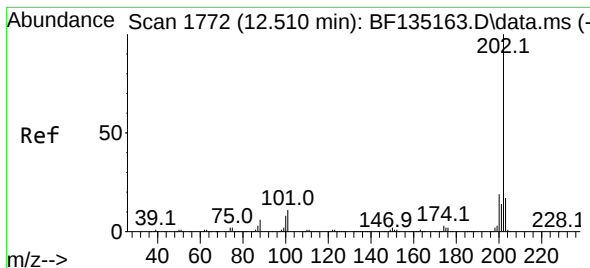
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 35.589 ng

RT: 12.510 min Scan# 1772

Delta R.T. 0.000 min

Lab File: BF135307.D

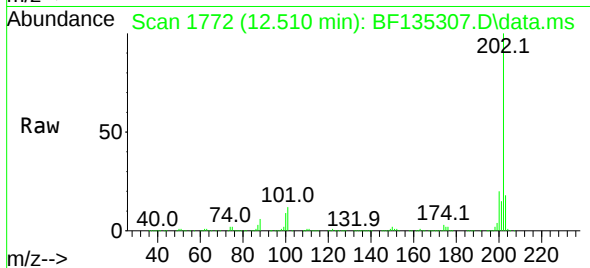
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



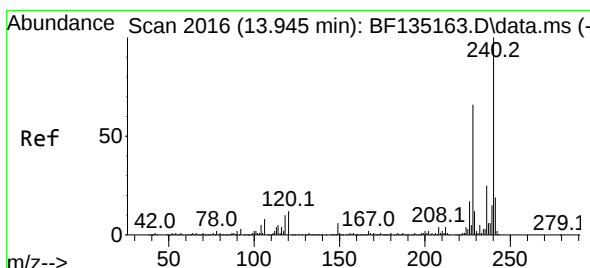
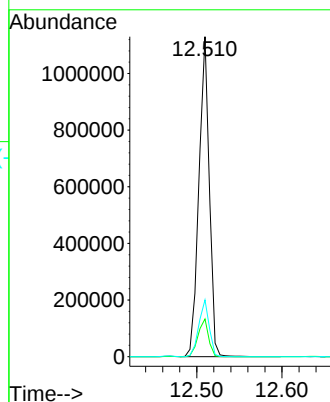
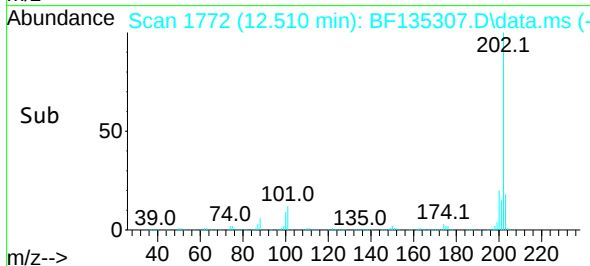
Tgt Ion:	202	Resp:	95909
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.3
203	17.8	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

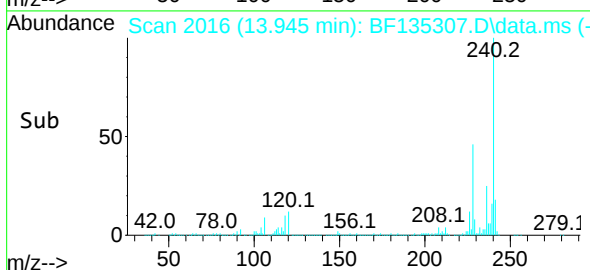
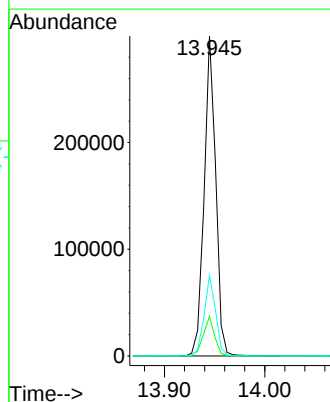
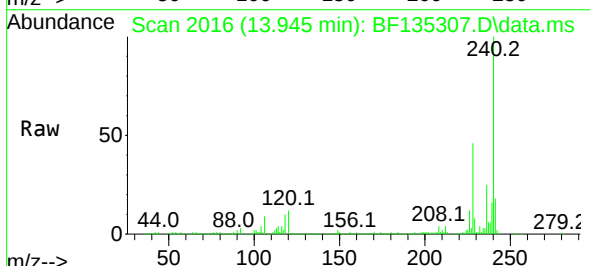
RT: 13.945 min Scan# 2016

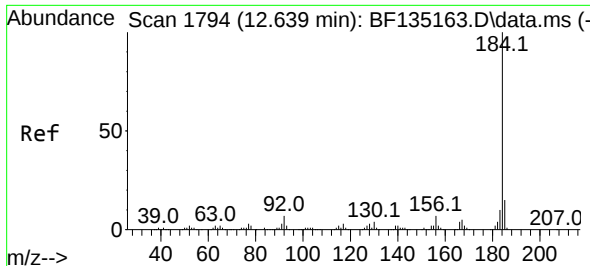
Delta R.T. 0.000 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

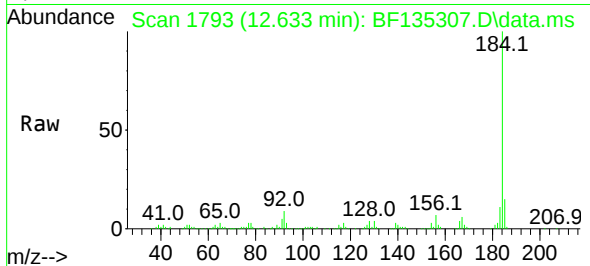
Tgt Ion:	240	Resp:	241356
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.4	14.2
236	25.3	19.8	29.8





#77
Benzidine
Concen: 39.825 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

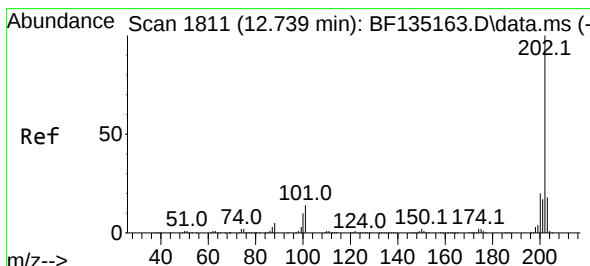
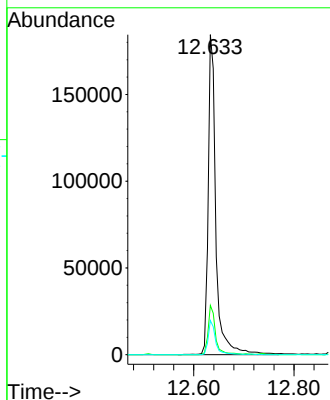
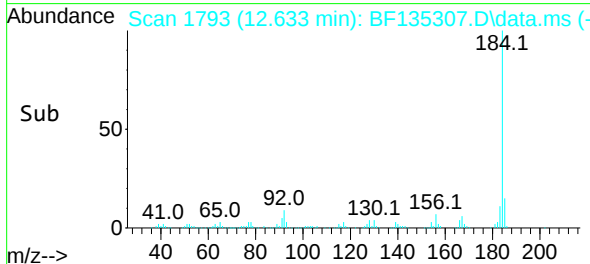
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 196920
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 10.7 8.2 12.4

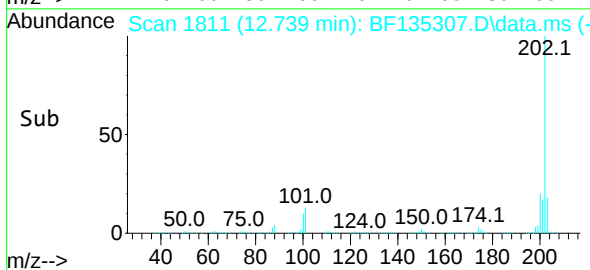
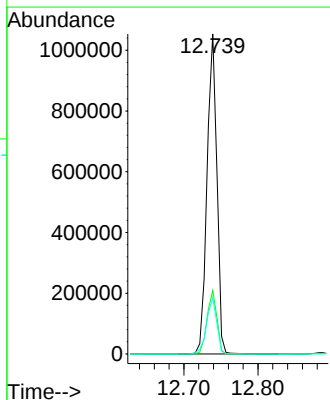
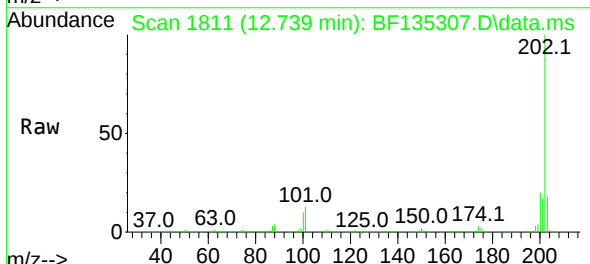
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#78
Pyrene
Concen: 42.093 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:202 Resp: 967244
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 78.774 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135307.D

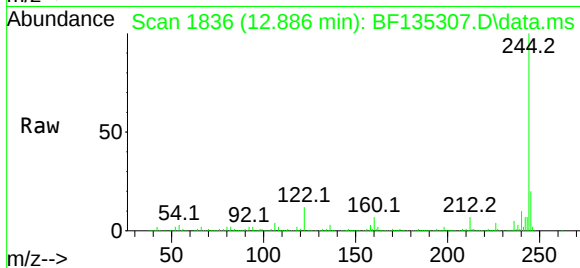
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 122646

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

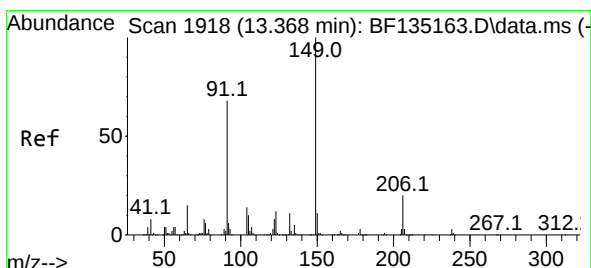
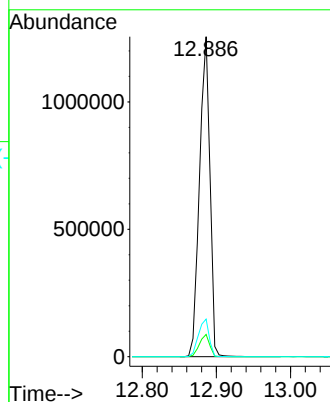
122 11.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#80

Butylbenzylphthalate

Concen: 44.215 ng

RT: 13.362 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

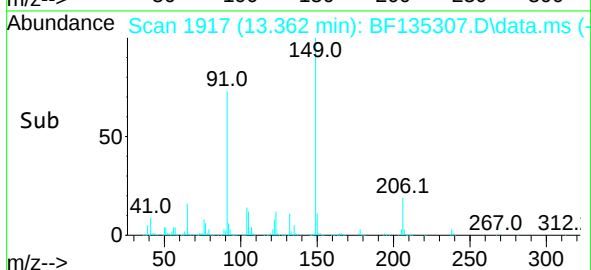
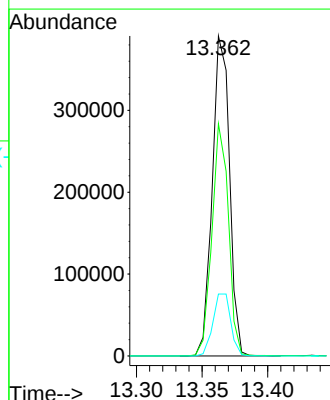
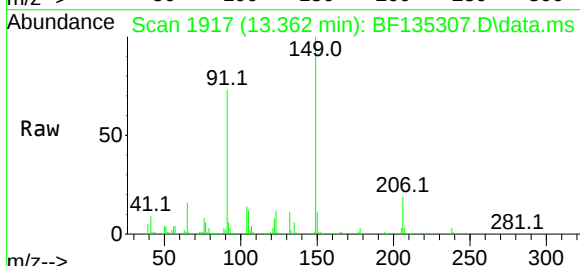
Tgt Ion:149 Resp: 357719

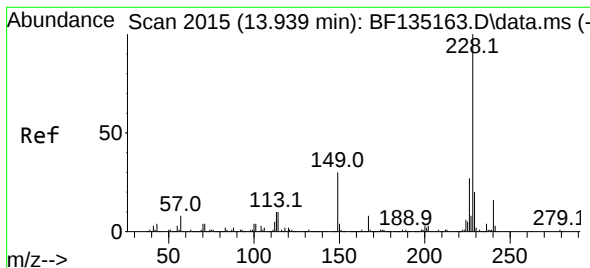
Ion Ratio Lower Upper

149 100

91 72.6 54.7 82.1

206 19.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 37.050 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135307.D

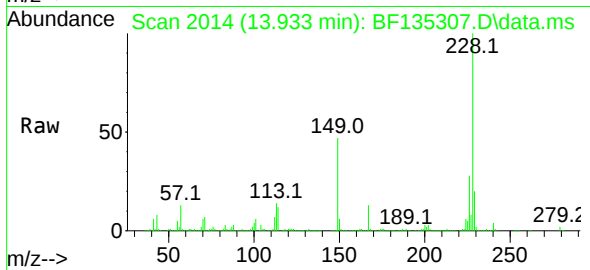
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 577432

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

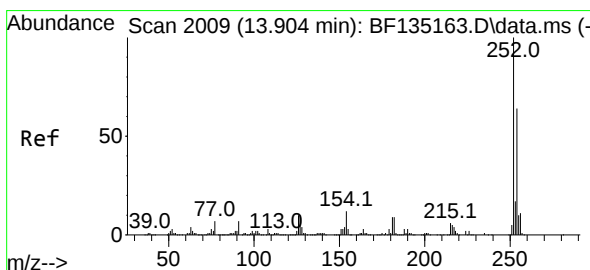
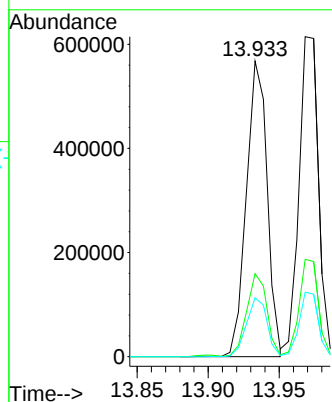
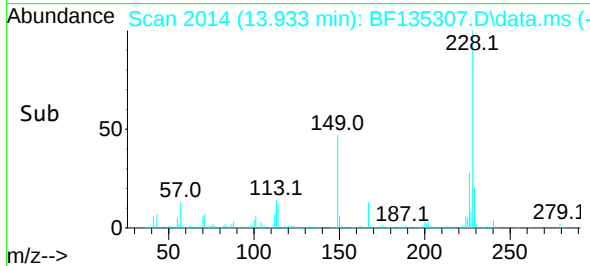
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.284 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

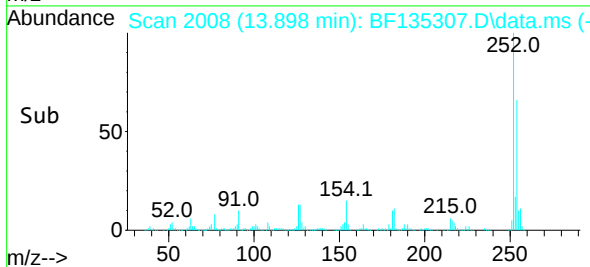
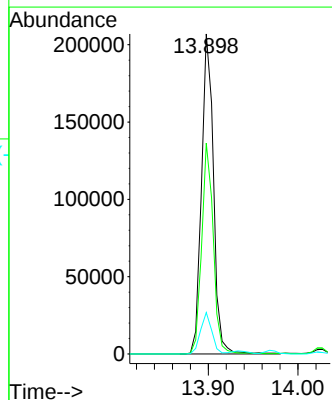
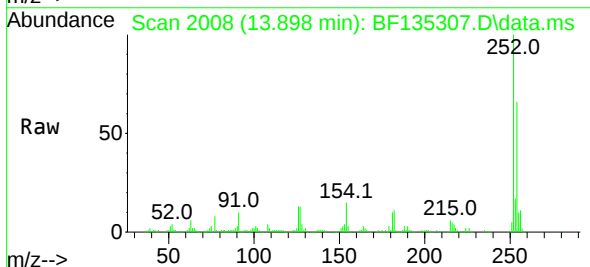
Tgt Ion:252 Resp: 191235

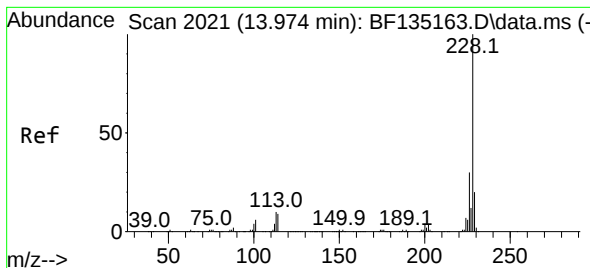
Ion Ratio Lower Upper

252 100

254 65.9 51.0 76.4

126 12.9 7.8 11.8#





#83

Chrysene

Concen: 37.910 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 587420

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

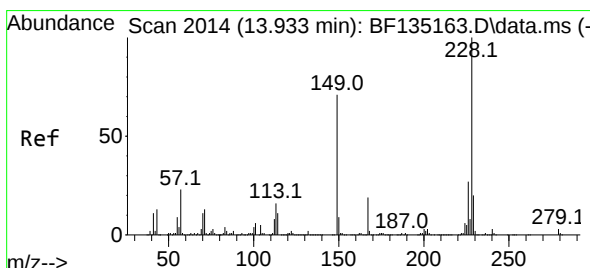
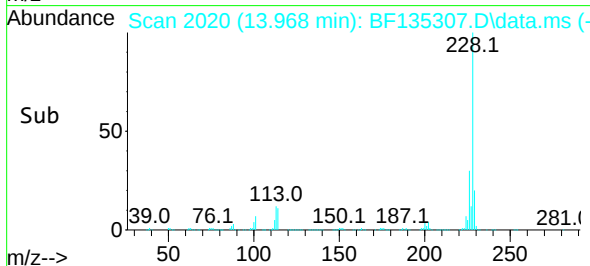
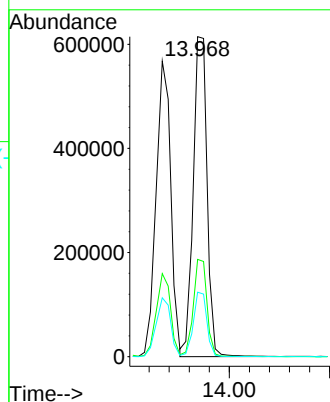
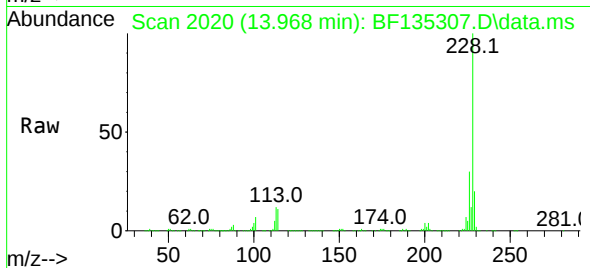
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.659 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

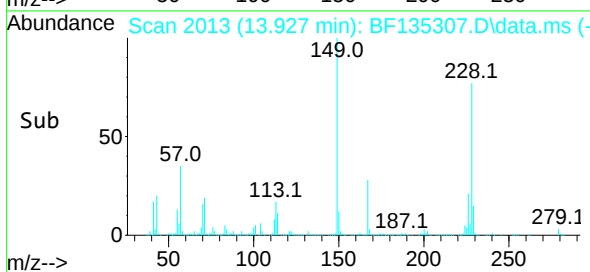
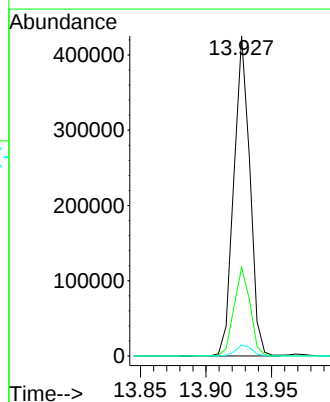
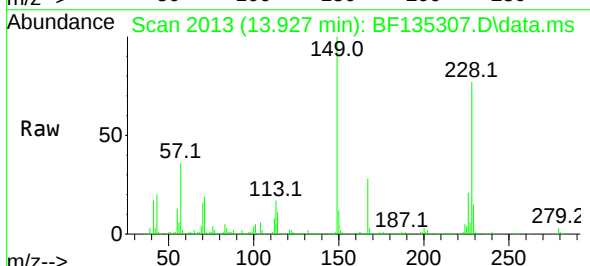
Tgt Ion:149 Resp: 362470

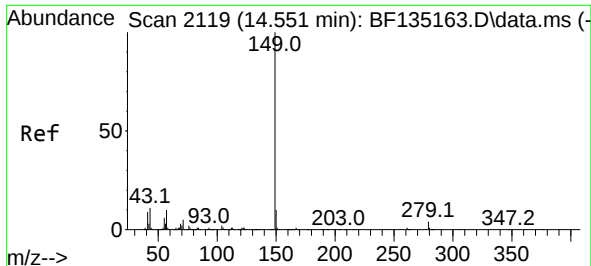
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

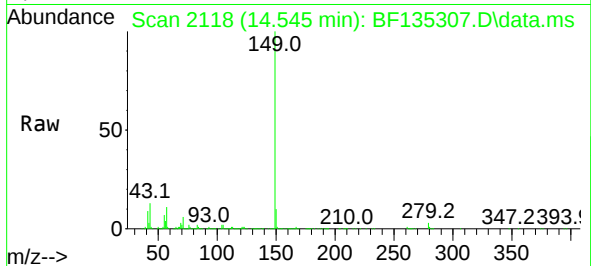
279 3.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 42.513 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

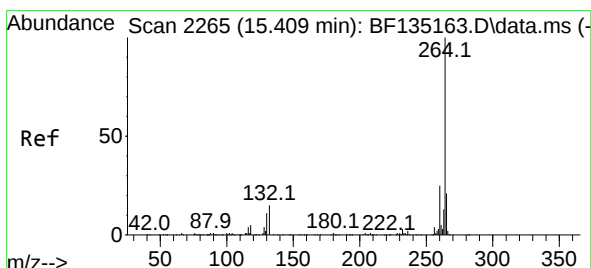
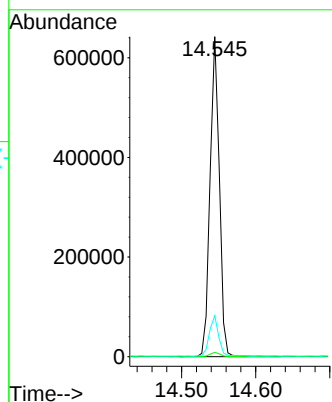
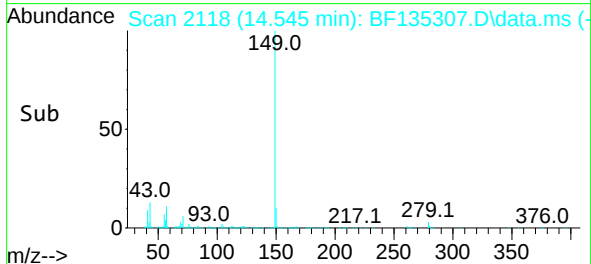
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 560912
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.8 9.8 14.6

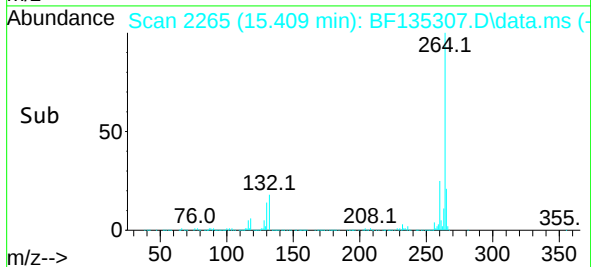
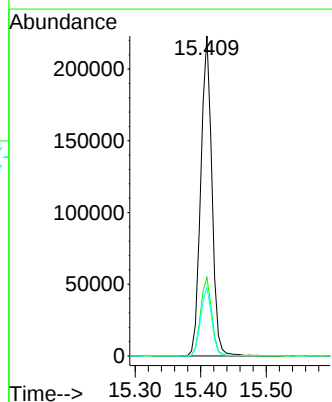
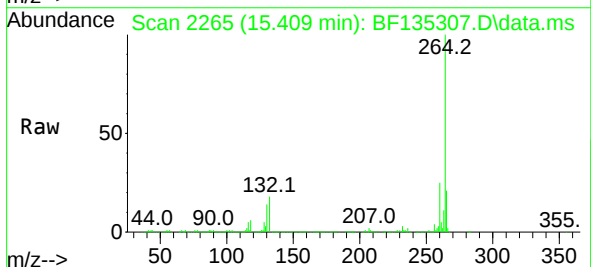
Manual Integrations
APPROVED

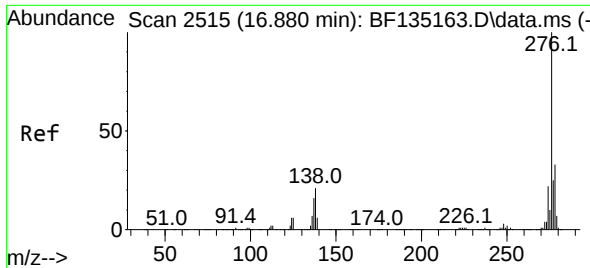
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Tgt Ion:264 Resp: 264031
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 21.4 17.0 25.4





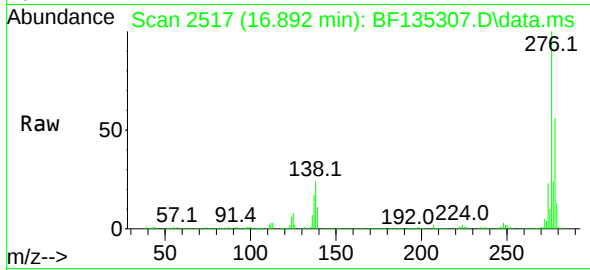
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.486 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

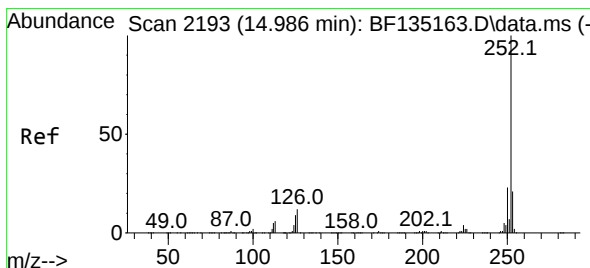
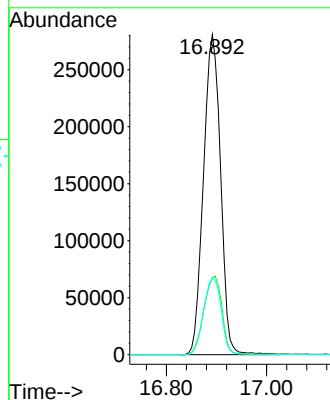
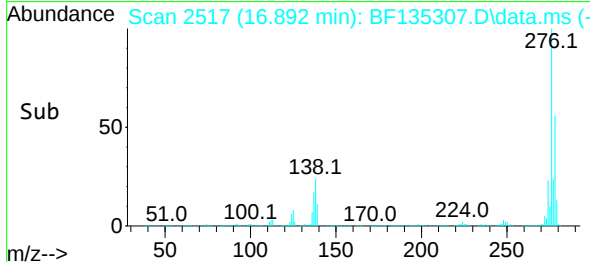


Tgt Ion:276 Resp: 666259
Ion Ratio Lower Upper
276 100
138 25.8 19.2 28.8
277 24.8 19.7 29.5

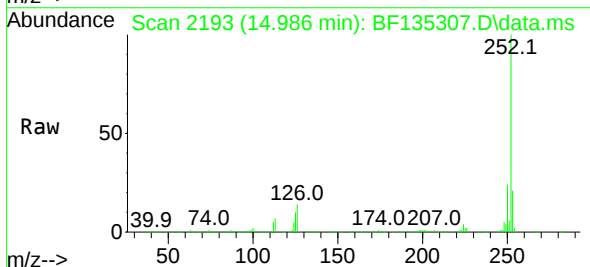
Manual Integrations

APPROVED

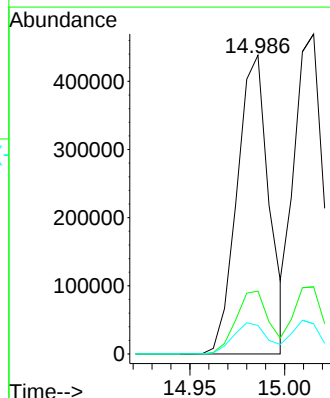
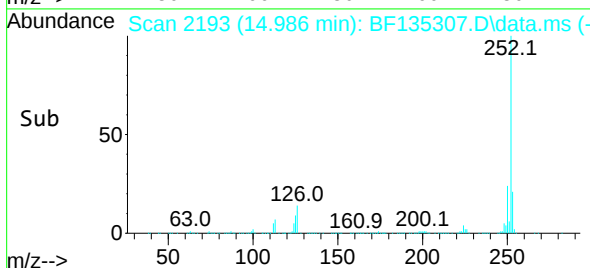
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

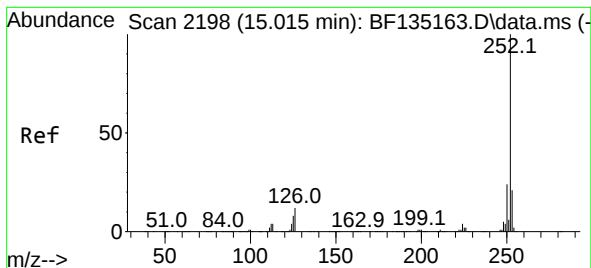


#88
Benzo(b)fluoranthene
Concen: 36.095 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion:252 Resp: 515898
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 9.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 35.567 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135307.D

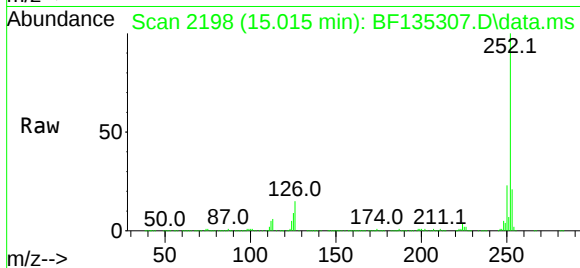
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:252 Resp: 502160

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

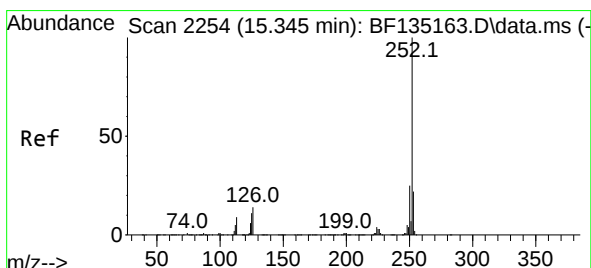
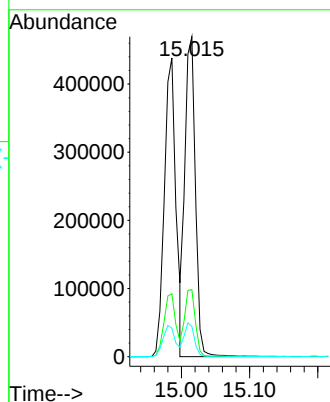
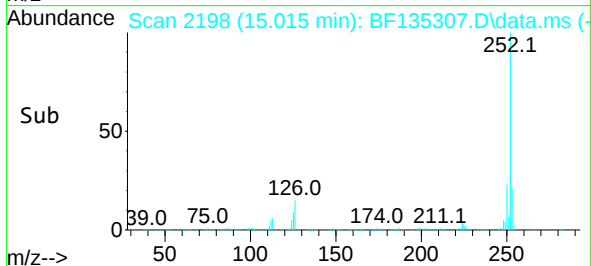
125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#90

Benzo(a)pyrene

Concen: 38.388 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135307.D

Acq: 18 Sep 2023 15:27

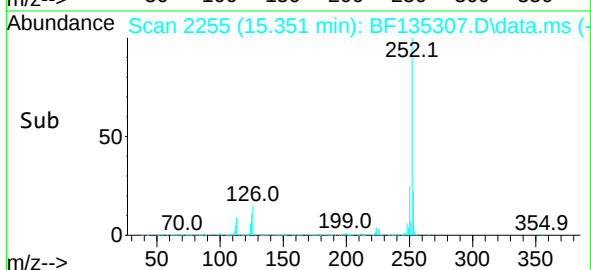
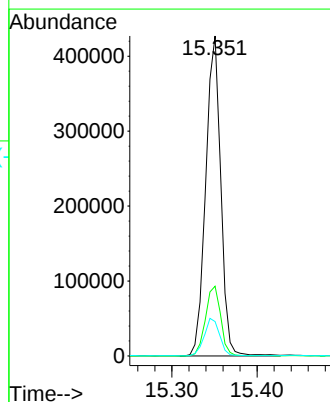
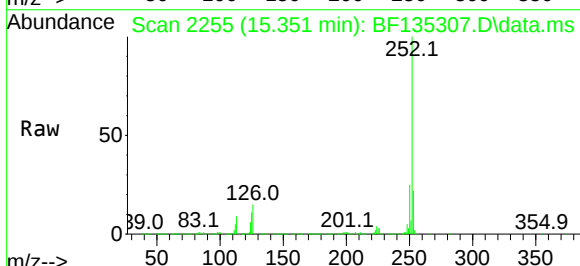
Tgt Ion:252 Resp: 523238

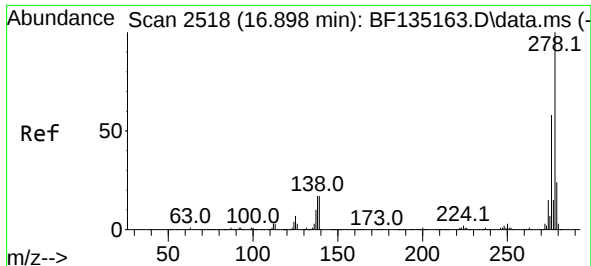
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.7 9.2 13.8





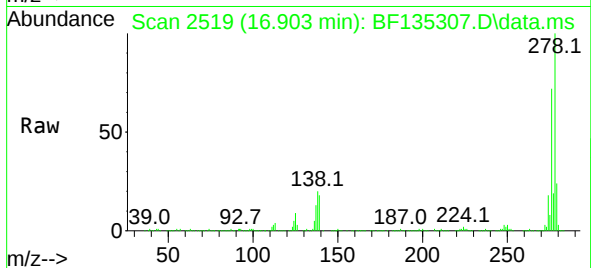
#91
Dibenzo(a,h)anthracene
Concen: 37.534 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

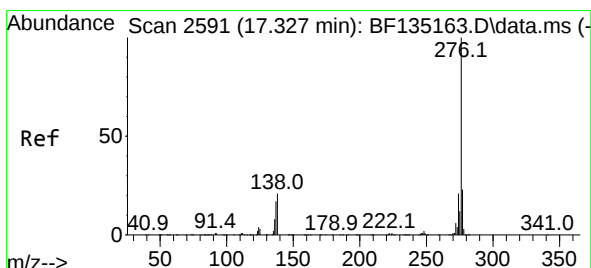
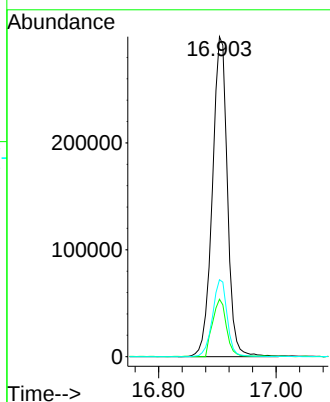
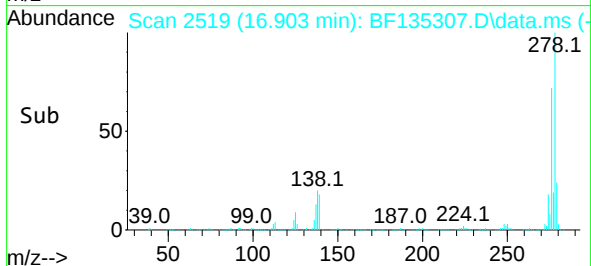


Tgt Ion: 278 Resp: 53165
Ion Ratio Lower Upper
278 100
139 18.0 13.4 20.0
279 24.1 19.0 28.6

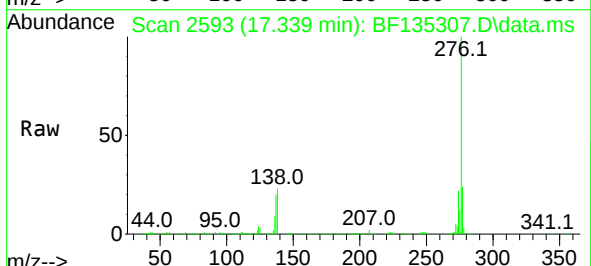
Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 09/19/2023
Supervised By : mohammad ahmed 09/19/2023



#92
Benzo(g,h,i)perylene
Concen: 37.519 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135307.D
Acq: 18 Sep 2023 15:27



Tgt Ion: 276 Resp: 555029
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 23.3 16.9 25.3

