

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135359.D
 Acq On : 20 Sep 2023 16:04
 Operator : CG\JU
 Sample : 04351-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02MS

Quant Time: Sep 20 16:52:10 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	147246	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	551788	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	248430	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	403473	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	240908	20.000	ng	0.00
86) Perylene-d12	15.410	264	306222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	545679	60.274	ng	0.01
7) Phenol-d6	6.404	99	756538	65.719	ng	0.00
23) Nitrobenzene-d5	7.322	82	475333	46.802	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	97534	39.507	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	807709	49.052	ng	-0.01
79) Terphenyl-d14	12.880	244	581447	37.415	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	170361	42.926	ng	97
3) Pyridine	3.305	79	432601	40.500	ng	99
4) n-Nitrosodimethylamine	3.275	42	270777	47.771	ng	97
6) Aniline	6.428	93	435769	28.867	ng	# 88
8) 2-Chlorophenol	6.545	128	441311	45.664	ng	99
9) Benzaldehyde	6.316	77	175251	26.723	ng	96
10) Phenol	6.422	94	519722	41.172	ng	86
11) bis(2-Chloroethyl)ether	6.498	93	429797	45.391	ng	99
12) 1,3-Dichlorobenzene	6.698	146	440011	44.799	ng	98
13) 1,4-Dichlorobenzene	6.775	146	442566	44.289	ng	99
14) 1,2-Dichlorobenzene	6.928	146	417210	44.959	ng	98
15) Benzyl Alcohol	6.910	79	352883	42.718	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	811575	45.472	ng	96
17) 2-Methylphenol	7.022	107	344934	40.445	ng	97
18) Hexachloroethane	7.263	117	164632	44.589	ng	91
19) n-Nitroso-di-n-propyla...	7.181	70	275351	38.617	ng	96
20) 3+4-Methylphenols	7.175	107	385784	37.619	ng	93
22) Acetophenone	7.169	105	535223	42.427	ng	# 96
24) Nitrobenzene	7.345	77	455242	45.350	ng	100
25) Isophorone	7.587	82	822751	44.116	ng	99
26) 2-Nitrophenol	7.657	139	226607	47.034	ng	99
27) 2,4-Dimethylphenol	7.704	122	333875	41.227	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	510936	45.773	ng	100
29) 2,4-Dichlorophenol	7.904	162	335177	44.666	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	355908	45.376	ng	98
31) Naphthalene	8.063	128	1145498	42.727	ng	99
32) Benzoic acid	7.840	122	237010	38.866	ng	97
33) 4-Chloroaniline	8.116	127	274279	23.318	ng	97
34) Hexachlorobutadiene	8.175	225	204946	43.334	ng	99
35) Caprolactam	8.498	113	117117m	46.503	ng	
36) 4-Chloro-3-methylphenol	8.610	107	364025	43.647	ng	96
37) 2-Methylnaphthalene	8.751	142	715025	39.676	ng	100
38) 1-Methylnaphthalene	8.851	142	683907	40.534	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	336266	46.722	ng	99
41) Hexachlorocyclopentadiene	8.898	237	132725	45.373	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	221407	46.985	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	240215	44.265	ng	97
46) 1,1'-Biphenyl	9.222	154	879106	46.047	ng	98
47) 2-Chloronaphthalene	9.245	162	665614	48.052	ng	100
48) 2-Nitroaniline	9.345	65	251569	46.748	ng	96
49) Acenaphthylene	9.657	152	1052033	45.699	ng	100
50) Dimethylphthalate	9.528	163	796269	47.407	ng	100
51) 2,6-Dinitrotoluene	9.592	165	168541	45.805	ng	95
52) Acenaphthene	9.834	154	603144	44.350	ng	98
53) 3-Nitroaniline	9.763	138	147769	34.212	ng	92
54) 2,4-Dinitrophenol	9.875	184	81858	42.375	ng	94
55) Dibenzofuran	10.004	168	862162	41.545	ng	97
56) 4-Nitrophenol	9.939	139	221723	80.772	ng	97
57) 2,4-Dinitrotoluene	9.998	165	190728	41.405	ng	85
58) Fluorene	10.351	166	668326	41.891	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	176400	42.257	ng	99
60) Diethylphthalate	10.228	149	759870	45.078	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	312882	40.826	ng	100
62) 4-Nitroaniline	10.381	138	163052	39.273	ng	96
63) Azobenzene	10.504	77	741349	44.937	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	66441	31.004	ng	95
66) n-Nitrosodiphenylamine	10.463	169	621302	50.864	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	196211	48.896	ng	99
68) Hexachlorobenzene	10.898	284	198997	48.676	ng	95
69) Atrazine	10.998	200	186767	56.825	ng	98
70) Pentachlorophenol	11.098	266	174212	71.225	ng	99
71) Phenanthrene	11.316	178	879311	46.079	ng	100
72) Anthracene	11.369	178	880954	44.913	ng	100
73) Carbazole	11.528	167	807487	45.223	ng	99
74) Di-n-butylphthalate	11.857	149	1061471	50.449	ng	99
75) Fluoranthene	12.510	202	820825	41.281	ng	100
77) Benzidine	12.633	184	428323	86.785	ng	99
78) Pyrene	12.739	202	836697	36.479	ng	99
80) Butylbenzylphthalate	13.363	149	347948	43.087	ng	95
81) Benzo(a)anthracene	13.933	228	718941	46.216	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	263242	54.176	ng	# 97
83) Chrysene	13.974	228	717561	46.395	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451698	54.508	ng	99
85) Di-n-octyl phthalate	14.545	149	875576	66.486	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	712579	35.491	ng	96
88) Benzo(b)fluoranthene	14.986	252	847476	51.124	ng	98
89) Benzo(k)fluoranthene	15.016	252	669076	40.860	ng	98
90) Benzo(a)pyrene	15.351	252	694983	43.963	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	587814	35.781	ng	100
92) Benzo(g,h,i)perylene	17.345	276	537925	31.353	ng	97

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

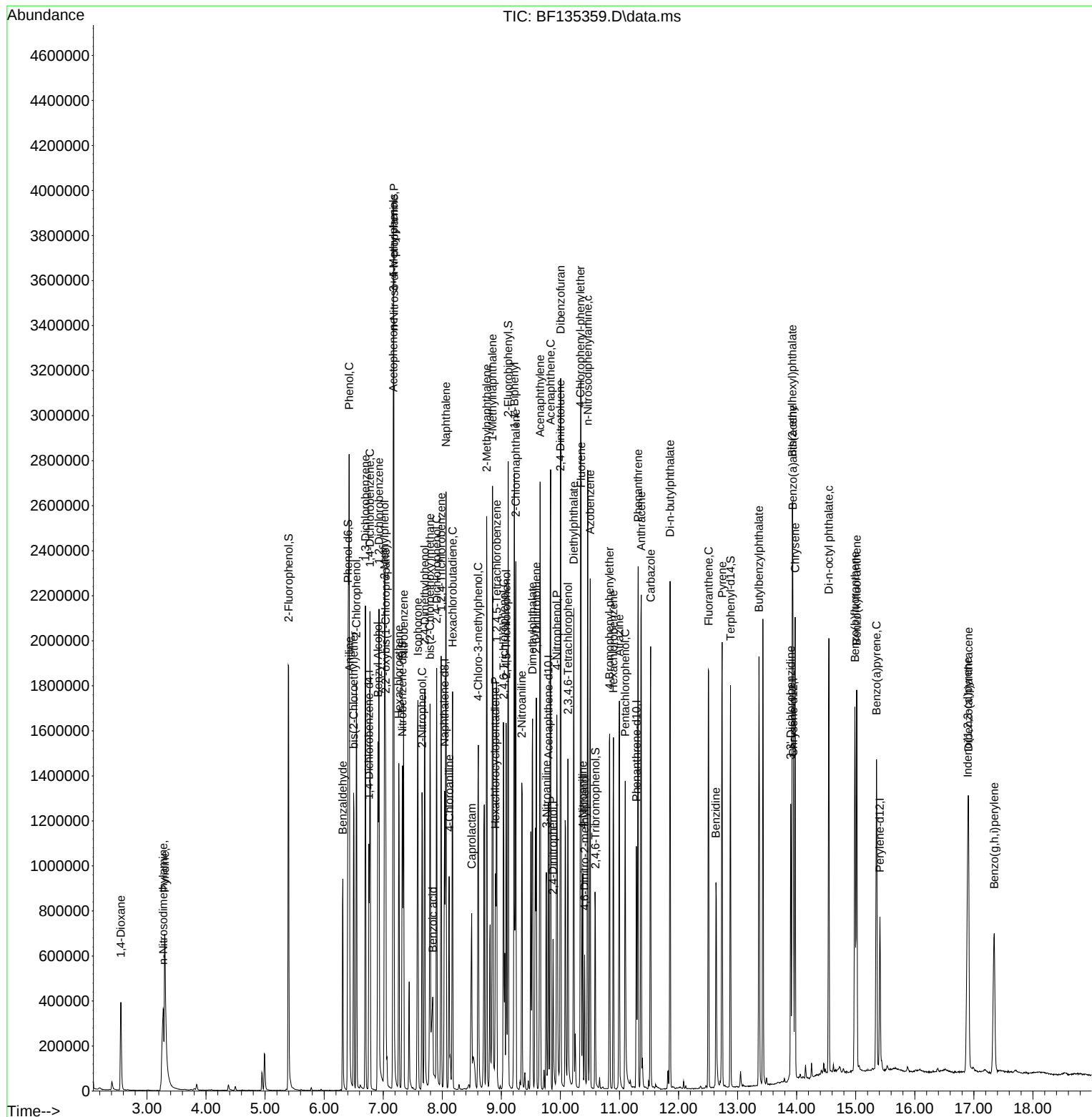
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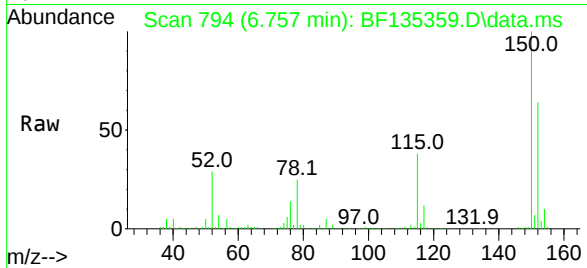
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

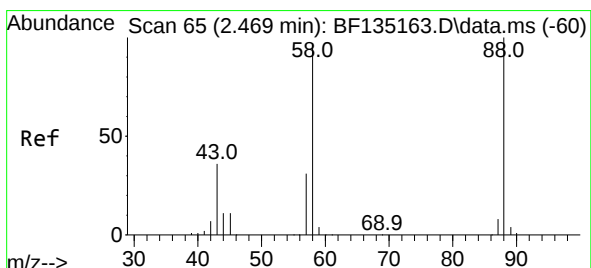
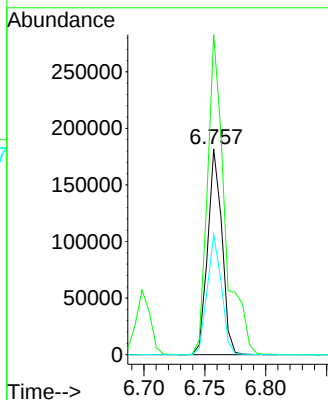
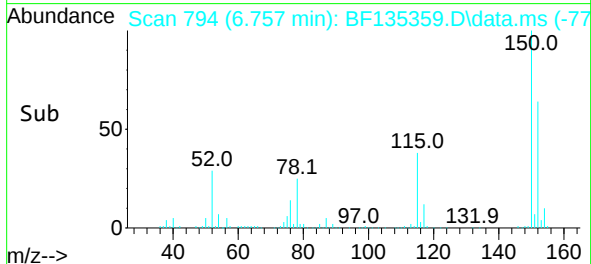
Instrument :
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ClientSampleId :
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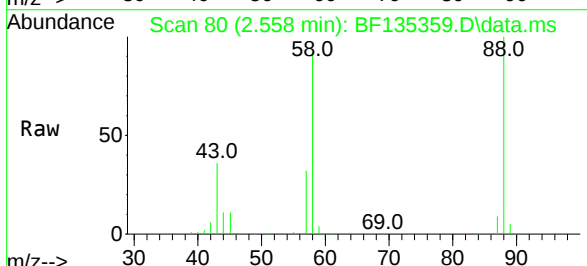
Tgt Ion:152 Resp: 147240
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 58.5 49.8 74.8

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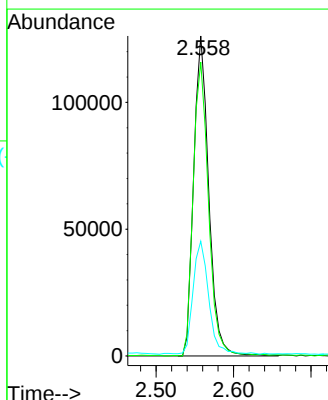
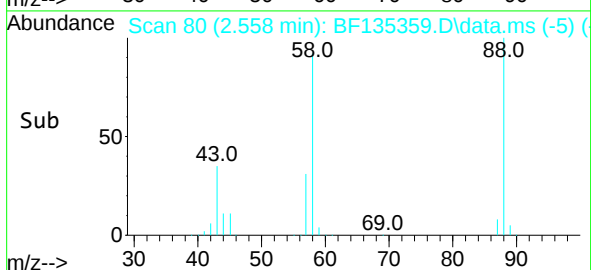
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

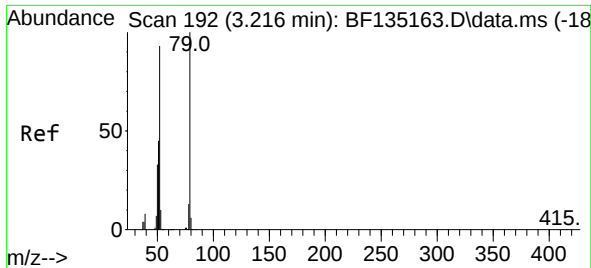


#2
1,4-Dioxane
Concen: 42.926 ng
RT: 2.558 min Scan# 80
Delta R.T. 0.088 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



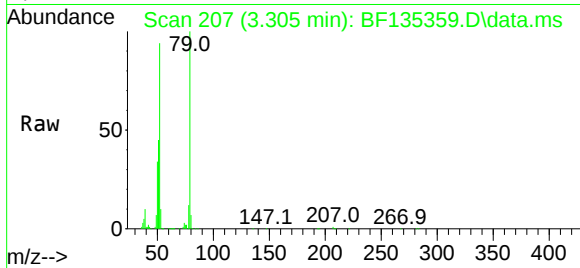
Tgt Ion: 88 Resp: 170361
Ion Ratio Lower Upper
88 100
58 93.4 78.3 117.5
43 36.5 29.4 44.0





#3
Pyridine
Concen: 40.500 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

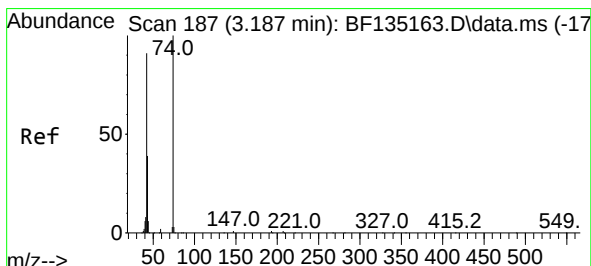
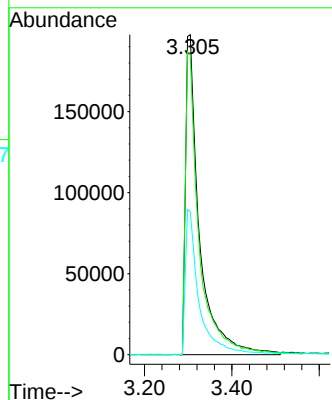
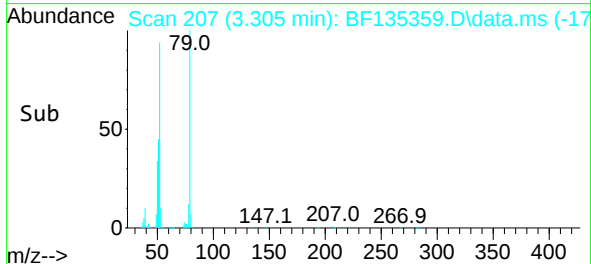
Instrument :
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ClientSampleId :
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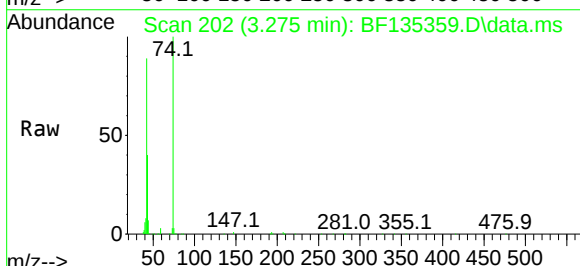
Tgt Ion: 79 Resp: 43260
Ion Ratio Lower Upper
79 100
52 93.7 74.1 111.1
51 44.7 35.8 53.8

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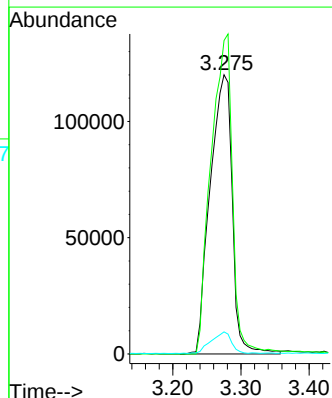
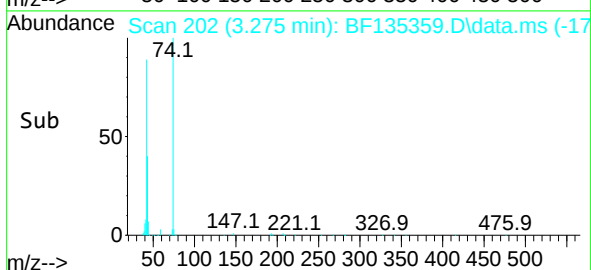
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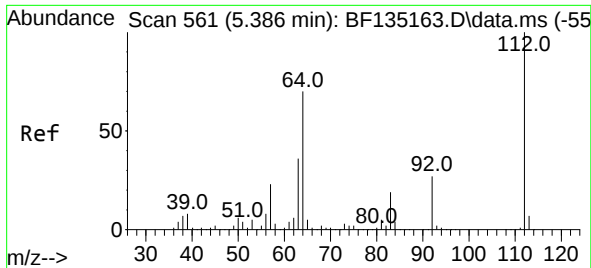


#4
n-Nitrosodimethylamine
Concen: 47.771 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.088 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion: 42 Resp: 270777
Ion Ratio Lower Upper
42 100
74 112.3 87.7 131.5
44 7.9 5.6 8.4





#5
2-Fluorophenol
Concen: 60.274 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

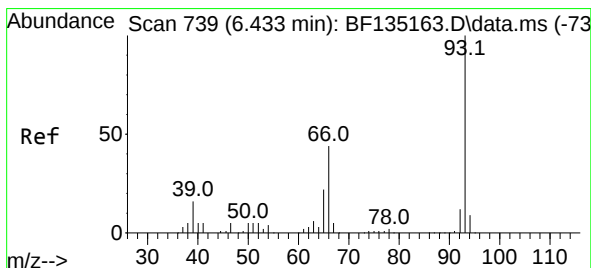
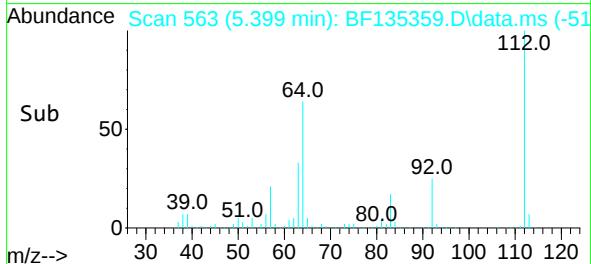
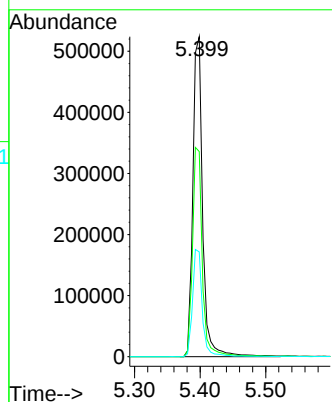
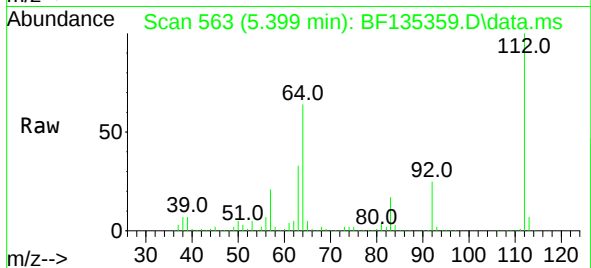
CPT101-02MS

Tgt Ion:112 Resp: 545679
Ion Ratio Lower Upper
112 100
64 64.1 55.9 83.9
63 32.8 29.0 43.6

Manual Integrations

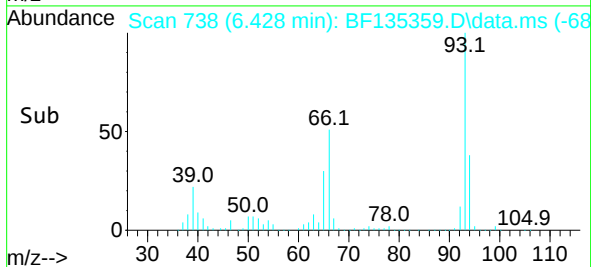
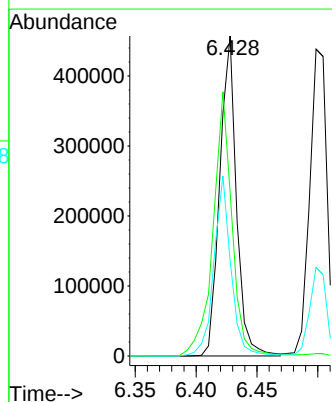
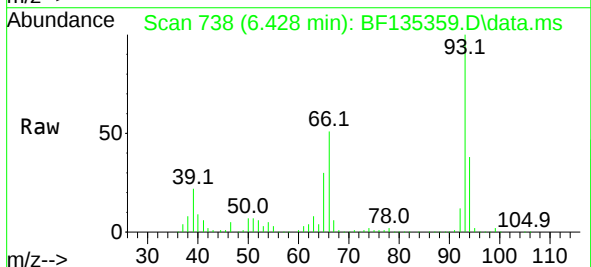
APPROVED

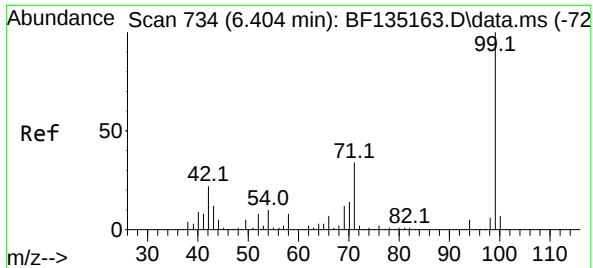
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#6
Aniline
Concen: 28.867 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

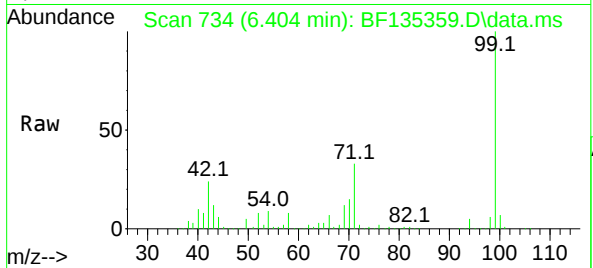
Tgt Ion: 93 Resp: 435769
Ion Ratio Lower Upper
93 100
66 51.1 35.4 53.0
65 29.7 17.8 26.8





#7
Phenol-d6
Concen: 65.719 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

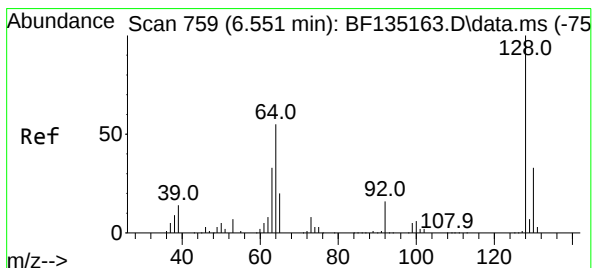
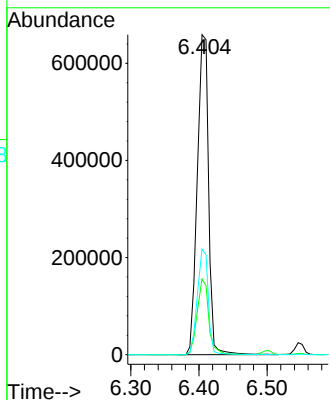
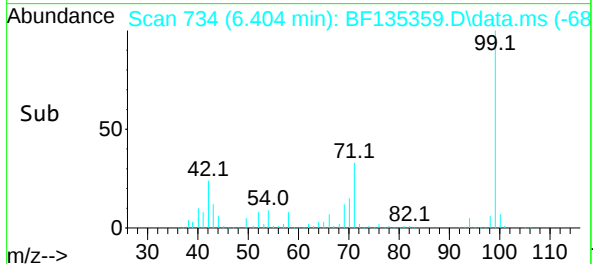
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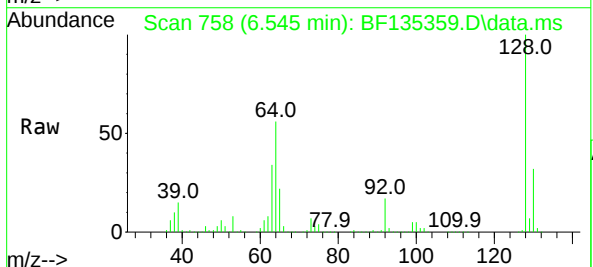
Tgt Ion: 99 Resp: 756538
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 33.0 27.0 40.6

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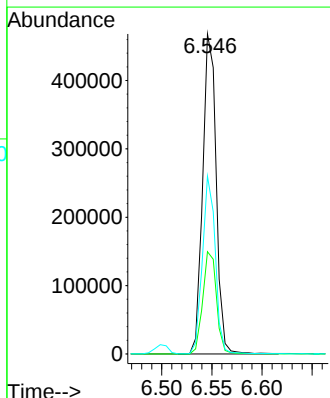
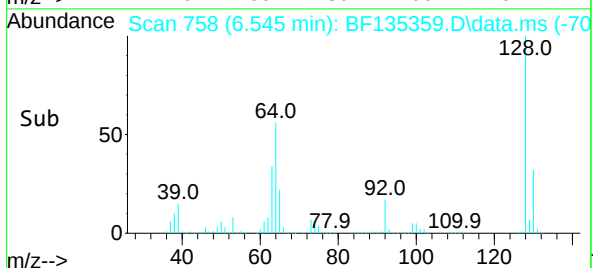
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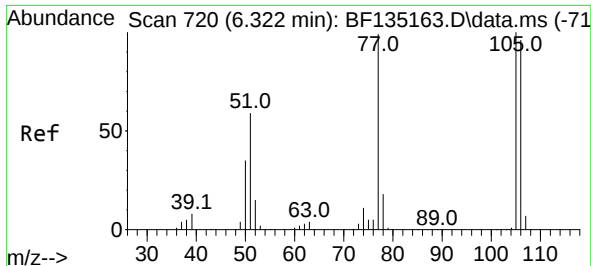


#8
2-Chlorophenol
Concen: 45.664 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



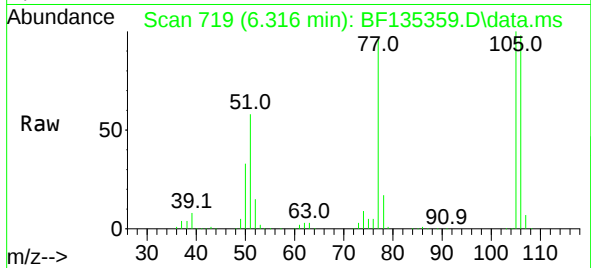
Tgt Ion:128 Resp: 441311
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 55.6 35.9 75.9





#9
Benzaldehyde
Concen: 26.723 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135359.D
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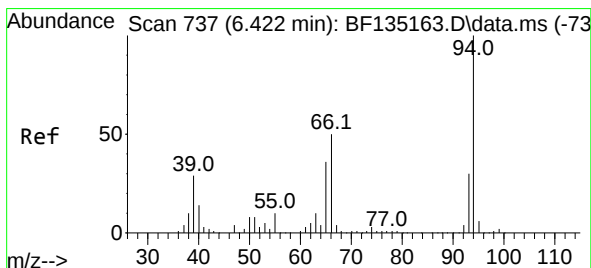
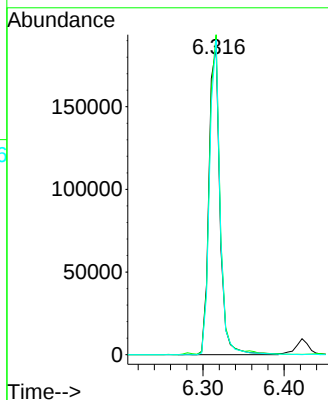
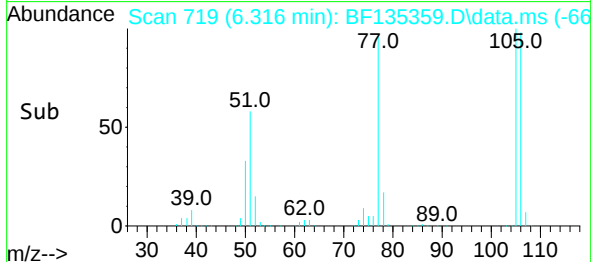
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Tgt Ion: 77 Resp: 17525
Ion Ratio Lower Upper
77 100
105 104.3 81.4 121.4
106 102.7 76.9 116.9

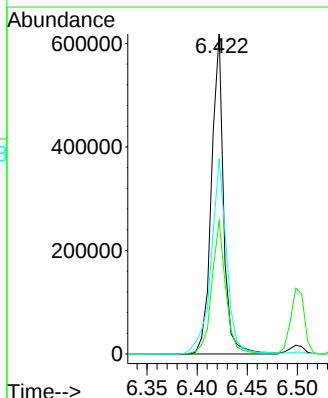
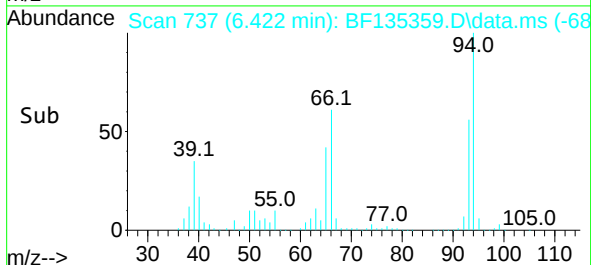
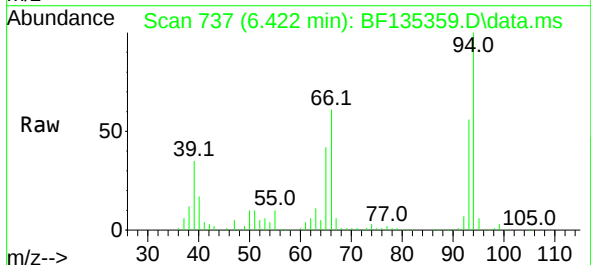
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#10
Phenol
Concen: 41.172 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion: 94 Resp: 519722
Ion Ratio Lower Upper
94 100
65 41.6 15.9 55.9
66 61.0 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.391 ng
RT: 6.498 min Scan# 711
Delta R.T. -0.011 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

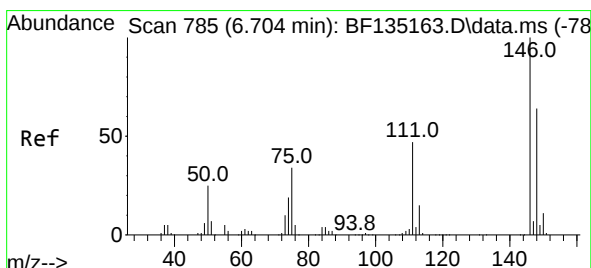
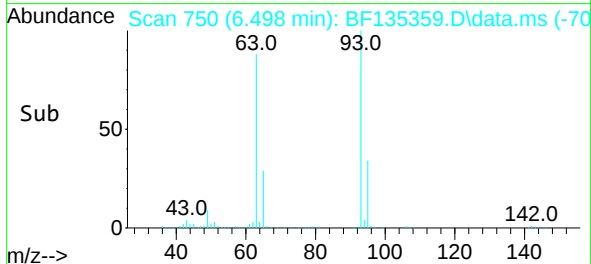
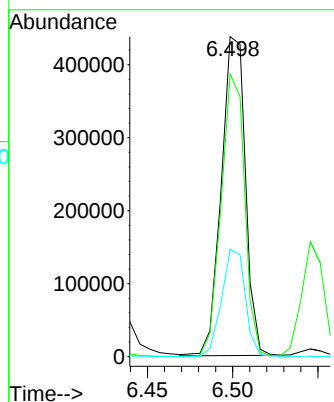
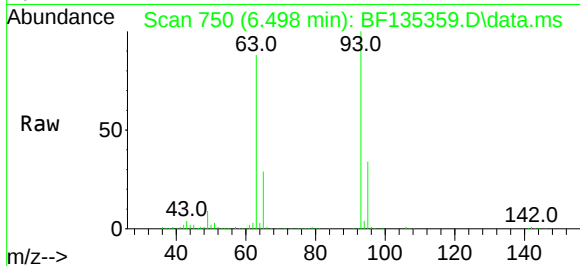
ClientSampleId :

CPT101-02MS

Tgt Ion: 93 Resp: 42979
Ion Ratio Lower Upper
93 100
63 88.4 67.3 107.3
95 33.5 12.7 52.7

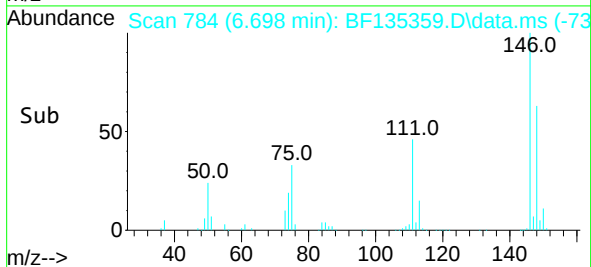
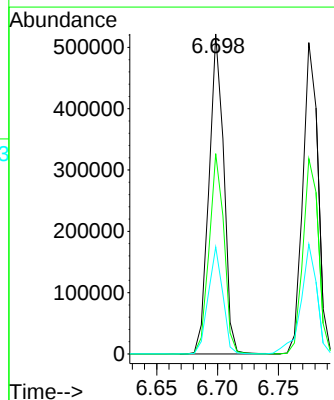
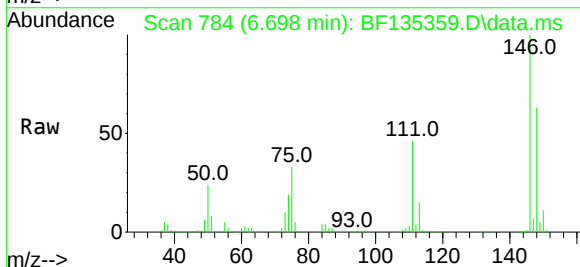
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#12
1,3-Dichlorobenzene
Concen: 44.799 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:146 Resp: 440011
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 33.4 27.4 41.2





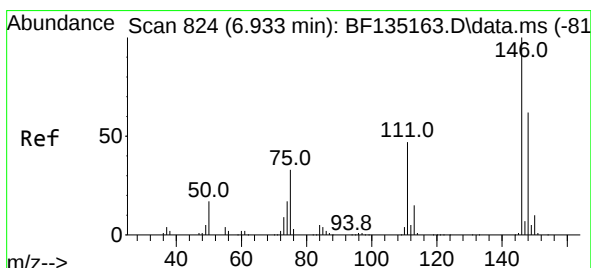
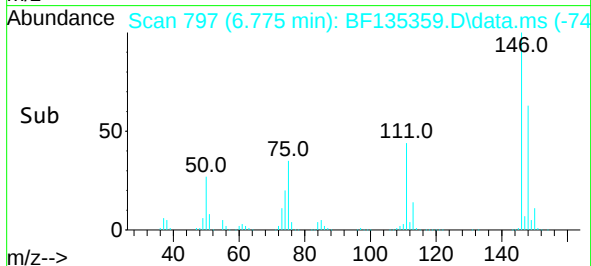
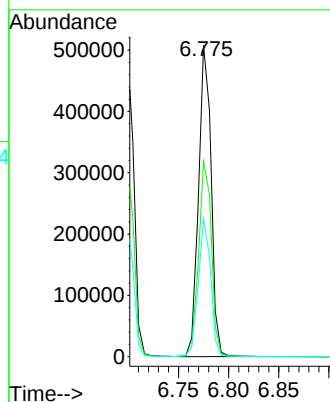
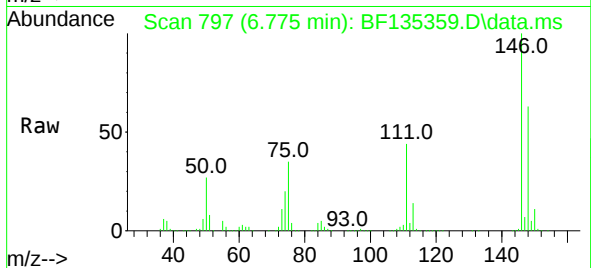
#13
1,4-Dichlorobenzene
Concen: 44.289 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :
BNA_F
Client SampleId :
CPT101-02MS

Tgt Ion:146 Resp: 442560
Ion Ratio Lower Upper
146 100
148 62.8 51.3 76.9
111 44.4 35.1 52.7

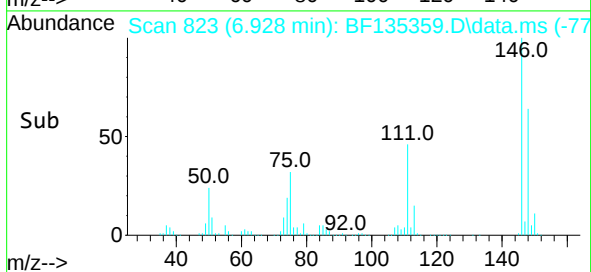
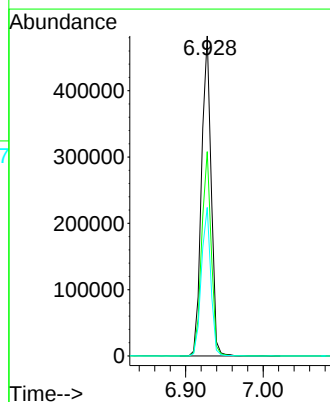
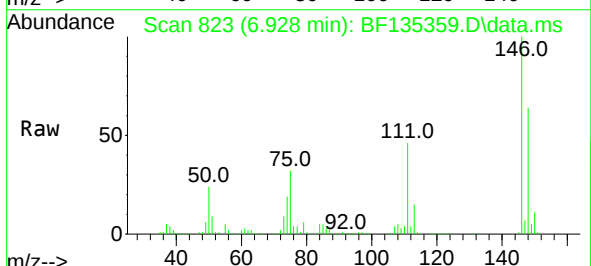
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#14
1,2-Dichlorobenzene
Concen: 44.959 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:146 Resp: 417210
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 46.4 37.4 56.2





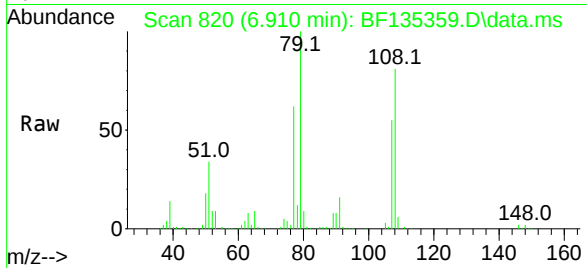
#15
Benzyl Alcohol
Concen: 42.718 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

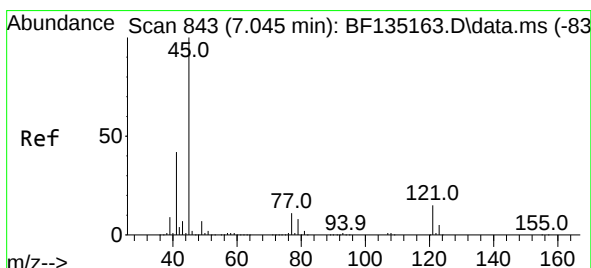
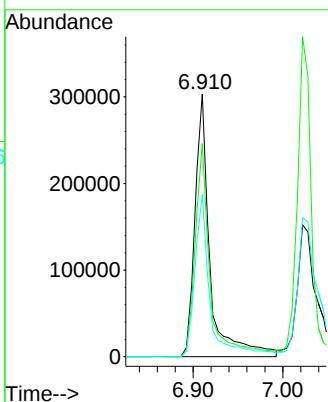
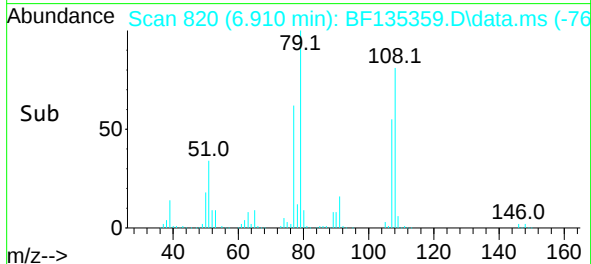
CPT101-02MS



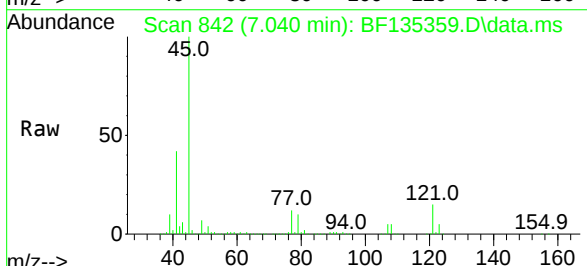
Tgt Ion: 79 Resp: 35288
Ion Ratio Lower Upper
79 100
108 81.2 61.2 91.8
77 61.7 50.5 75.7

Manual Integrations
APPROVED

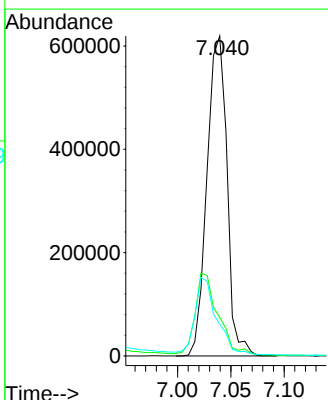
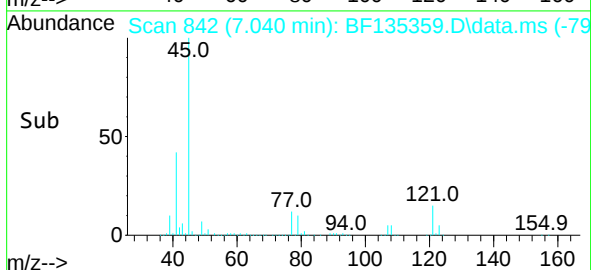
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

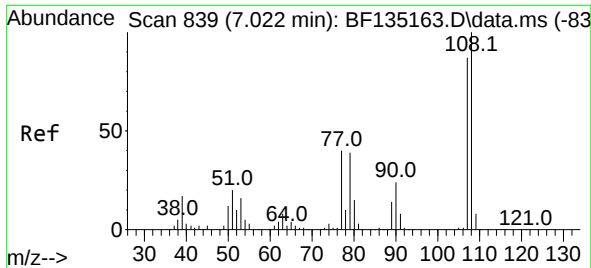


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.472 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion: 45 Resp: 811575
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 9.9 0.0 28.3





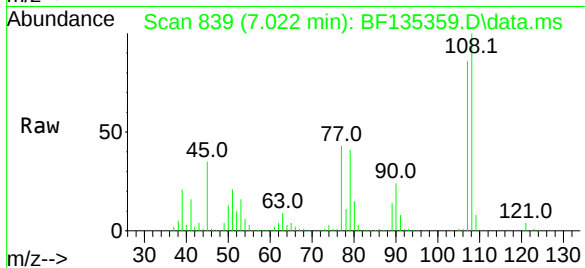
#17
2-Methylphenol
Concen: 40.445 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

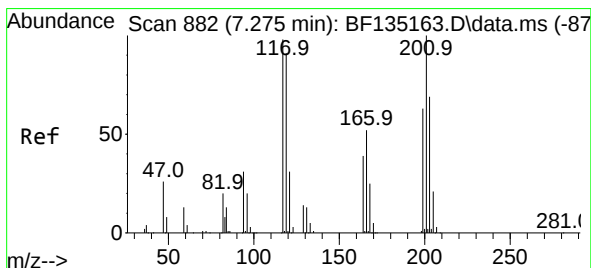
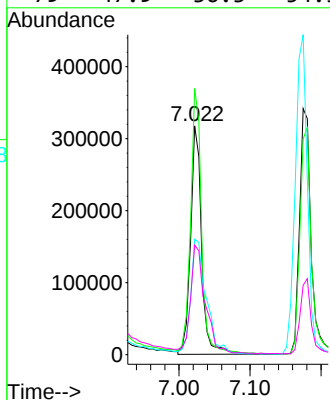
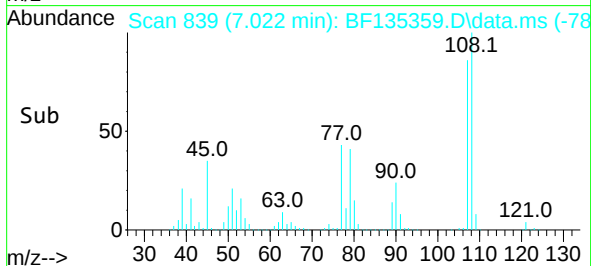


Tgt Ion:107 Resp: 344934
Ion Ratio Lower Upper
107 100
108 116.3 92.0 138.0
77 50.5 36.7 55.1
79 47.9 36.3 54.5

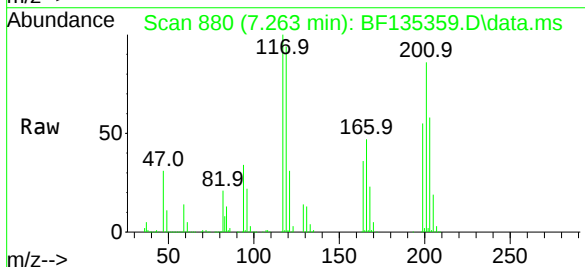
Manual Integrations

APPROVED

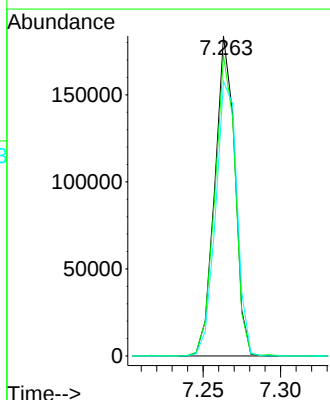
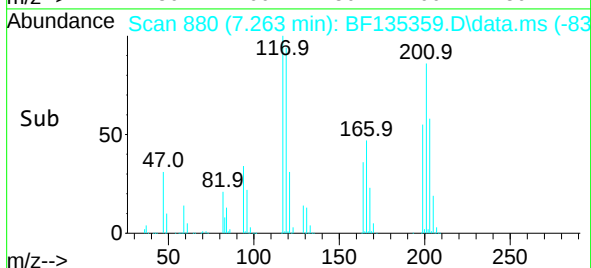
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

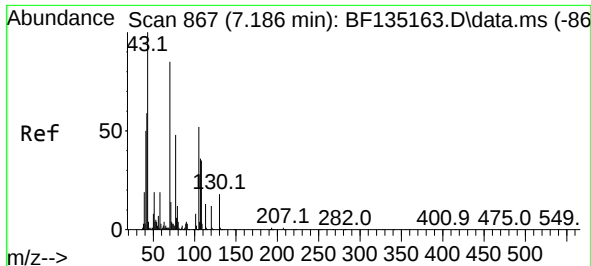


#18
Hexachloroethane
Concen: 44.589 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:117 Resp: 164632
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1
201 85.9 81.8 122.8





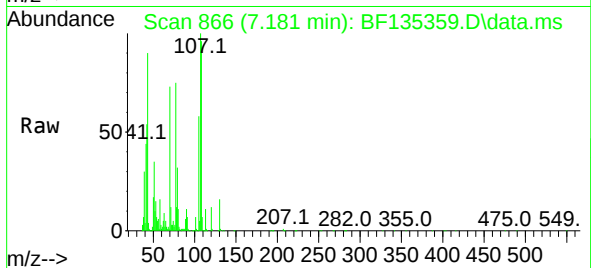
#19
n-Nitroso-di-n-propylamine
Concen: 38.617 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

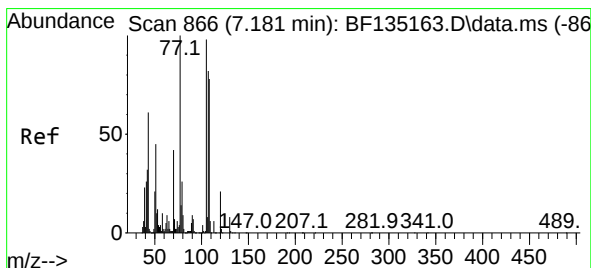
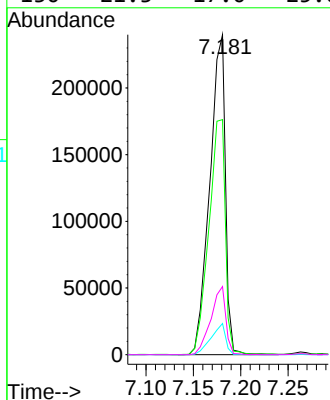
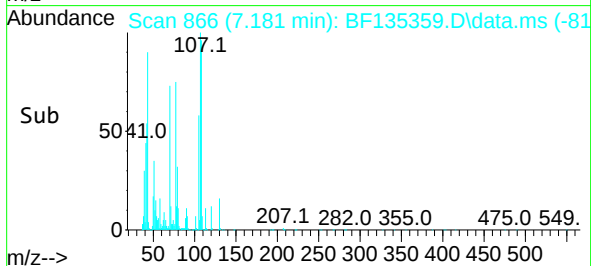


Tgt Ion: 70 Resp: 27535
Ion Ratio Lower Upper
70 100
42 73.4 55.4 83.0
101 9.8 7.7 11.5
130 21.3 17.0 25.6

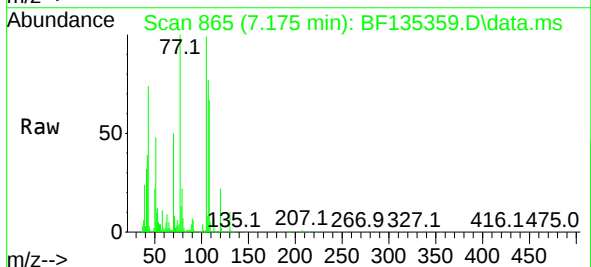
Manual Integrations

APPROVED

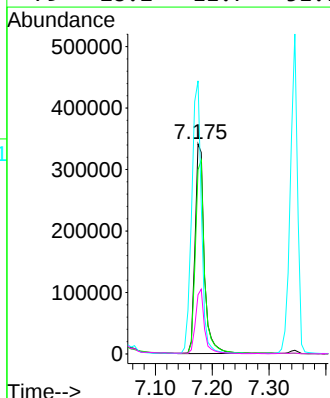
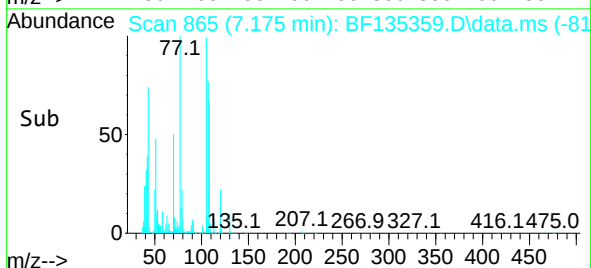
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

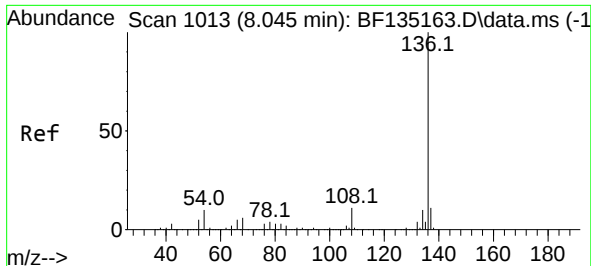


#20
3+4-Methylphenols
Concen: 37.619 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:107 Resp: 385784
Ion Ratio Lower Upper
107 100
108 87.7 74.7 114.7
77 130.0 102.0 142.0
79 28.2 11.7 51.7





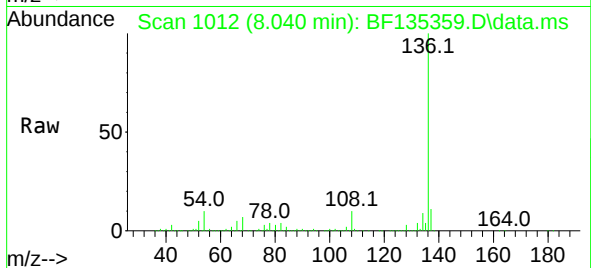
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

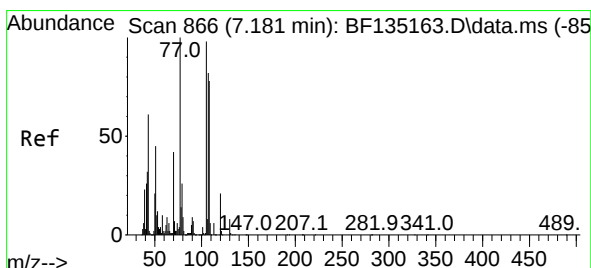
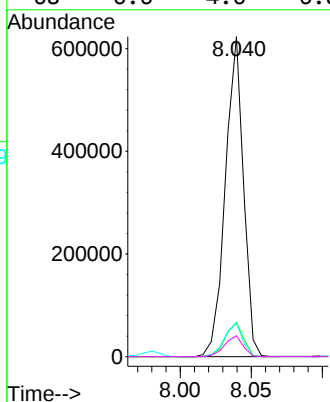
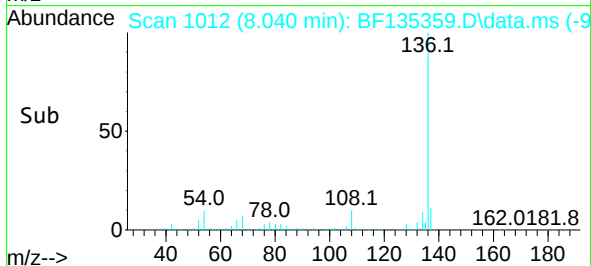


Tgt Ion:136 Resp: 551788
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 6.6 4.6 6.8

Manual Integrations

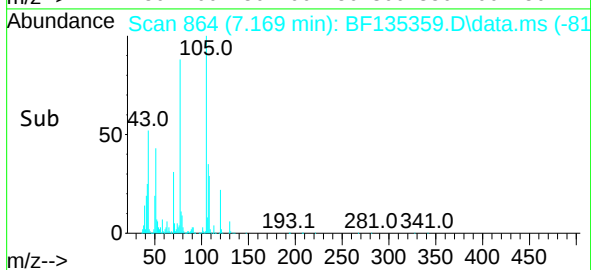
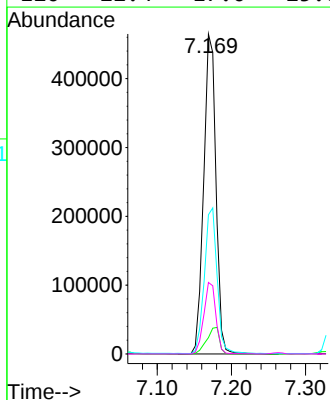
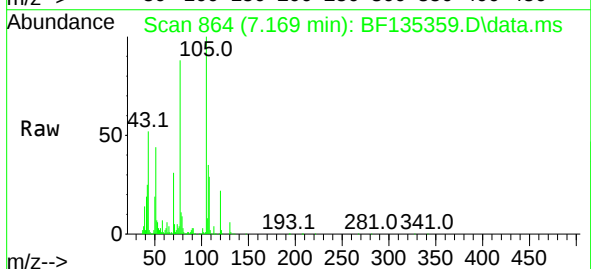
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#22
Acetophenone
Concen: 42.427 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:105 Resp: 535223
Ion Ratio Lower Upper
105 100
71 5.1 5.8 8.6#
51 43.5 37.0 55.4
120 22.4 17.0 25.6





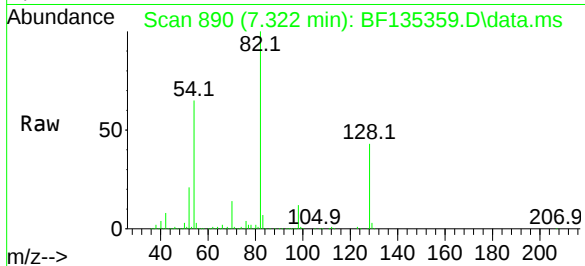
#23
Nitrobenzene-d5
Concen: 46.802 ng
RT: 7.322 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

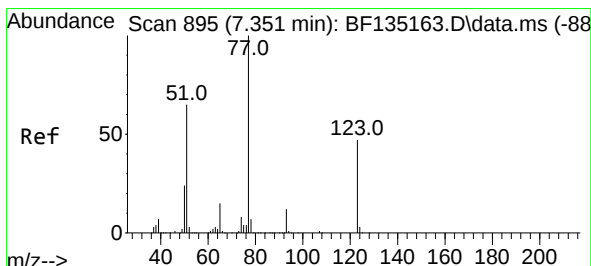
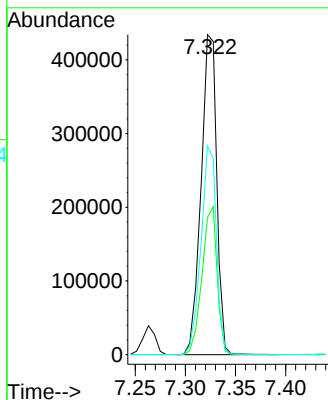
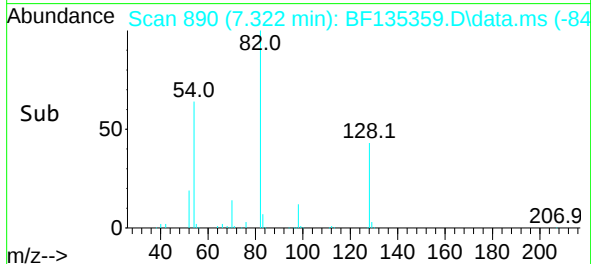
CPT101-02MS



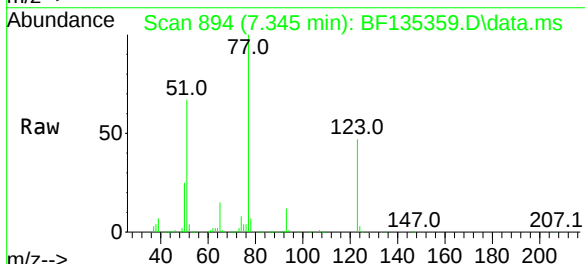
Tgt Ion: 82 Resp: 475333
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.6
54 65.2 50.6 76.0

Manual Integrations
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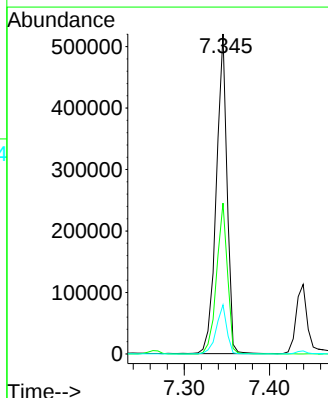
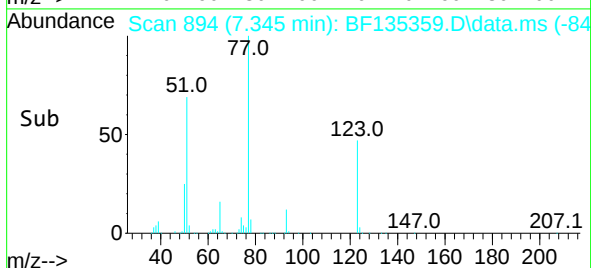
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#24
Nitrobenzene
Concen: 45.350 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion: 77 Resp: 455242
Ion Ratio Lower Upper
77 100
123 47.1 37.6 56.4
65 15.3 12.2 18.4





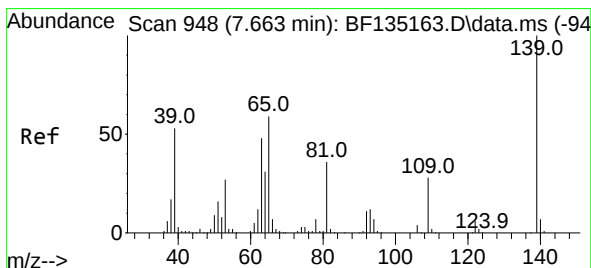
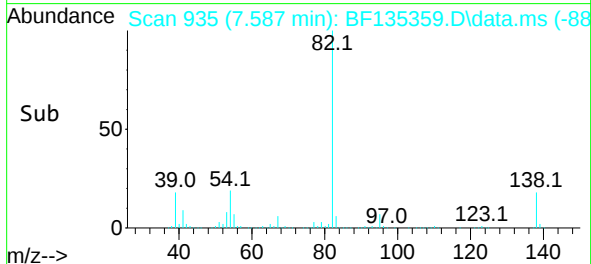
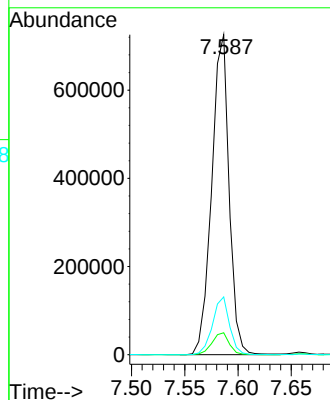
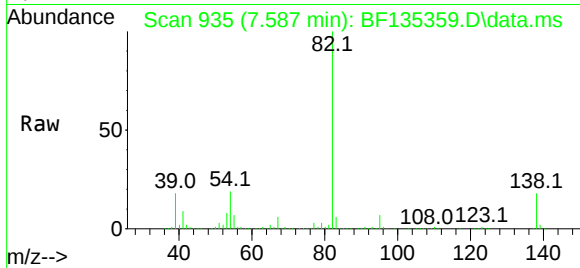
#25
Isophorone
Concen: 44.116 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :
BNA_F
ClientSampleId :
CPT101-02MS

Tgt Ion: 82 Resp: 82275
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 18.0 14.5 21.7

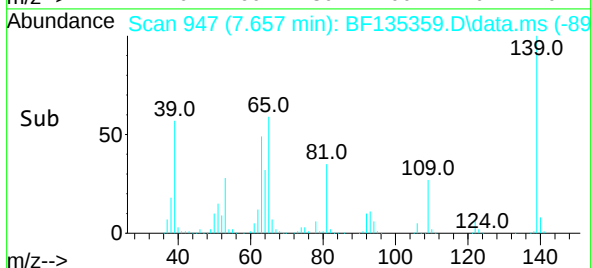
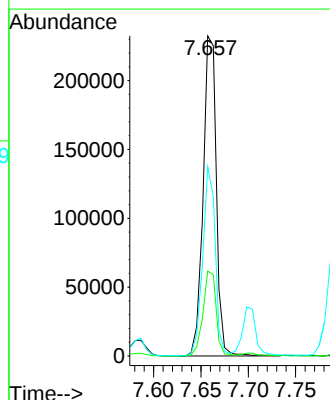
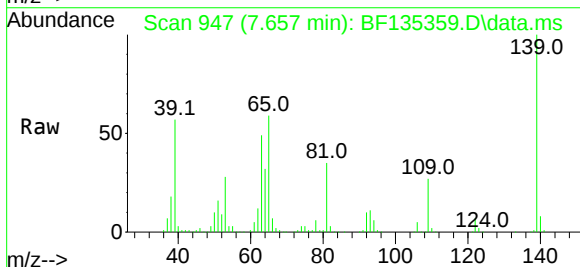
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#26
2-Nitrophenol
Concen: 47.034 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:139 Resp: 226607
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 59.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.227 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135359.D

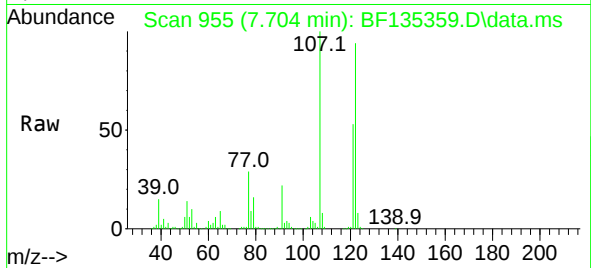
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS



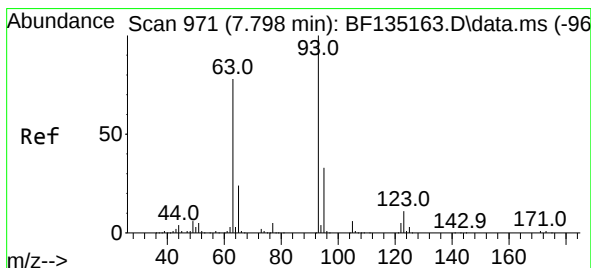
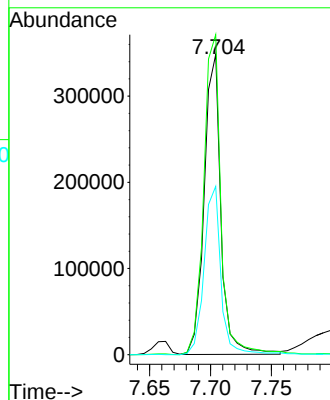
Tgt Ion:	122	Resp:	33387
Ion	Ratio	Lower	Upper
122	100		
107	106.6	90.2	135.4
121	56.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.773 ng

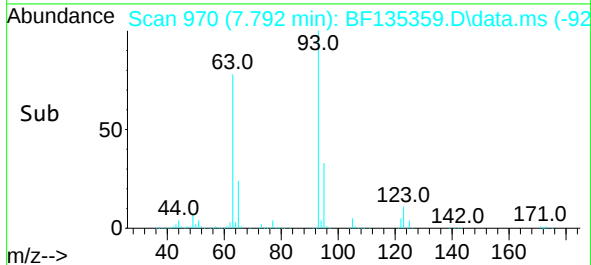
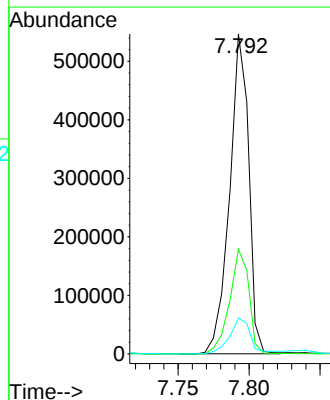
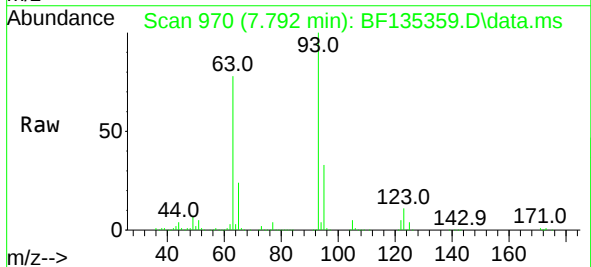
RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Tgt Ion:	93	Resp:	510936
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.2	8.8	13.2





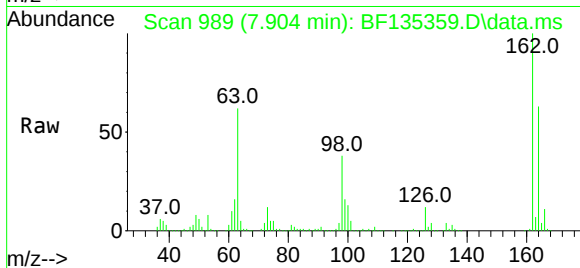
#29
2,4-Dichlorophenol
Concen: 44.666 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS



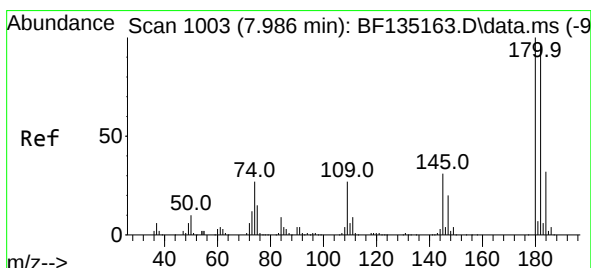
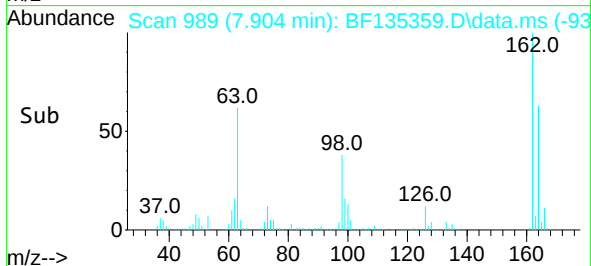
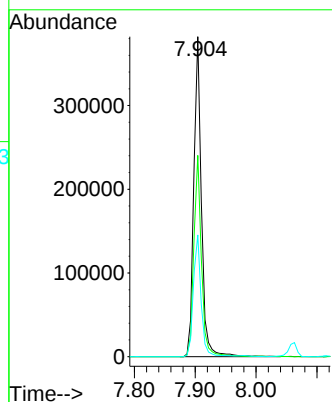
Tgt Ion:162 Resp: 33517
Ion Ratio Lower Upper
162 100
164 62.9 44.1 84.1
98 38.0 20.3 60.3

Manual Integrations

APPROVED

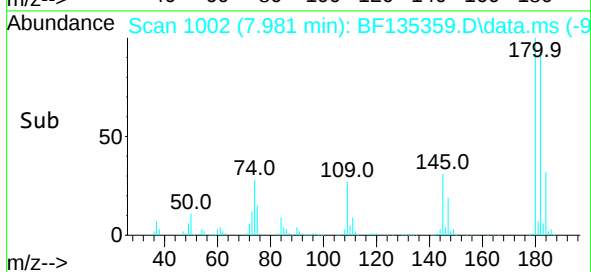
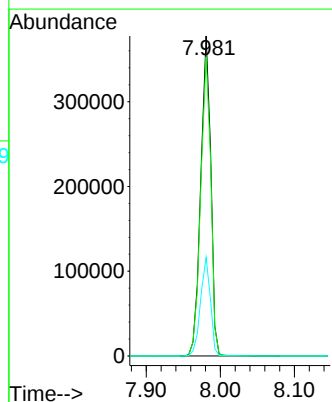
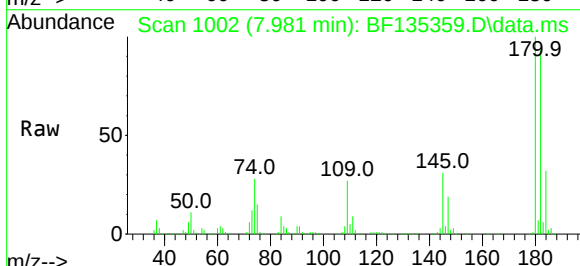
Reviewed By :Yogesh Patel 09/21/2023

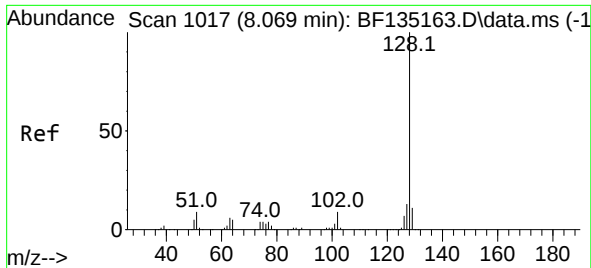
Supervised By :mohammad ahmed 09/21/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.376 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:180 Resp: 355908
Ion Ratio Lower Upper
180 100
182 93.4 76.9 115.3
145 30.8 24.5 36.7





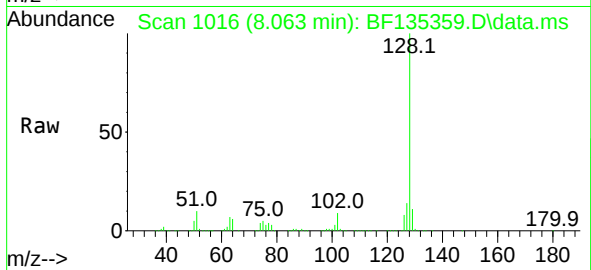
#31
Naphthalene
Concen: 42.727 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS



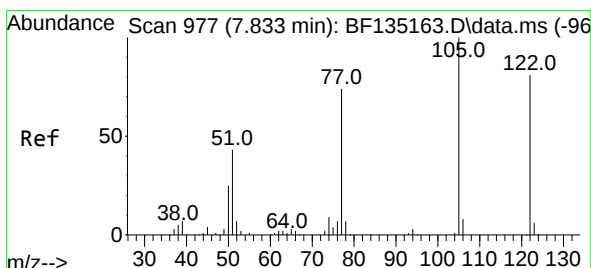
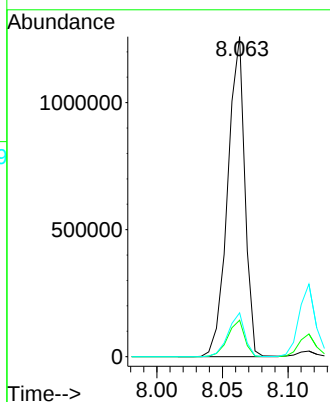
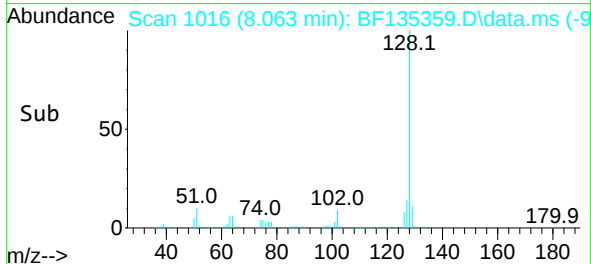
Tgt Ion:128 Resp: 1145498
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.7 16.1

Manual Integrations

APPROVED

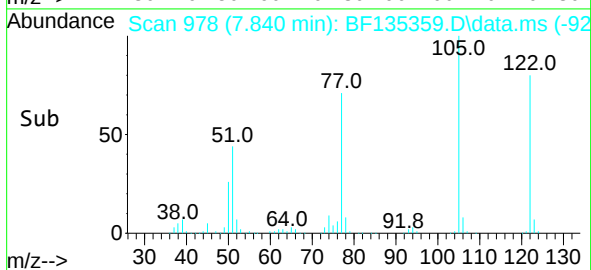
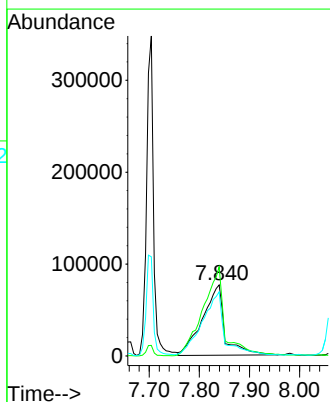
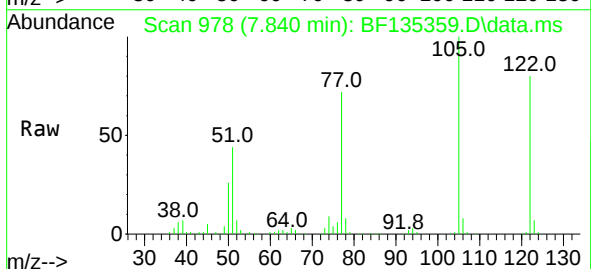
Reviewed By :Yogesh Patel 09/21/2023

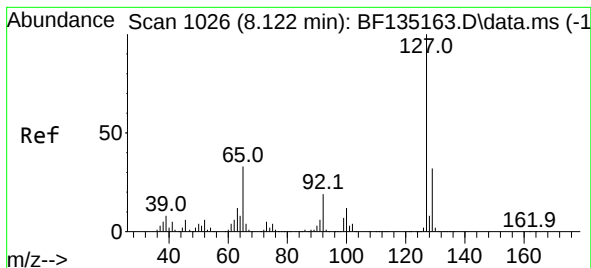
Supervised By :mohammad ahmed 09/21/2023



#32
Benzoic acid
Concen: 38.866 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:122 Resp: 237010
Ion Ratio Lower Upper
122 100
105 125.6 99.9 139.9
77 90.4 70.0 110.0





#33
4-Chloroaniline
Concen: 23.318 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

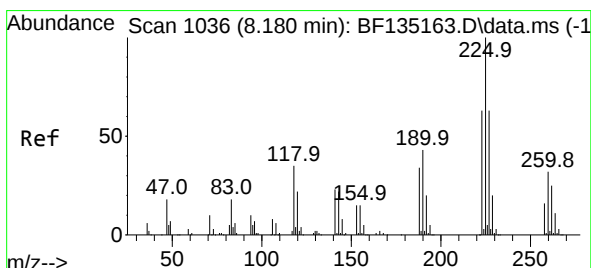
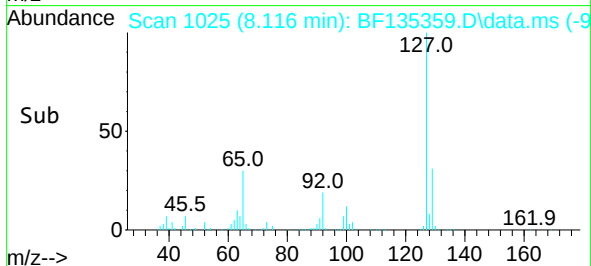
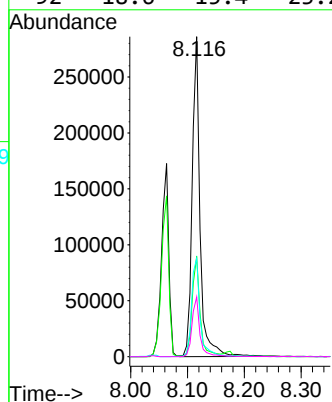
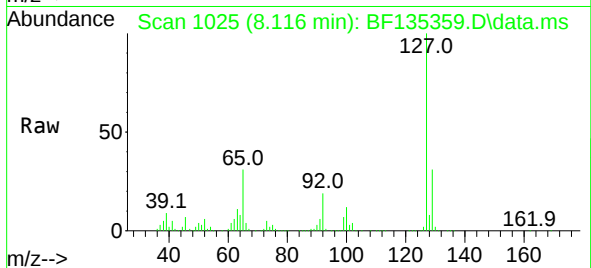
CPT101-02MS

Tgt Ion:127 Resp: 274279
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.8
65 30.8 26.6 39.8
92 18.6 15.4 23.2

Manual Integrations

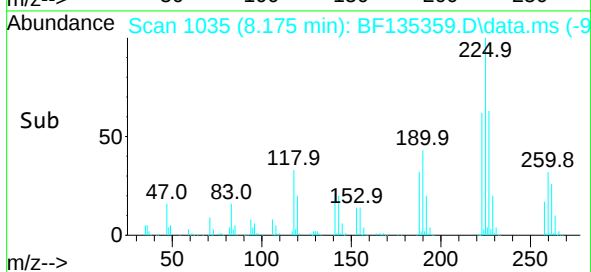
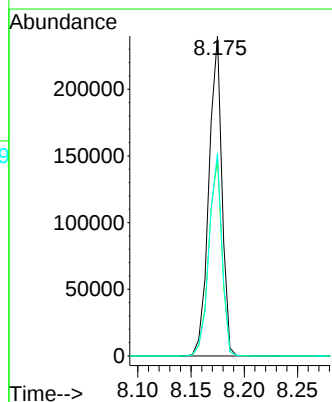
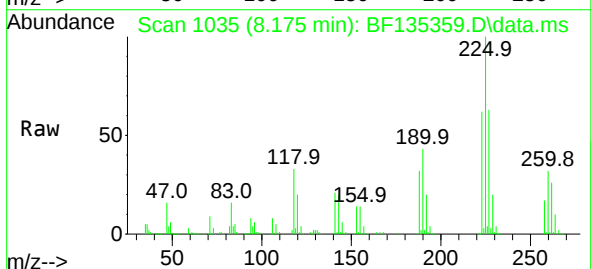
APPROVED

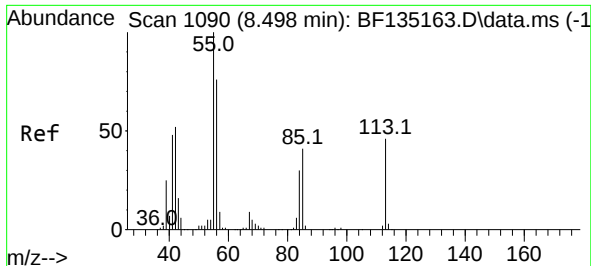
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#34
Hexachlorobutadiene
Concen: 43.334 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

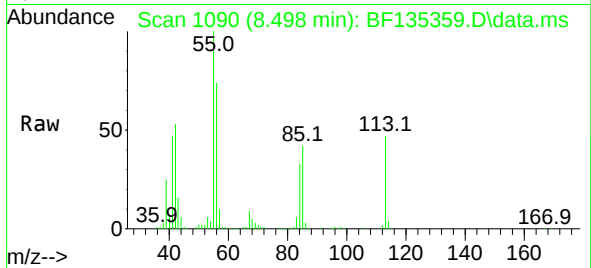
Tgt Ion:225 Resp: 204946
Ion Ratio Lower Upper
225 100
223 61.6 50.6 75.8
227 63.5 50.8 76.2





#35
 Caprolactam
 Concen: 46.503 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04

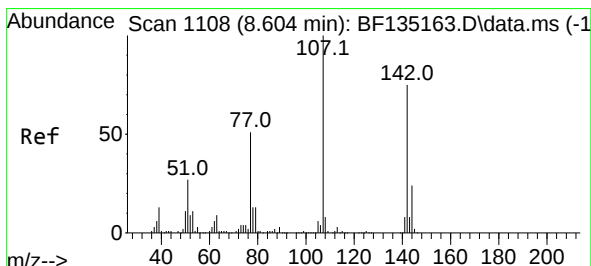
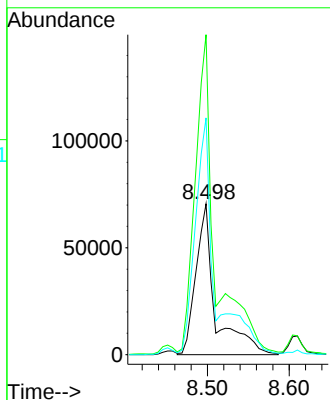
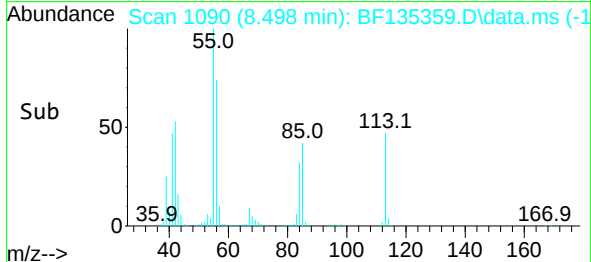
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02MS



Tgt Ion:113 Resp: 11711
 Ion Ratio Lower Upper
 113 100
 55 212.1 199.3 239.3
 56 157.0 146.3 186.3

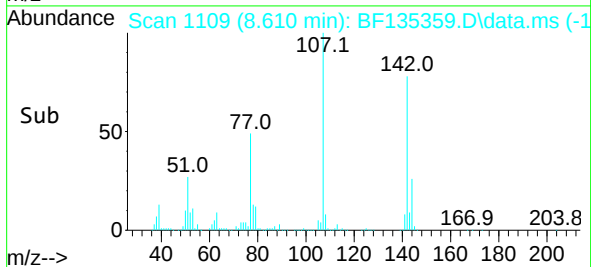
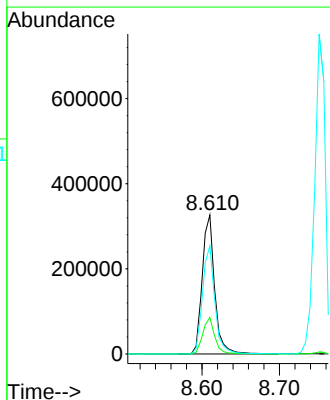
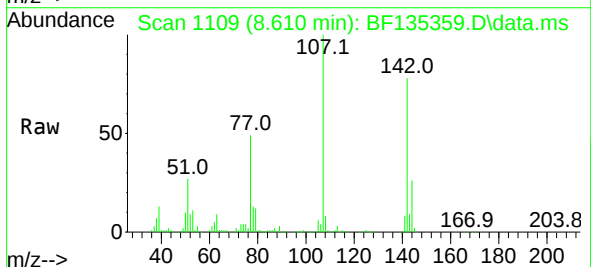
Manual Integrations
 APPROVED

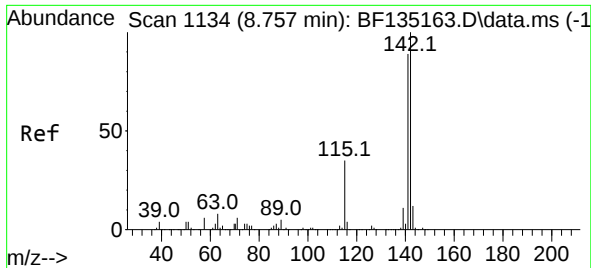
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.647 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04

Tgt Ion:107 Resp: 364025
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.0 28.4
 142 77.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.676 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:142 Resp: 715029

Ion Ratio Lower Upper

142 100

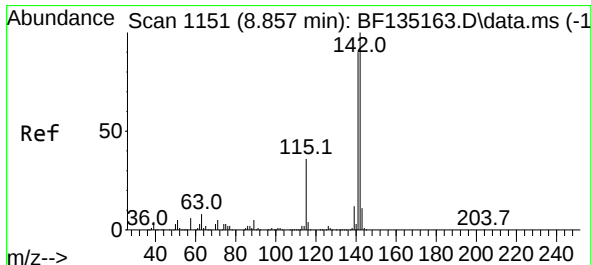
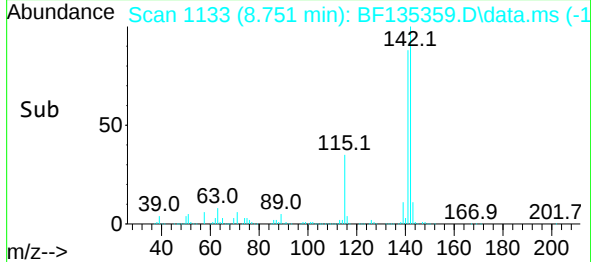
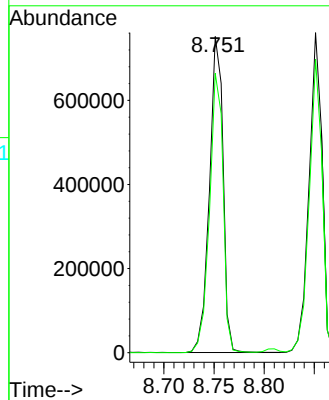
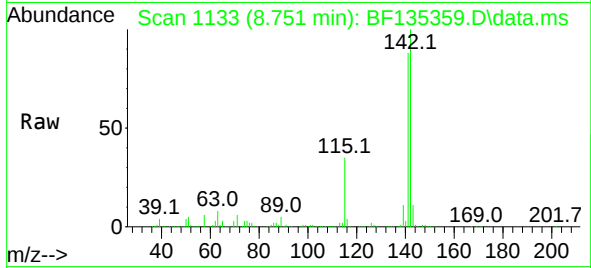
141 88.3 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#38

1-Methylnaphthalene

Concen: 40.534 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135359.D

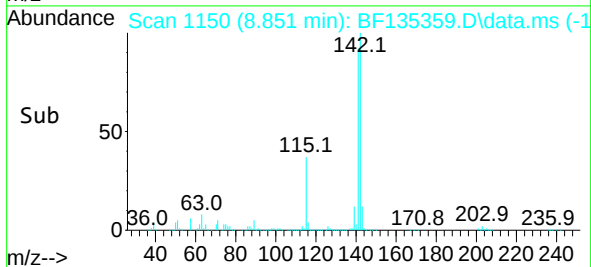
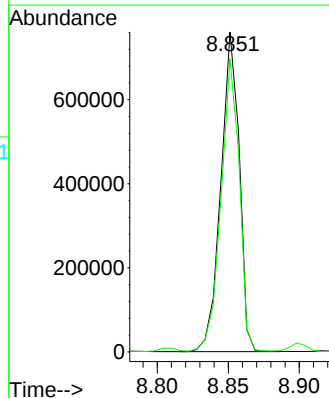
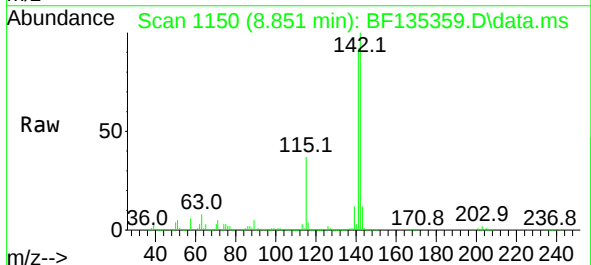
Acq: 20 Sep 2023 16:04

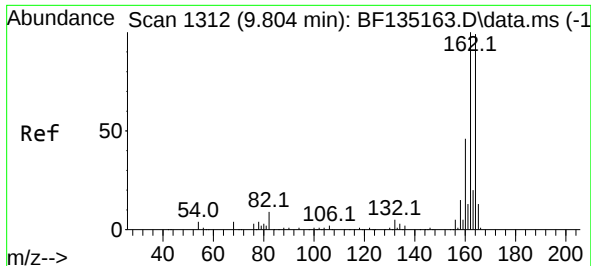
Tgt Ion:142 Resp: 683907

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6





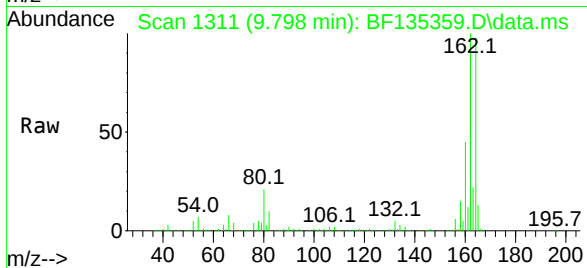
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

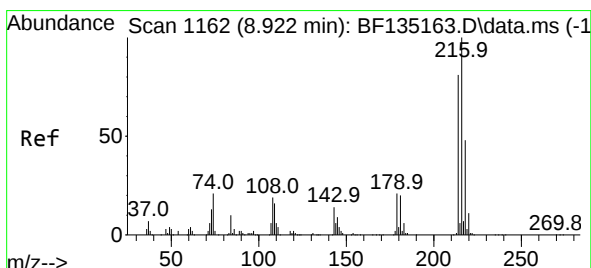
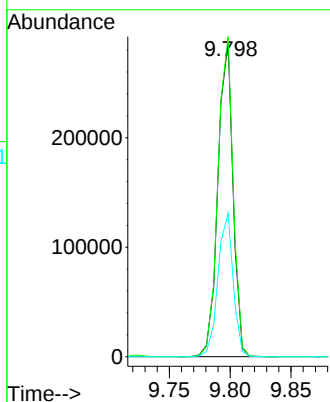
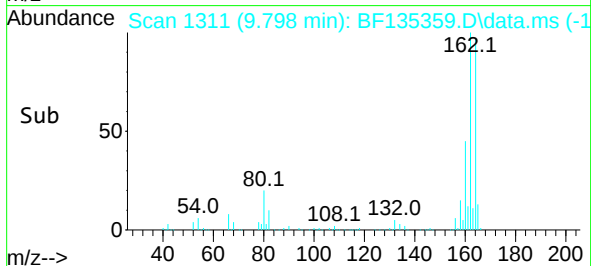


Tgt Ion:164 Resp: 248430
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.5 37.0 55.4

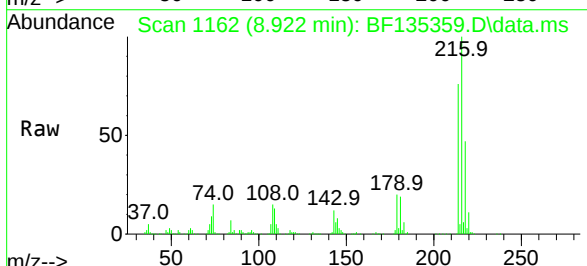
Manual Integrations

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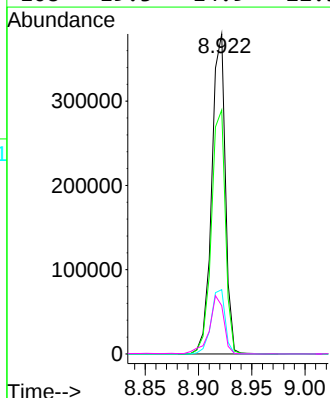
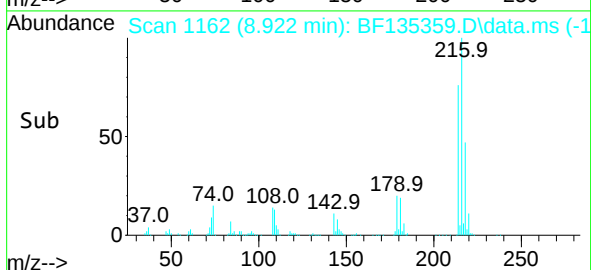
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.722 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:216 Resp: 336266
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.8 16.7 25.1
108 19.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 45.373 ng
RT: 8.898 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

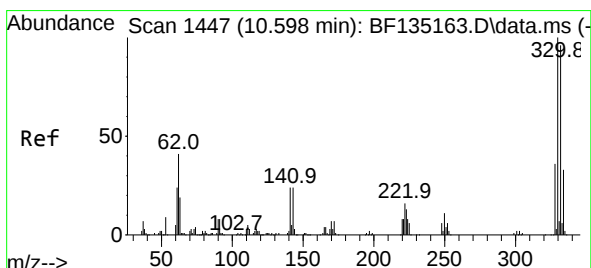
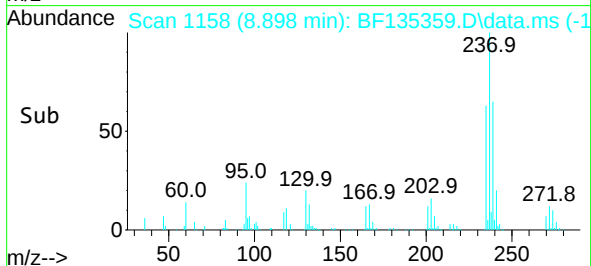
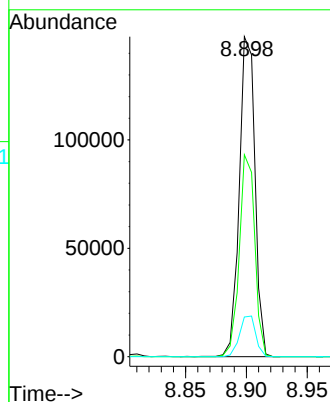
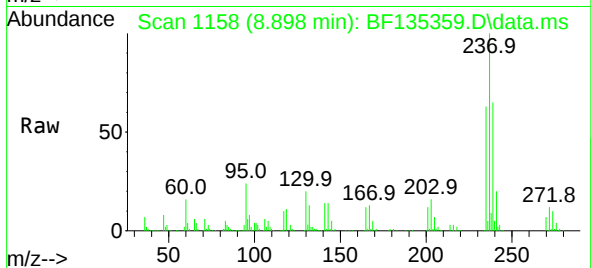
CPT101-02MS

Tgt Ion:237 Resp: 132725
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.4 0.0 33.6

Manual Integrations

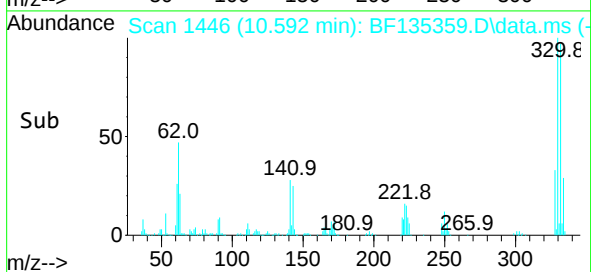
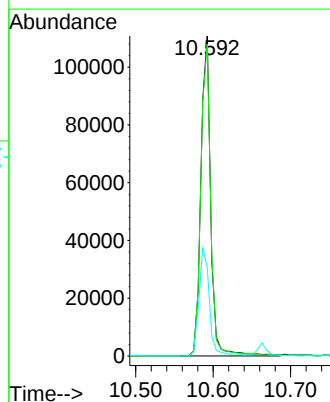
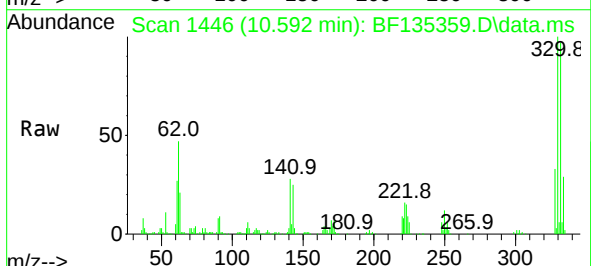
APPROVED

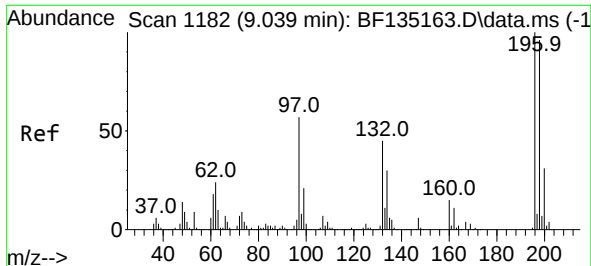
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#42
2,4,6-Tribromophenol
Concen: 39.507 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

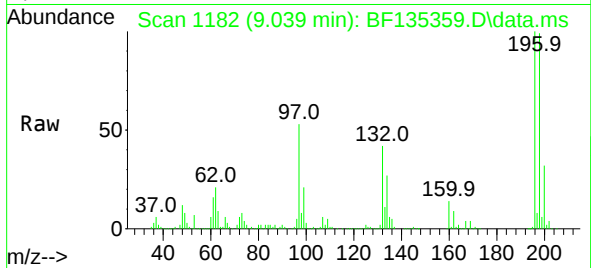
Tgt Ion:330 Resp: 97534
Ion Ratio Lower Upper
330 100
332 99.4 77.3 115.9
141 35.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 46.985 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

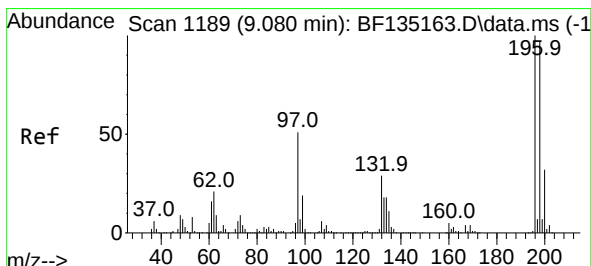
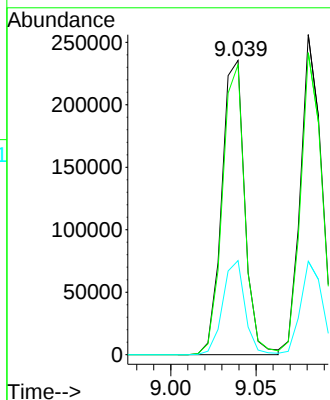
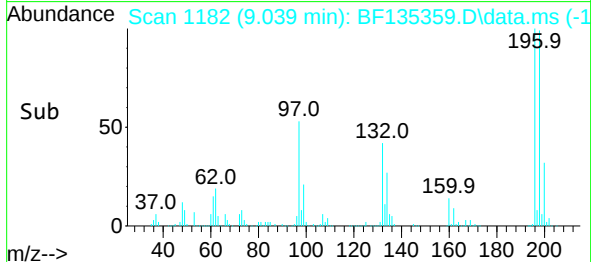
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



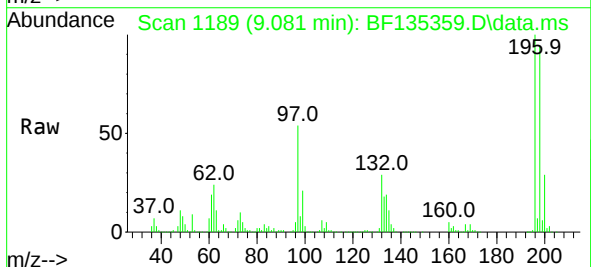
Tgt Ion:196 Resp: 22140
Ion Ratio Lower Upper
196 100
198 98.5 77.0 115.6
200 32.0 24.5 36.7

Manual Integrations
APPROVED

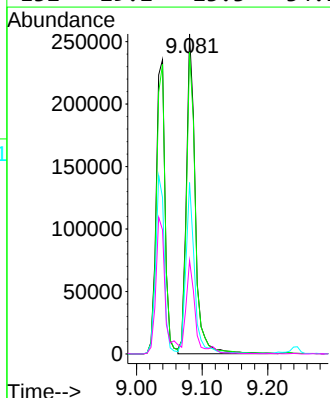
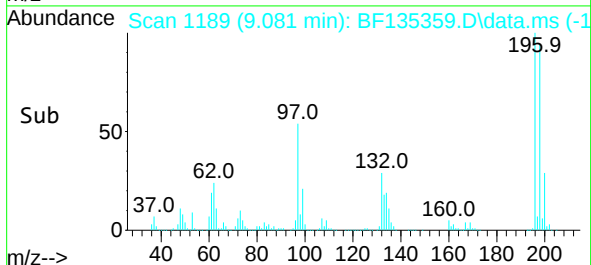
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

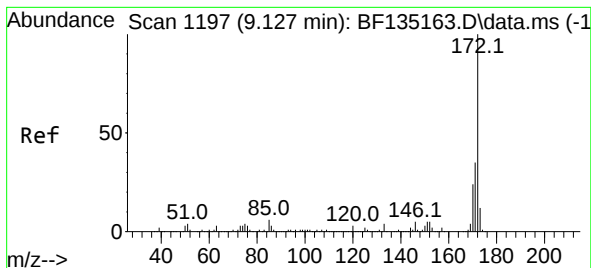


#44
2,4,5-Trichlorophenol
Concen: 44.265 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:196 Resp: 240215
Ion Ratio Lower Upper
196 100
198 94.3 77.5 116.3
97 53.5 40.5 60.7
132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 49.052 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

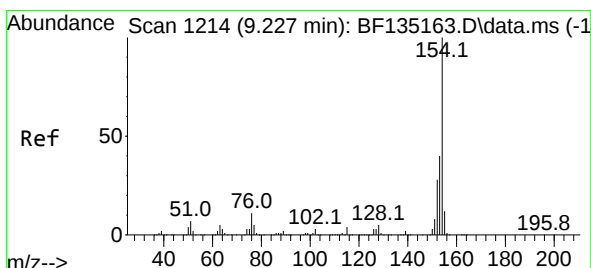
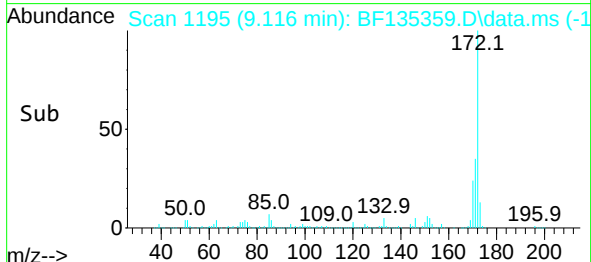
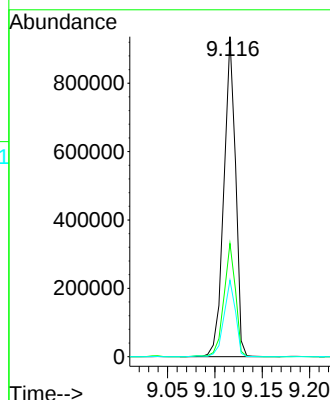
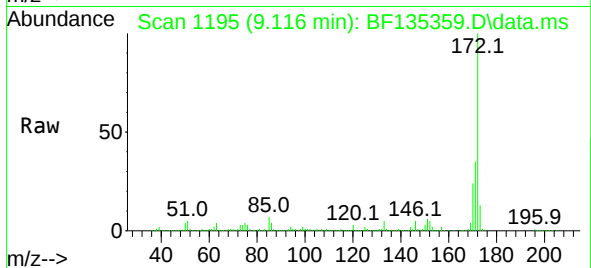
Tgt Ion:	172	Resp:	807709
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.4	42.6
170	23.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#46

1,1'-Biphenyl

Concen: 46.047 ng

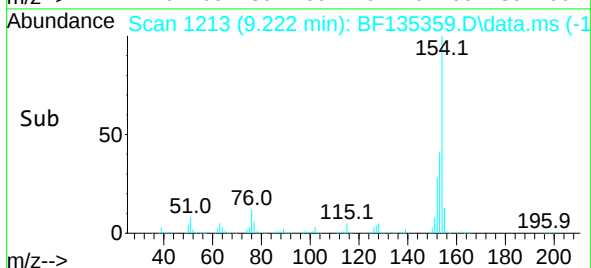
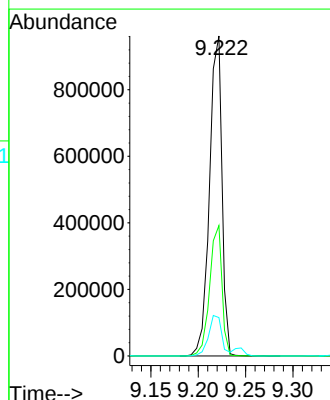
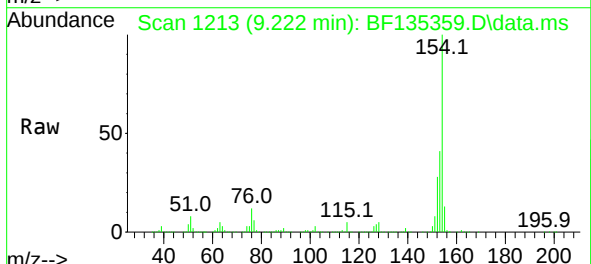
RT: 9.222 min Scan# 1213

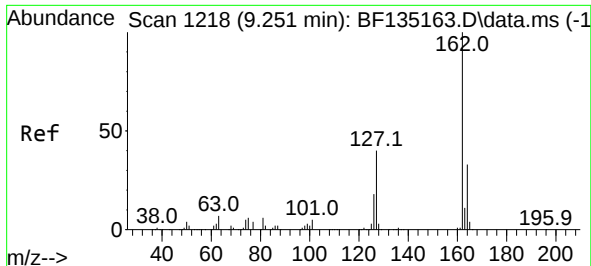
Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Tgt Ion:	154	Resp:	879106
Ion Ratio	Lower	Upper	
154	100		
153	40.7	19.6	59.6
76	12.0	0.0	31.0





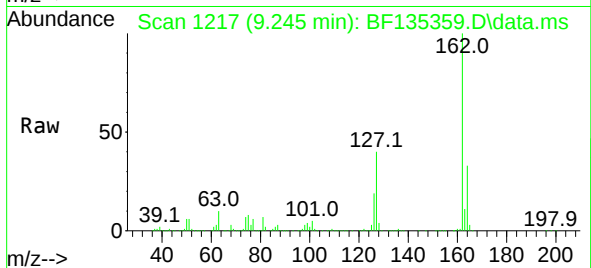
#47
2-Chloronaphthalene
Concen: 48.052 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

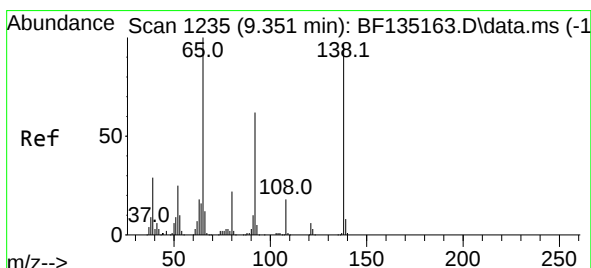
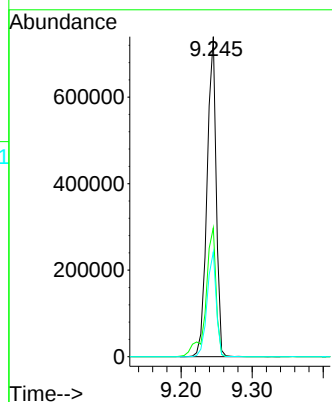
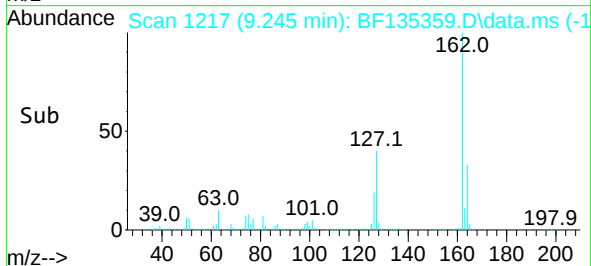


Tgt Ion:162 Resp: 665614
Ion Ratio Lower Upper
162 100
127 40.3 32.6 48.8
164 32.8 26.2 39.2

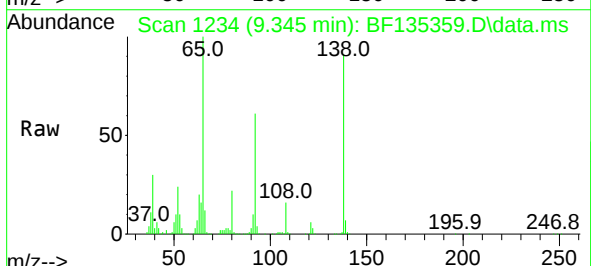
Manual Integrations

APPROVED

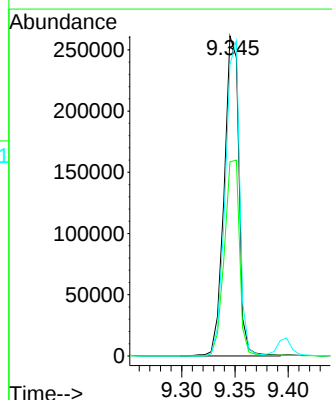
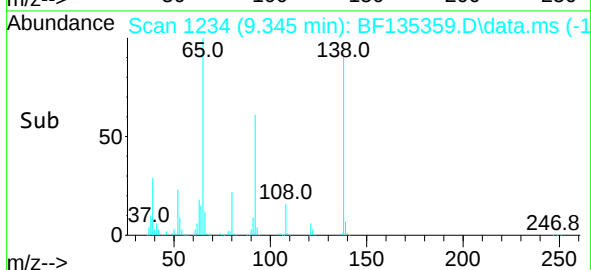
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

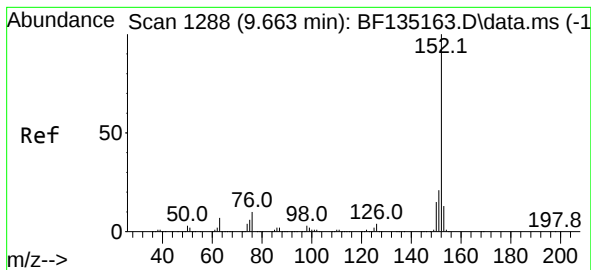


#48
2-Nitroaniline
Concen: 46.748 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion: 65 Resp: 251569
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 91.1 77.4 116.0





#49

Acenaphthylene

Concen: 45.699 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:152 Resp: 105203

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

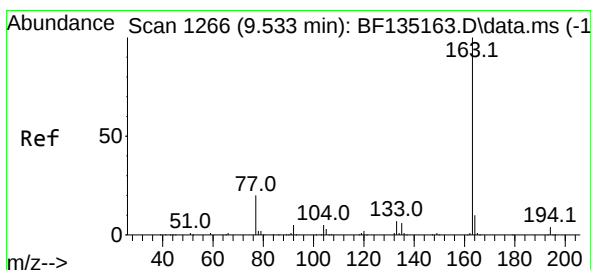
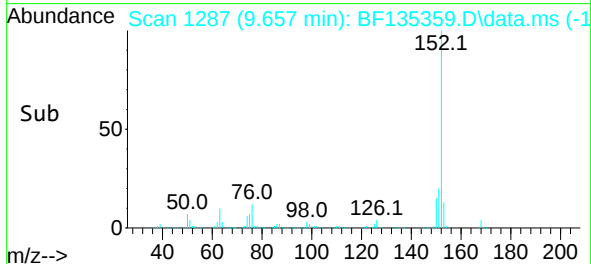
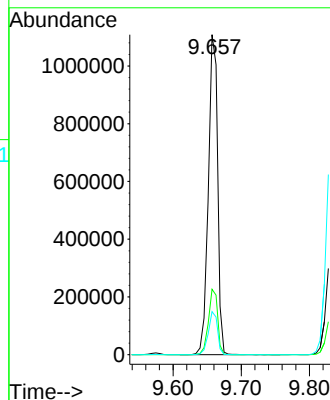
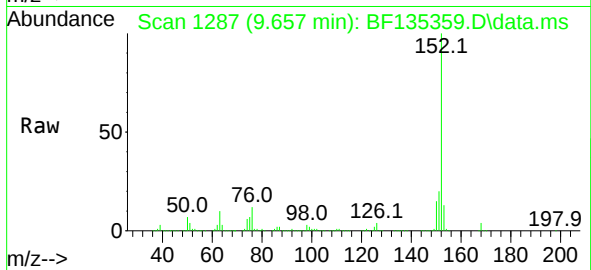
153 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#50

Dimethylphthalate

Concen: 47.407 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

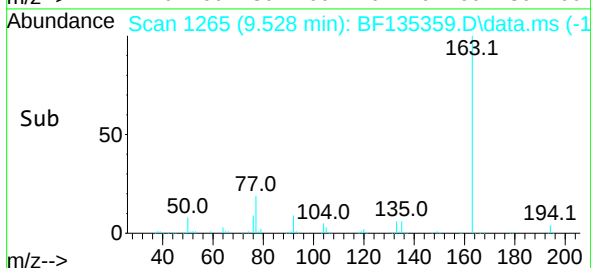
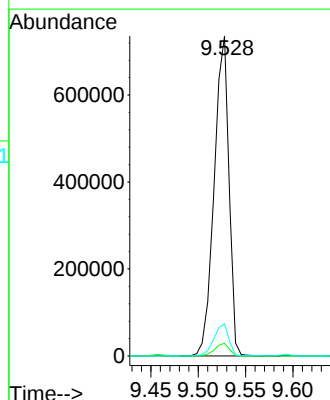
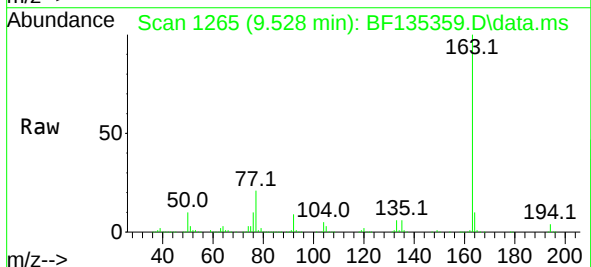
Tgt Ion:163 Resp: 796269

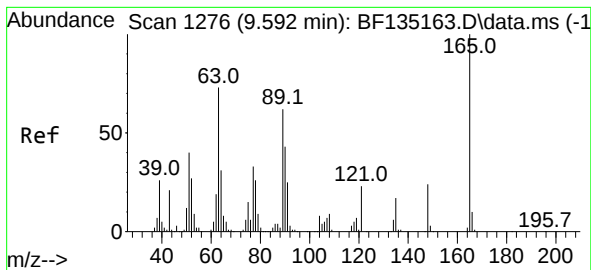
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

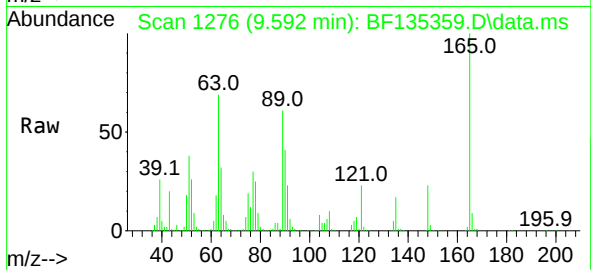
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.805 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

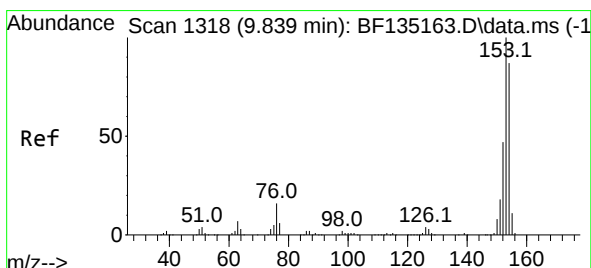
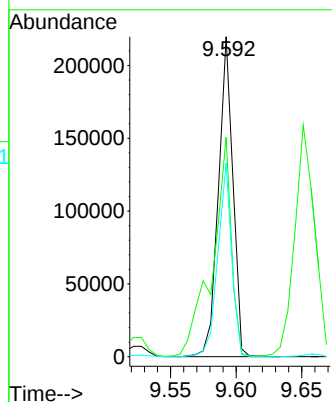
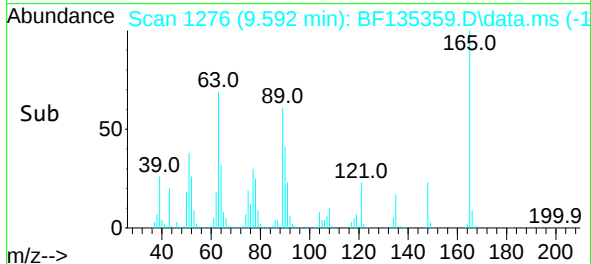
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



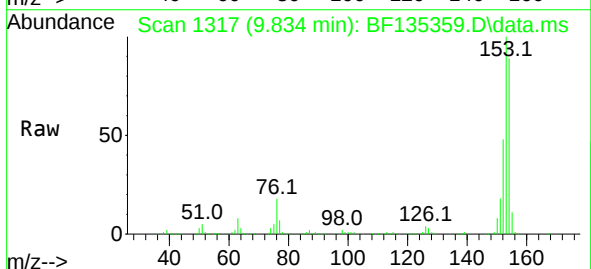
Tgt Ion:165 Resp: 16854
Ion Ratio Lower Upper
165 100
63 68.6 59.4 89.2
89 60.6 49.8 74.8

Manual Integrations
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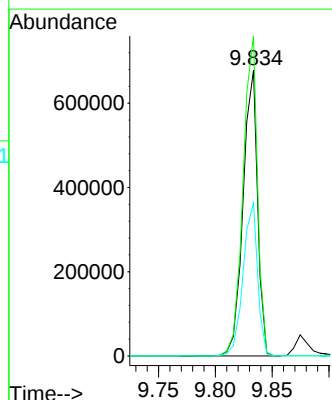
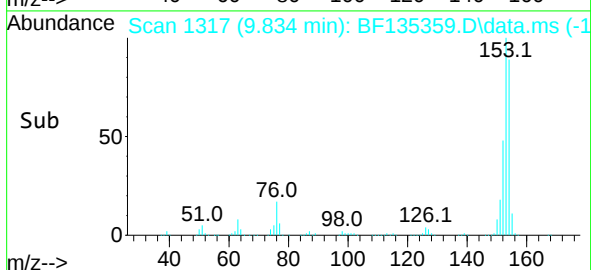
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

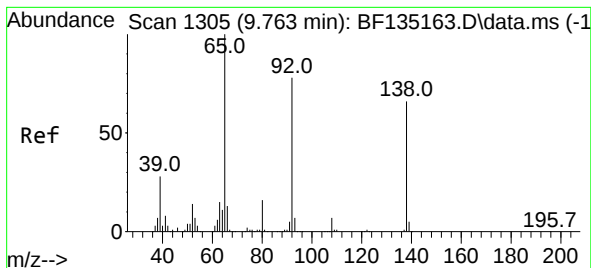


#52
Acenaphthene
Concen: 44.350 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:154 Resp: 603144
Ion Ratio Lower Upper
154 100
153 112.0 92.1 138.1
152 53.5 43.1 64.7





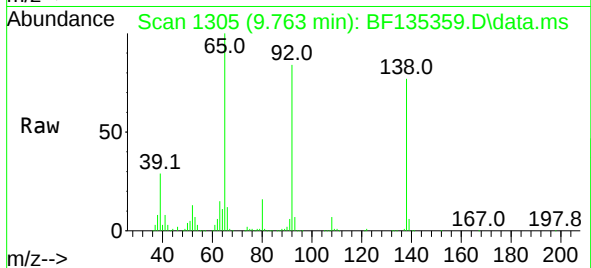
#53
3-Nitroaniline
Concen: 34.212 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

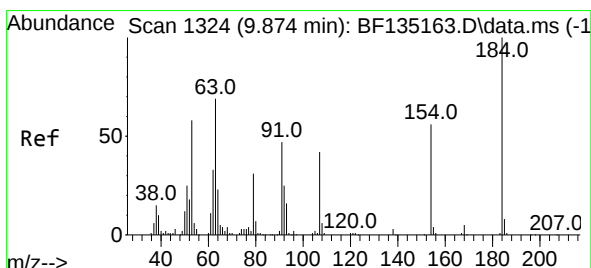
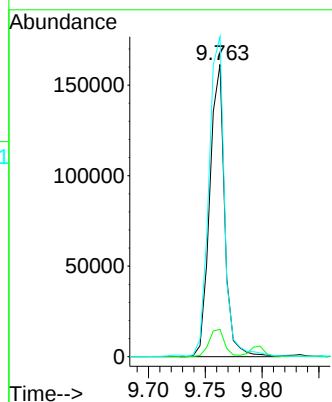
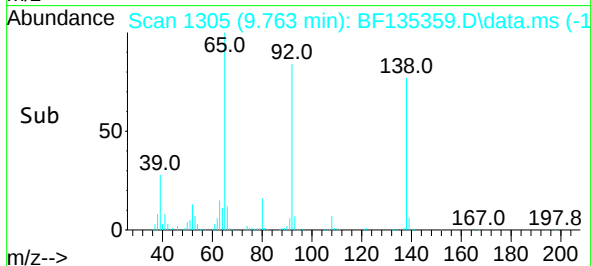


Tgt Ion:138 Resp: 147769
Ion Ratio Lower Upper
138 100
108 9.3 8.5 12.7
92 109.5 95.4 143.0

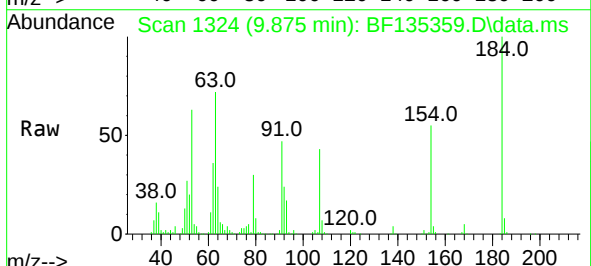
Manual Integrations

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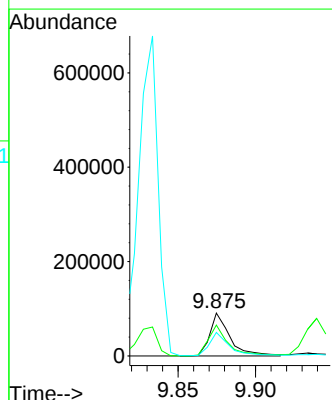
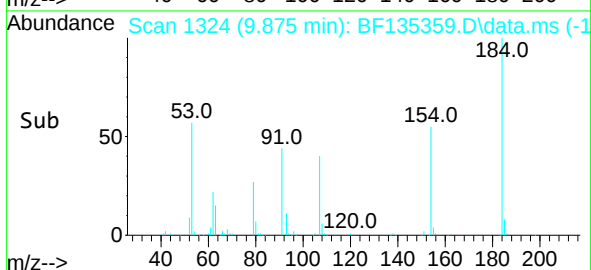
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

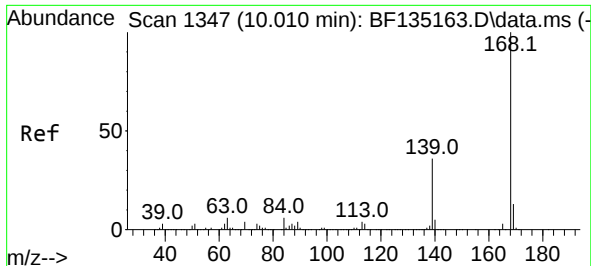


#54
2,4-Dinitrophenol
Concen: 42.375 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



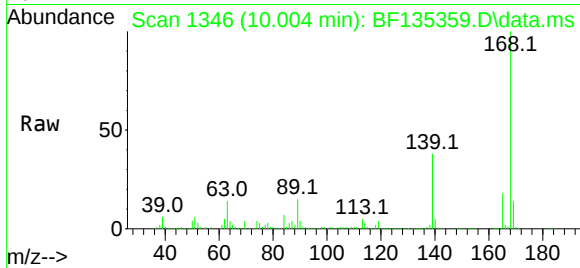
Tgt Ion:184 Resp: 81858
Ion Ratio Lower Upper
184 100
63 72.3 55.1 82.7
154 55.1 48.4 72.6





#55
Dibenzenofuran
Concen: 41.545 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

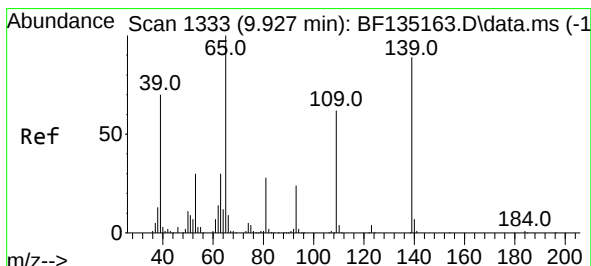
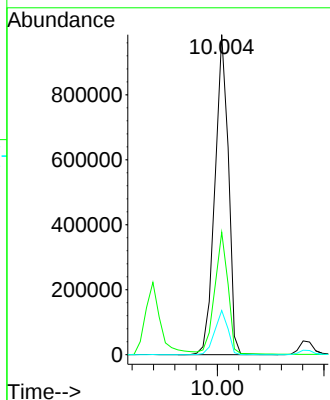
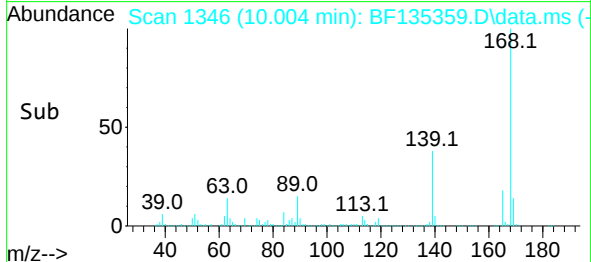
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



Tgt Ion:168 Resp: 862162
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.8 10.4 15.6

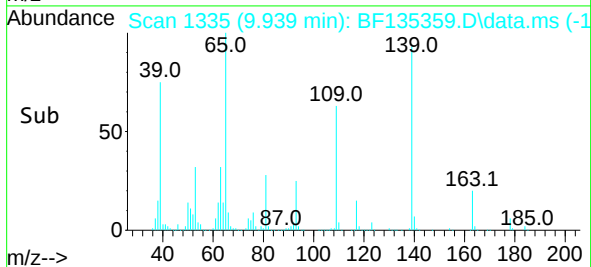
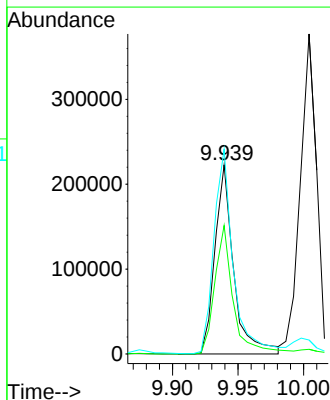
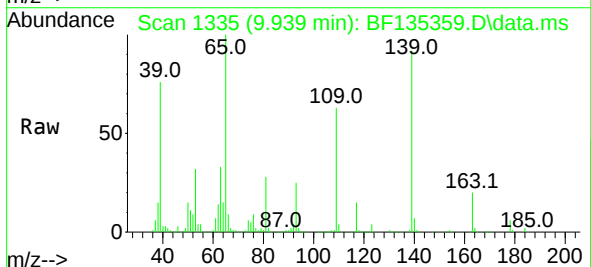
Manual Integrations
APPROVED

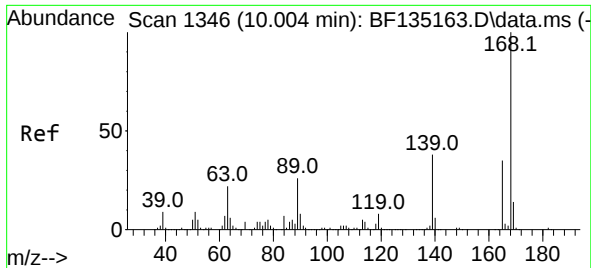
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#56
4-Nitrophenol
Concen: 80.772 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:139 Resp: 221723
Ion Ratio Lower Upper
139 100
109 67.9 49.8 89.8
65 108.3 92.7 132.7





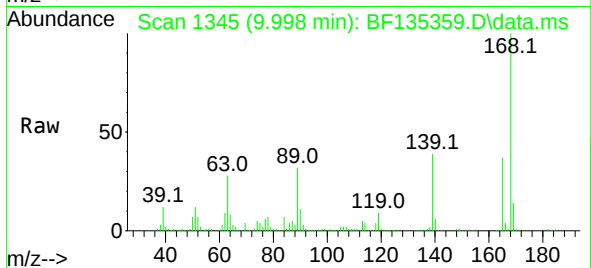
#57
2,4-Dinitrotoluene
Concen: 41.405 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS



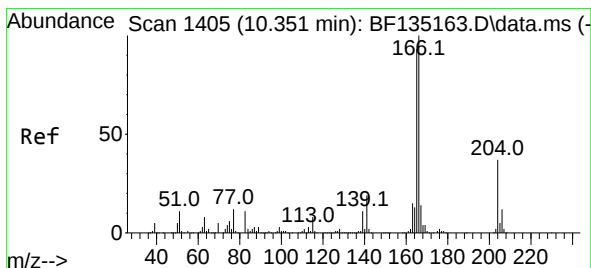
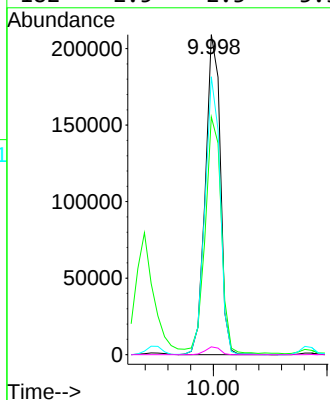
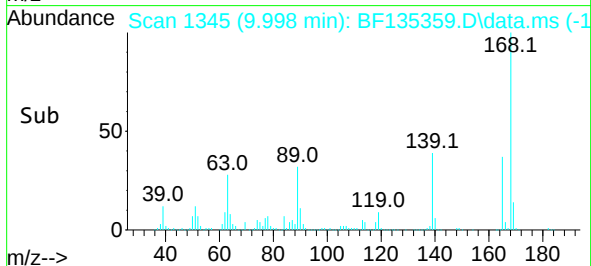
Tgt Ion:165 Resp: 190728
Ion Ratio Lower Upper
165 100
63 74.3 50.1 75.1
89 86.9 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

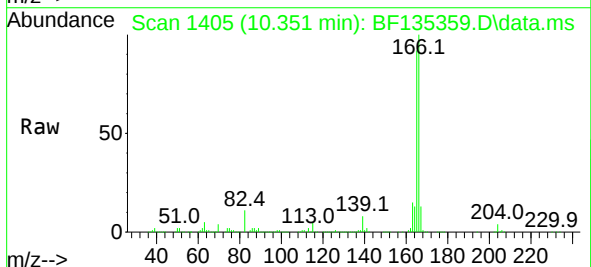
APPROVED

Reviewed By :Yogesh Patel 09/21/2023

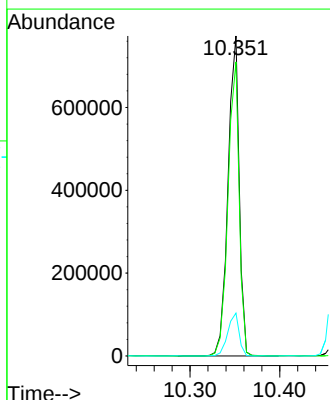
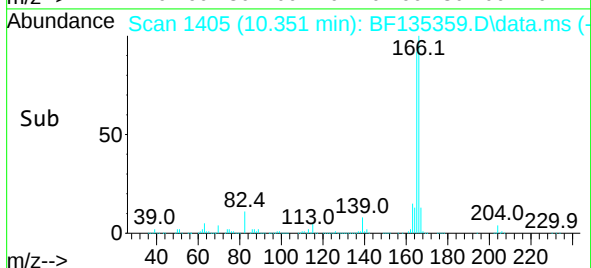
Supervised By :mohammad ahmed 09/21/2023

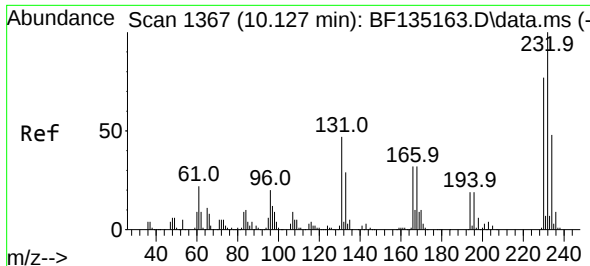


#58
Fluorene
Concen: 41.891 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



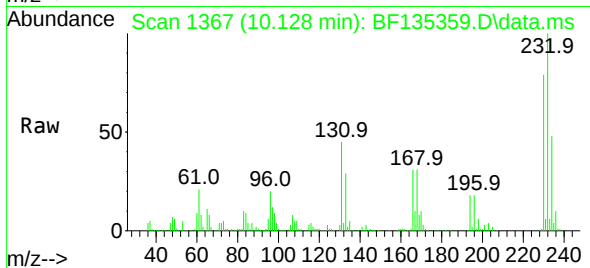
Tgt Ion:166 Resp: 668326
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.257 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

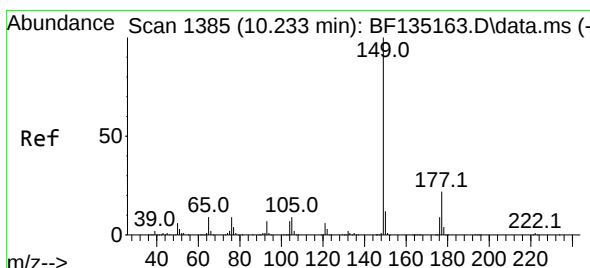
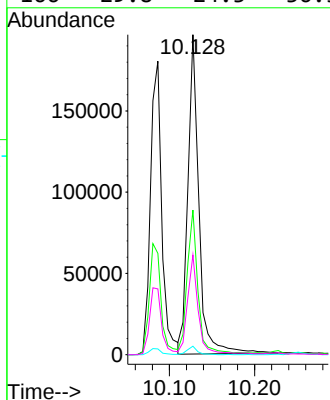
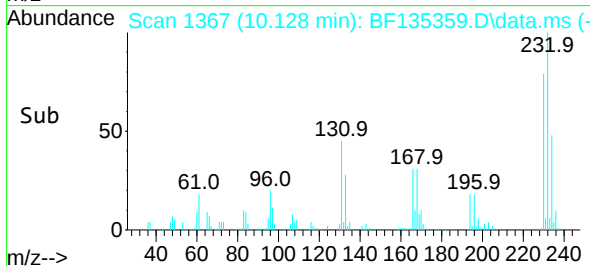
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



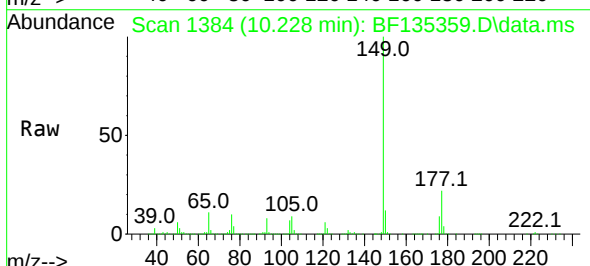
Tgt Ion:232 Resp: 176400
Ion Ratio Lower Upper
232 100
131 43.6 35.4 53.2
130 2.4 1.8 2.8
166 29.8 24.3 36.5

Manual Integrations
APPROVED

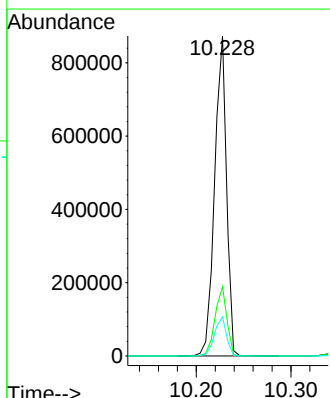
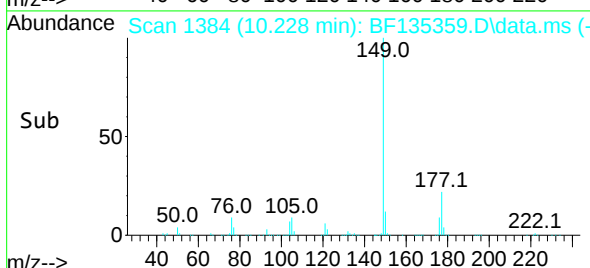
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

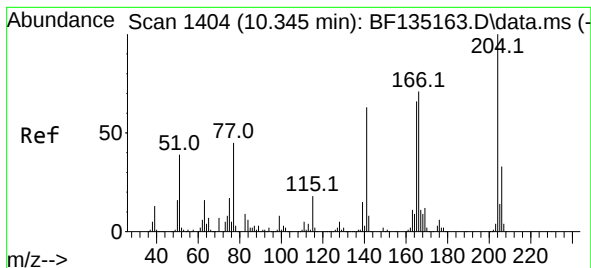


#60
Diethylphthalate
Concen: 45.078 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:149 Resp: 759870
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.2 10.0 15.0





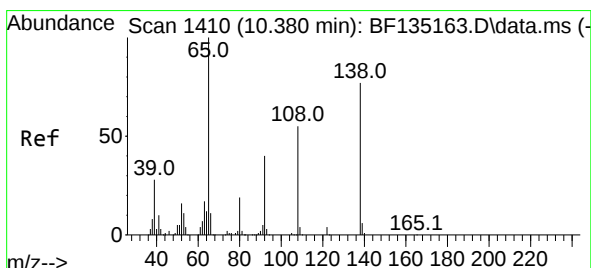
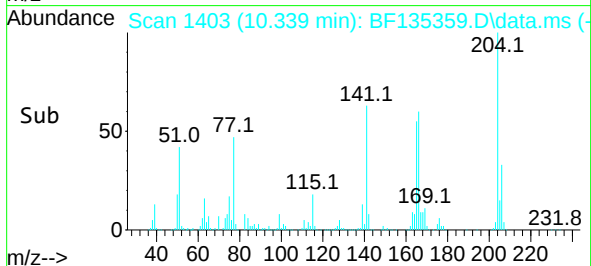
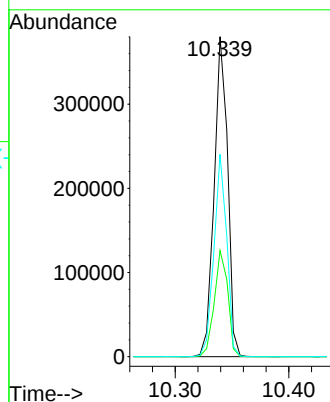
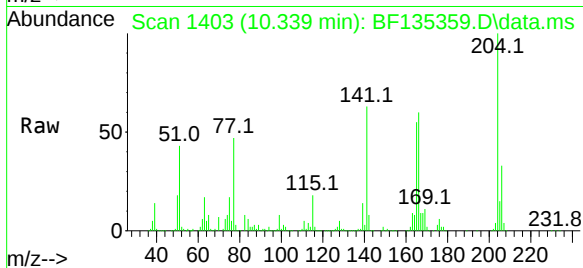
#61
4-Chlorophenyl-phenylether
Concen: 40.826 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :
BNA_F
ClientSampleId :
CPT101-02MS

Tgt Ion:204 Resp: 31288
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 63.3 50.6 75.8

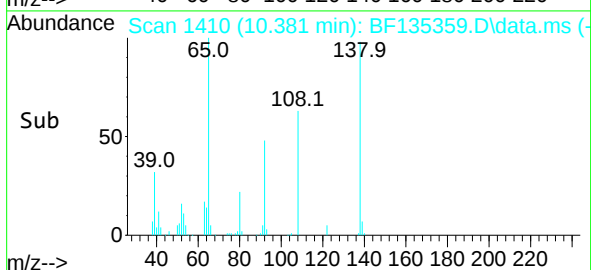
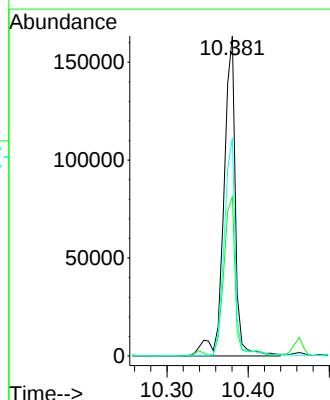
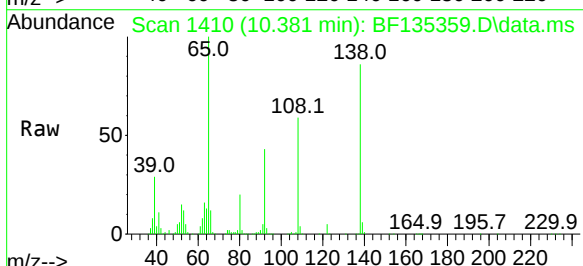
Manual Integrations
APPROVED

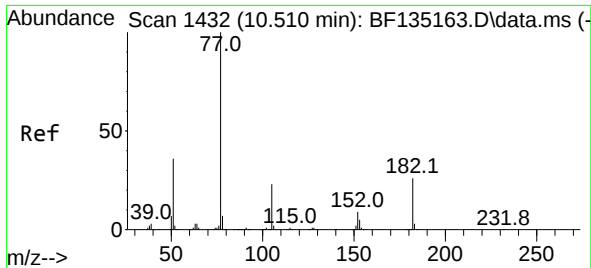
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#62
4-Nitroaniline
Concen: 39.273 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

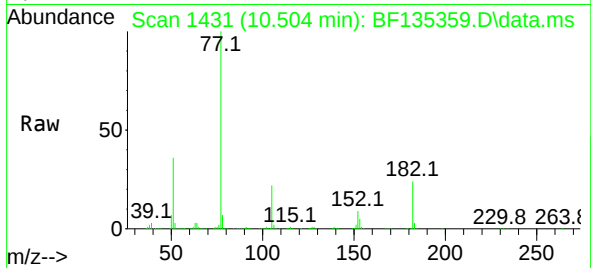
Tgt Ion:138 Resp: 163052
Ion Ratio Lower Upper
138 100
92 49.7 31.8 71.8
108 68.0 52.0 92.0





#63
Azobenzene
Concen: 44.937 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

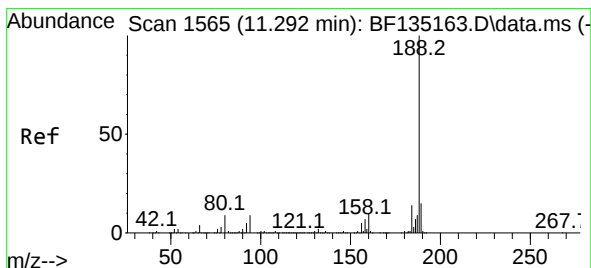
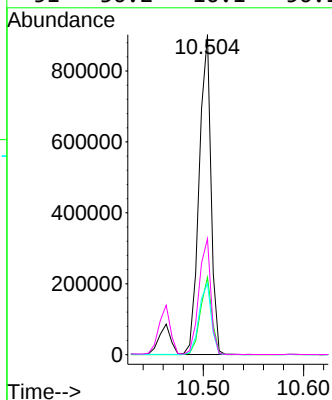
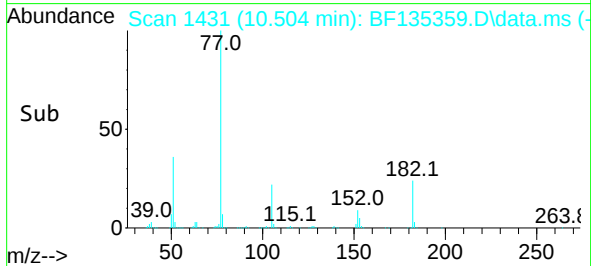
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



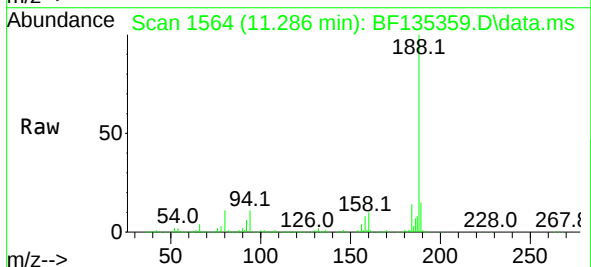
Tgt Ion: 77 Resp: 741349
Ion Ratio Lower Upper
77 100
182 24.2 6.4 46.4
105 22.4 3.1 43.1
51 36.2 16.1 56.1

Manual Integrations
APPROVED

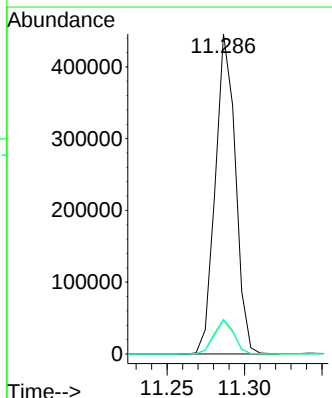
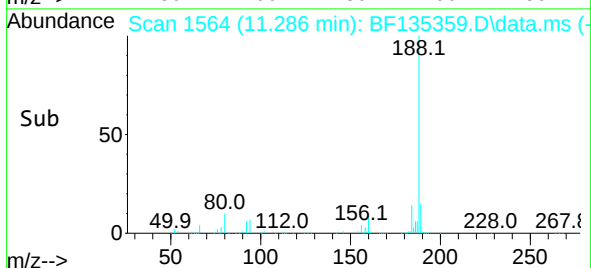
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

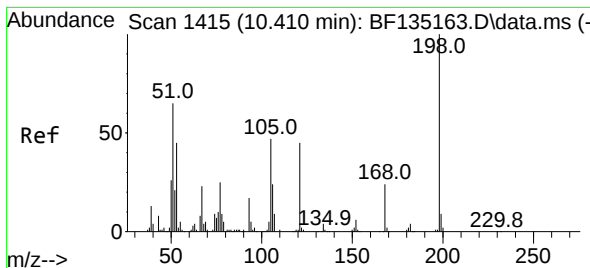


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:188 Resp: 403473
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.9 7.5 11.3





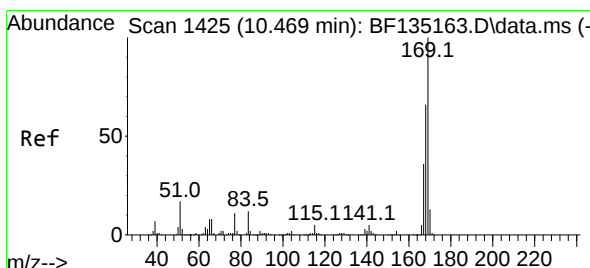
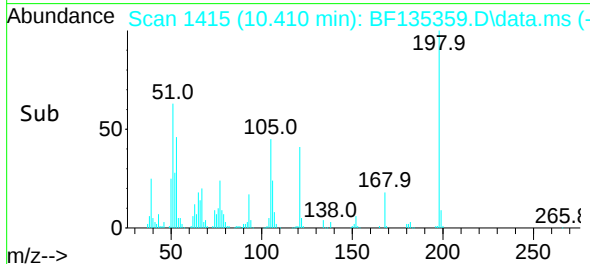
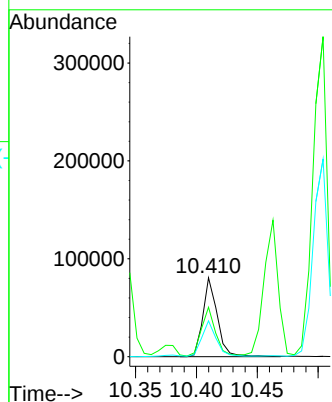
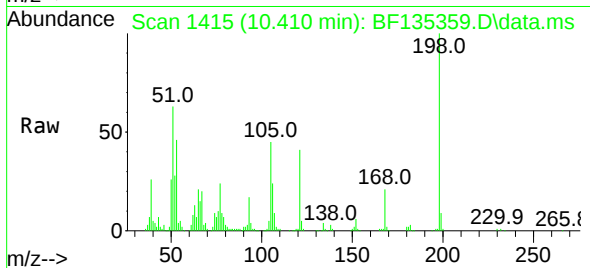
#65
4,6-Dinitro-2-methylphenol
Concen: 31.004 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :
BNA_F
ClientSampleId :
CPT101-02MS

Tgt Ion:198 Resp: 6644
Ion Ratio Lower Upper
198 100
51 62.7 47.7 87.7
105 45.4 27.4 67.4

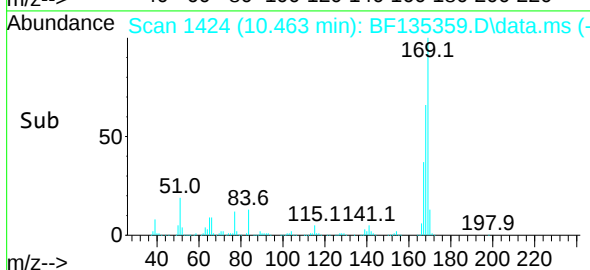
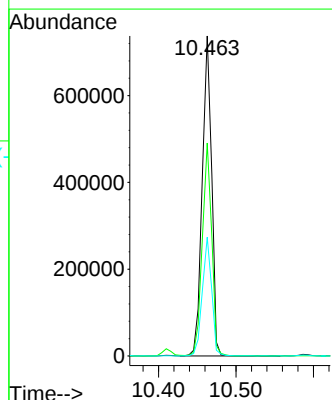
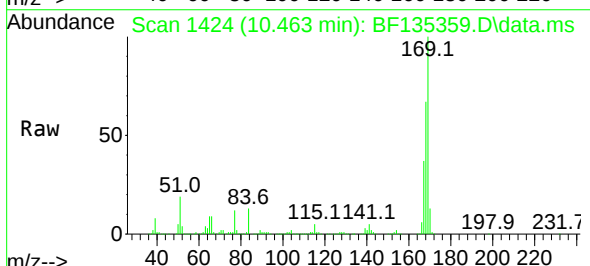
Manual Integrations
APPROVED

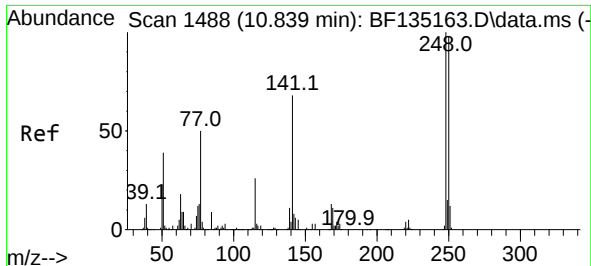
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#66
n-Nitrosodiphenylamine
Concen: 50.864 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:169 Resp: 621302
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 37.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.896 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

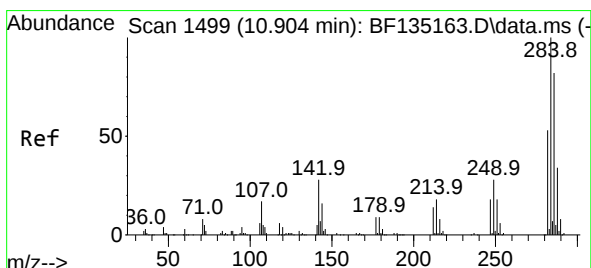
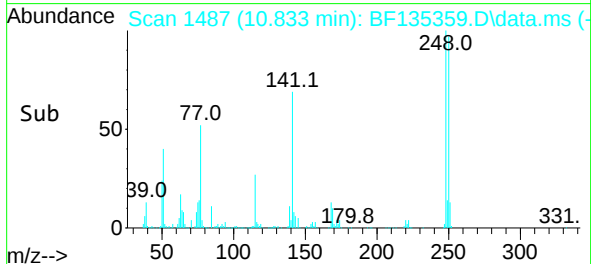
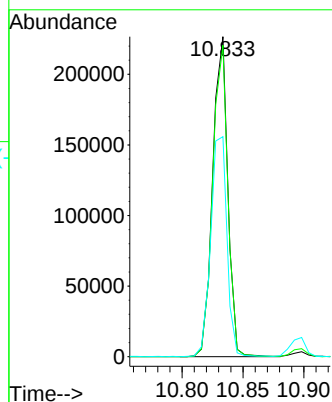
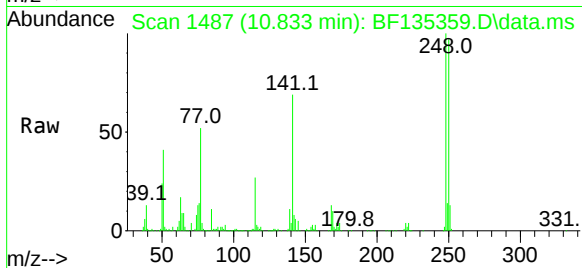
CPT101-02MS

Tgt Ion:248 Resp: 19621
Ion Ratio Lower Upper
248 100
250 97.3 78.6 117.8
141 68.8 54.2 81.2

Manual Integrations

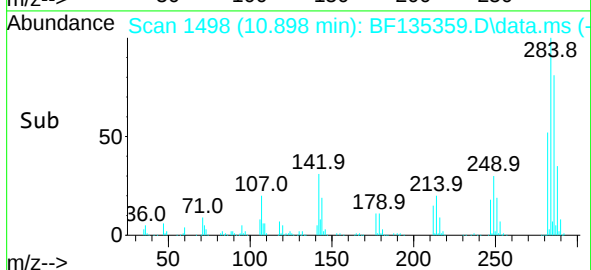
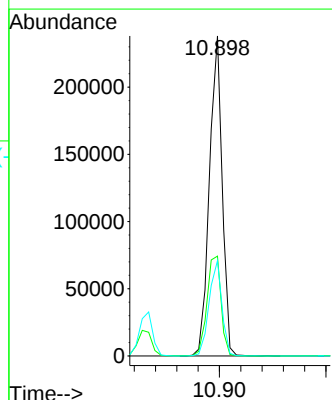
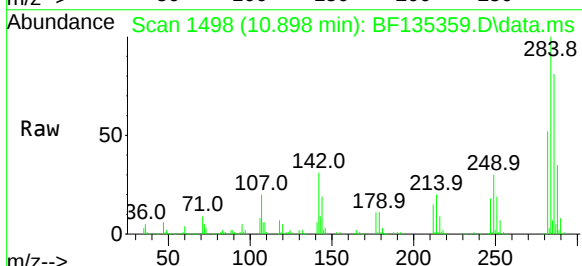
APPROVED

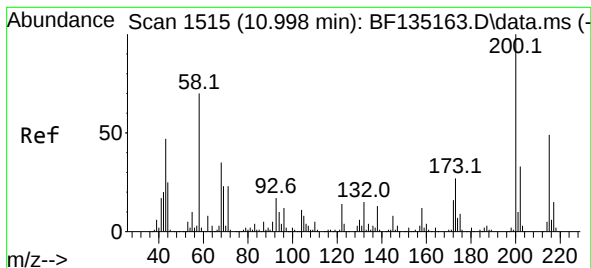
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#68
Hexachlorobenzene
Concen: 48.676 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:284 Resp: 198997
Ion Ratio Lower Upper
284 100
142 31.2 22.2 33.4
249 29.8 22.5 33.7





#69

Atrazine

Concen: 56.825 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:200 Resp: 18676

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

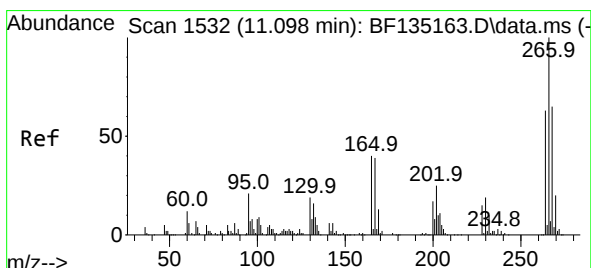
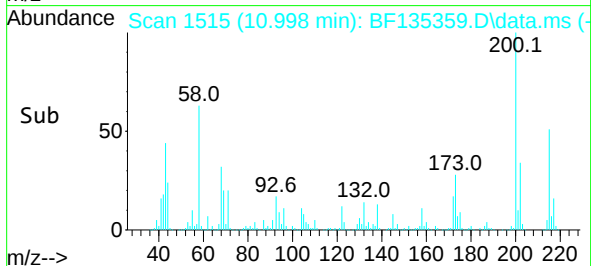
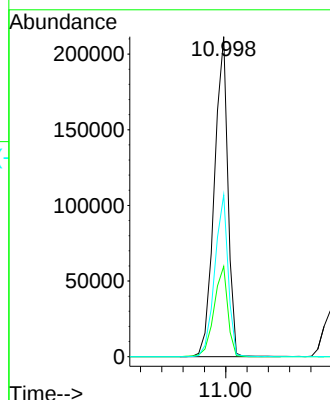
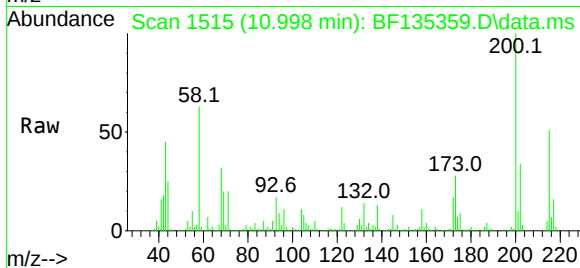
215 50.6 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#70

Pentachlorophenol

Concen: 71.225 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

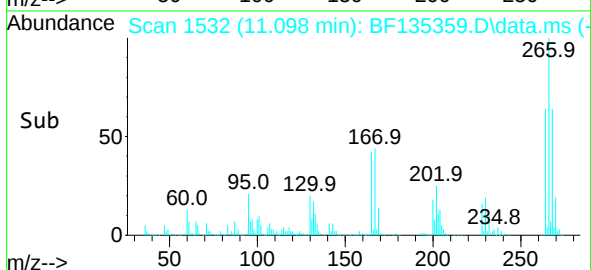
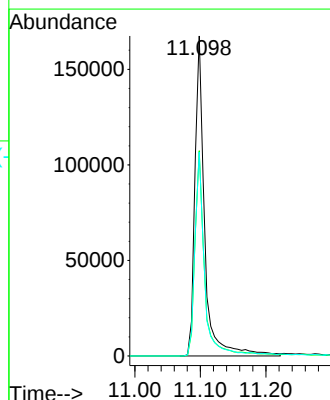
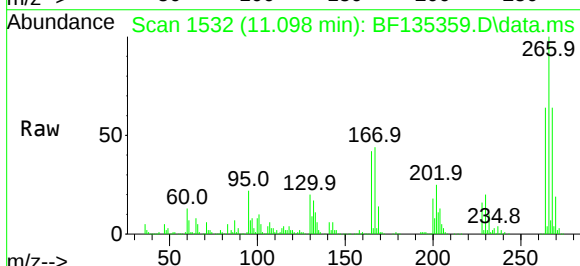
Tgt Ion:266 Resp: 174212

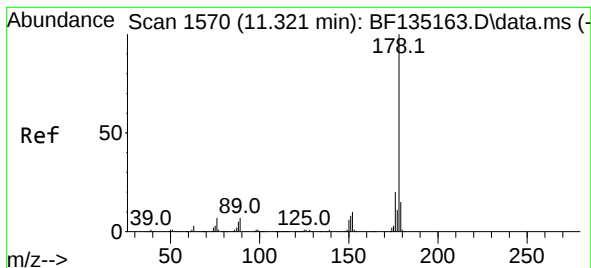
Ion Ratio Lower Upper

266 100

268 64.2 52.1 78.1

264 63.8 50.8 76.2





#71

Phenanthrene

Concen: 46.079 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:178 Resp: 87931

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

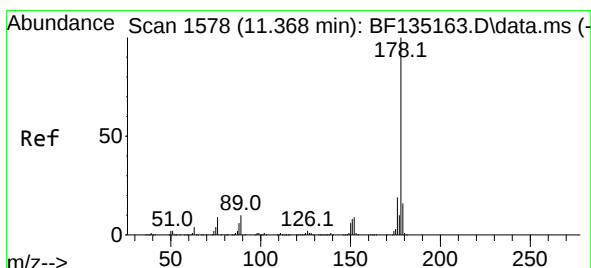
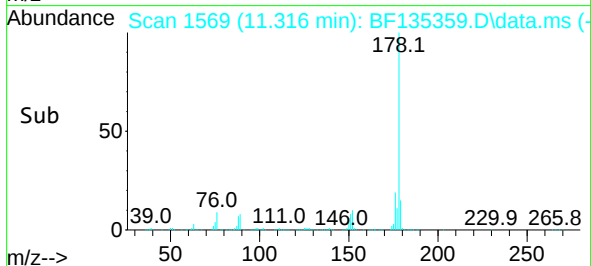
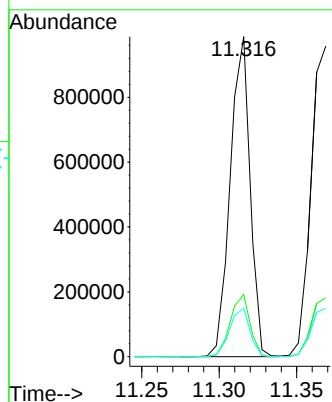
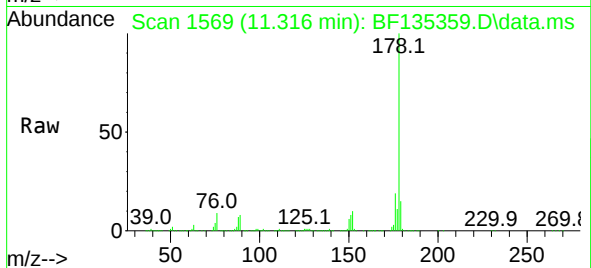
179 15.1 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#72

Anthracene

Concen: 44.913 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

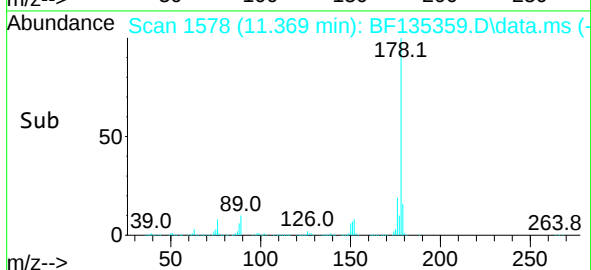
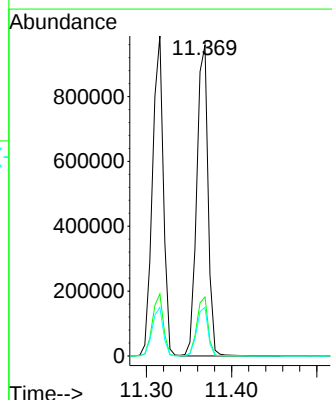
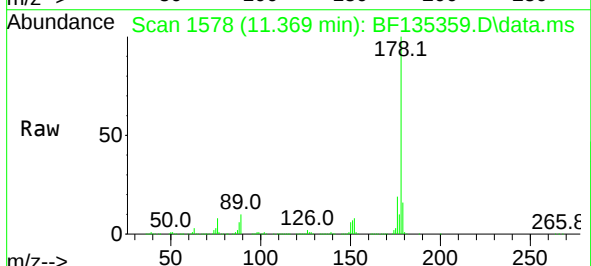
Tgt Ion:178 Resp: 880954

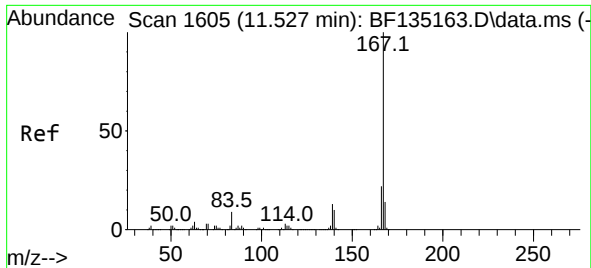
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

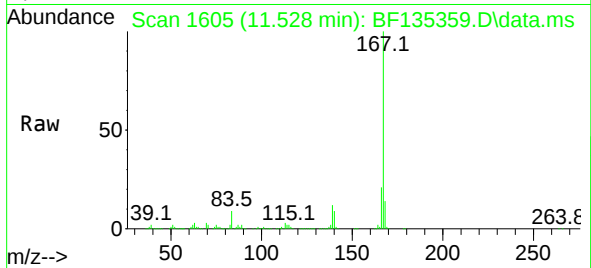
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 45.223 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04

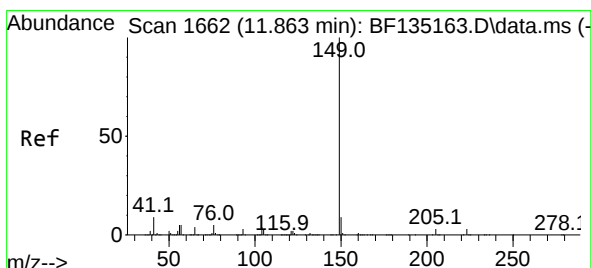
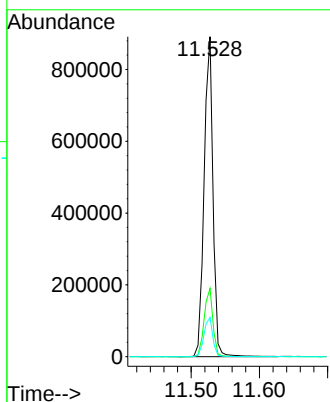
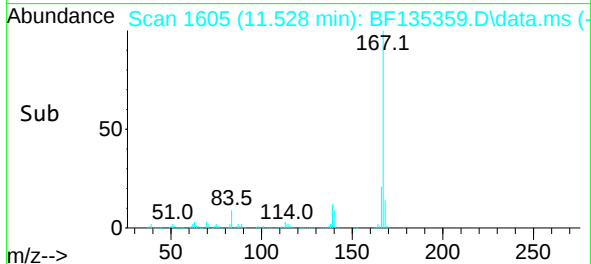
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02MS



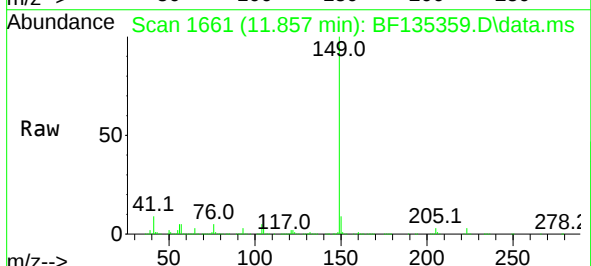
Tgt Ion:167 Resp: 807485
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.2 10.6 15.8

Manual Integrations
 APPROVED

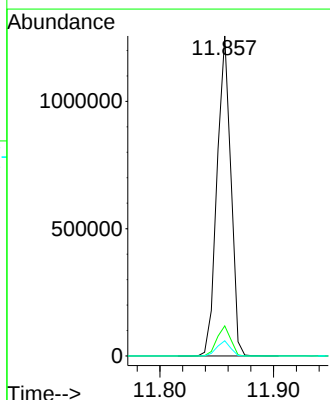
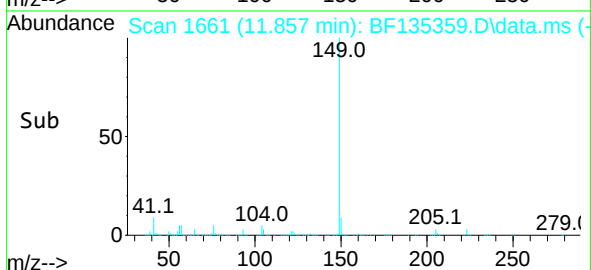
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

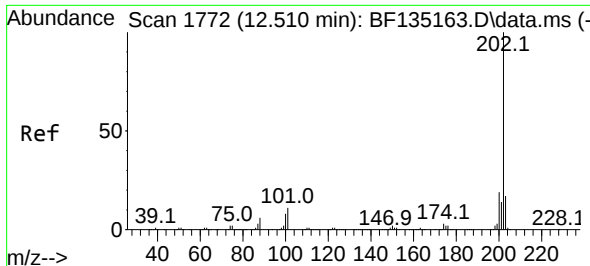


#74
 Di-n-butylphthalate
 Concen: 50.449 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04



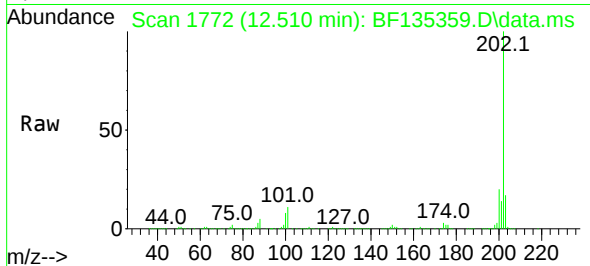
Tgt Ion:149 Resp: 1061471
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 41.281 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

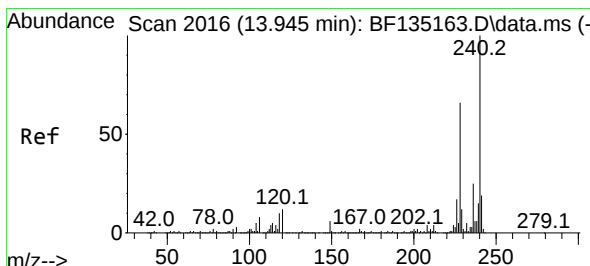
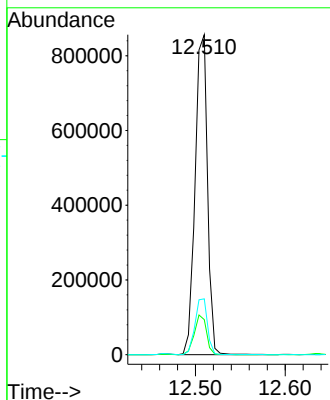
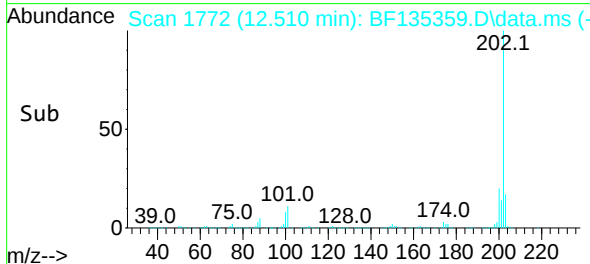
Instrument :
BNA_F
ClientSampleId :
CPT101-02MS



Tgt Ion:202 Resp: 820825
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 17.5 0.0 37.4

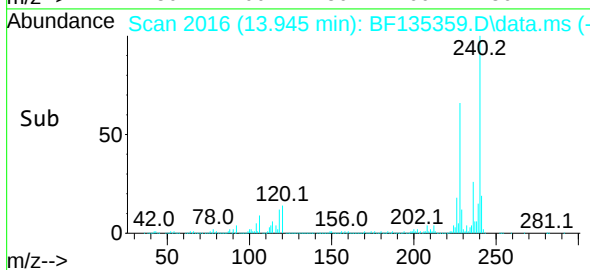
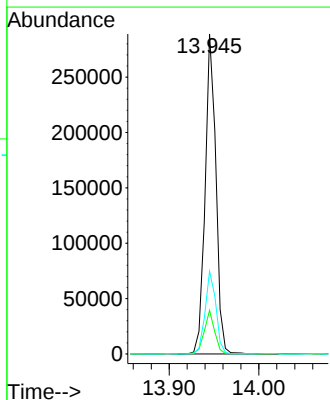
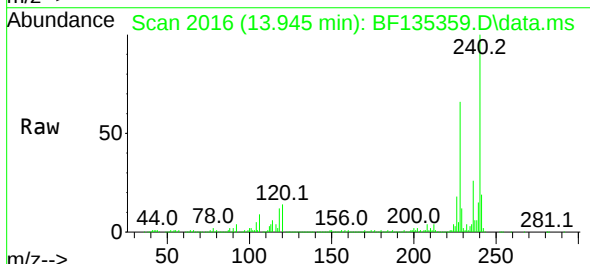
Manual Integrations
APPROVED

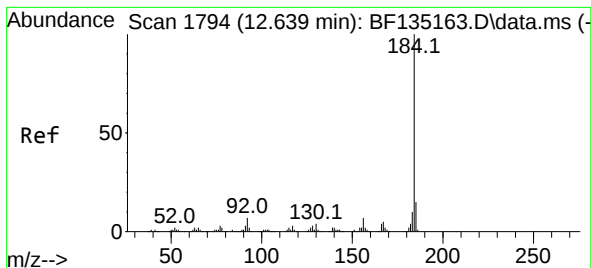
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:240 Resp: 240908
Ion Ratio Lower Upper
240 100
120 13.7 9.4 14.2
236 25.9 19.8 29.8





#77

Benzidine

Concen: 86.785 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:184 Resp: 42832

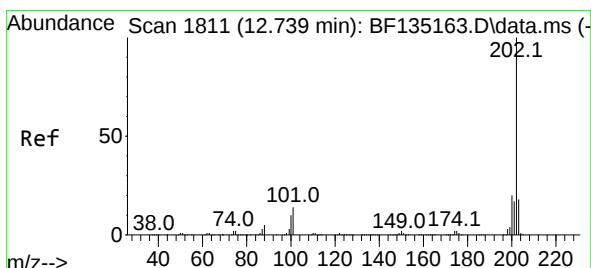
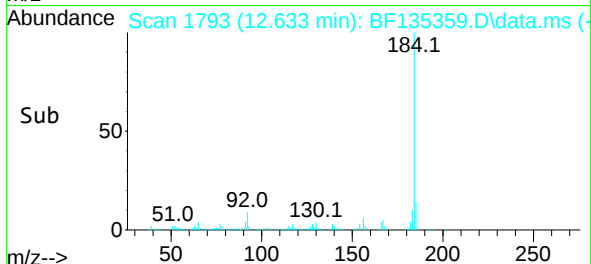
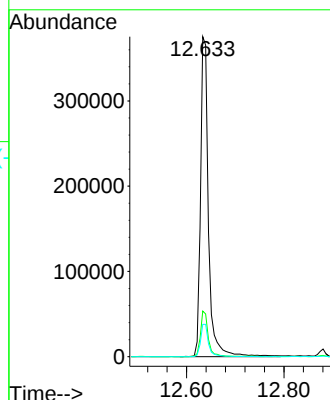
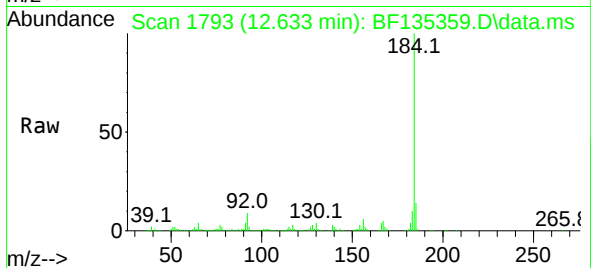
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#78

Pyrene

Concen: 36.479 ng

RT: 12.739 min Scan# 1811

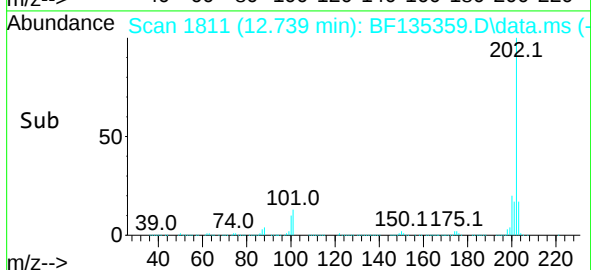
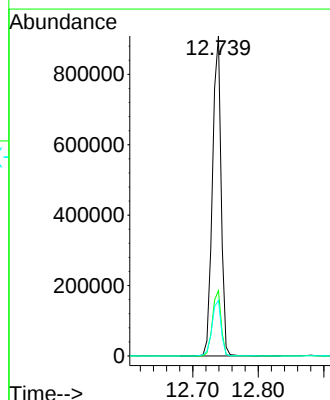
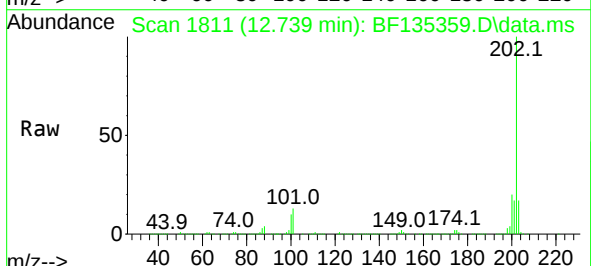
Delta R.T. 0.000 min

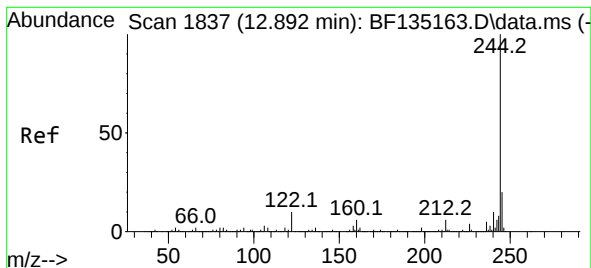
Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Tgt Ion:202 Resp: 836697

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.4	14.2	21.4





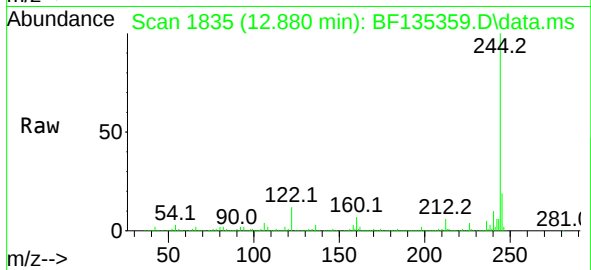
#79
 Terphenyl-d14
 Concen: 37.415 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

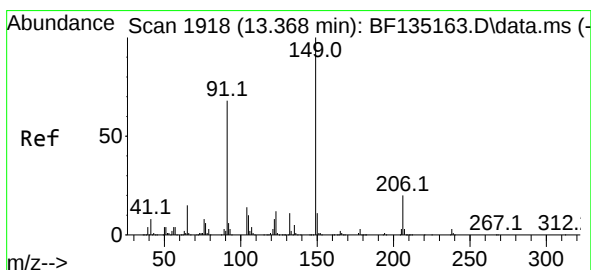
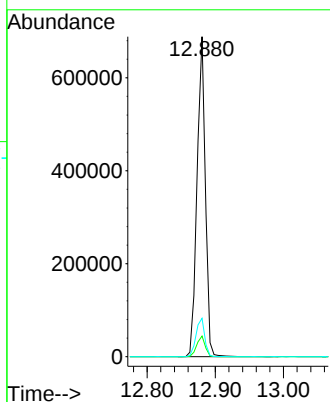
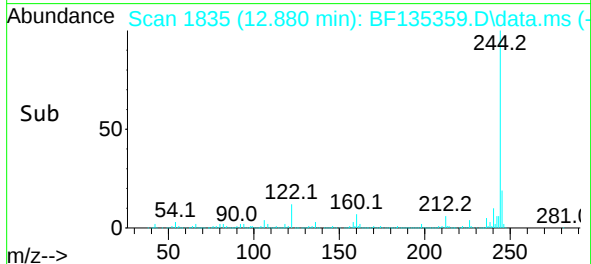


Tgt Ion:244 Resp: 58144
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.0 7.9 11.9

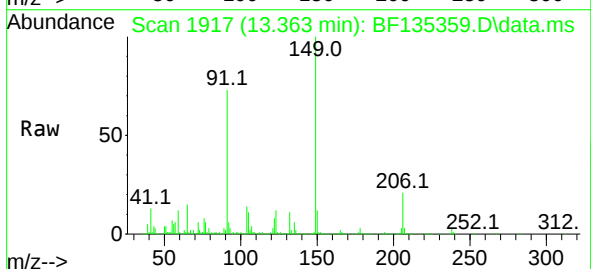
Manual Integrations

APPROVED

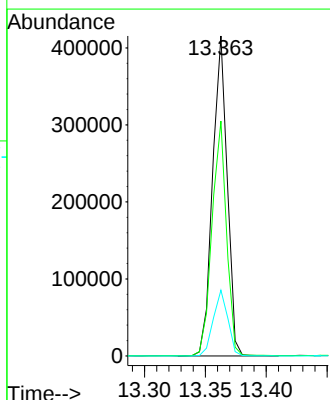
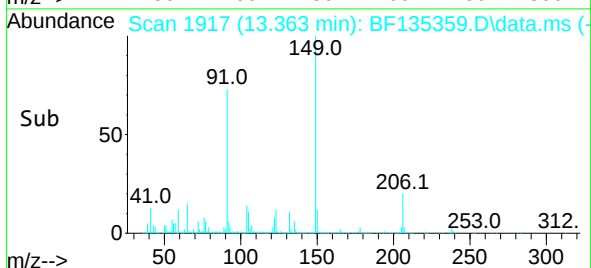
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

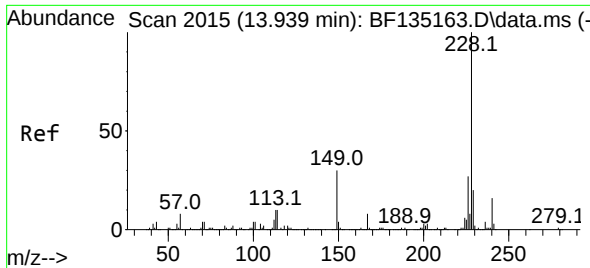


#80
 Butylbenzylphthalate
 Concen: 43.087 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135359.D
 Acq: 20 Sep 2023 16:04



Tgt Ion:149 Resp: 347948
 Ion Ratio Lower Upper
 149 100
 91 73.4 54.7 82.1
 206 20.5 16.3 24.5





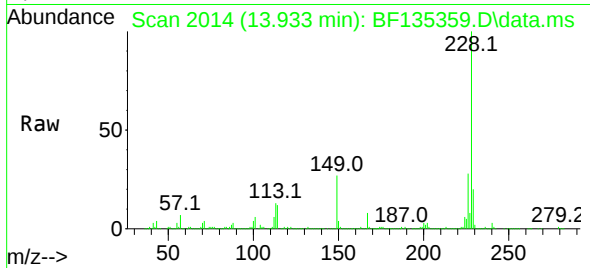
#81
Benzo(a)anthracene
Concen: 46.216 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS



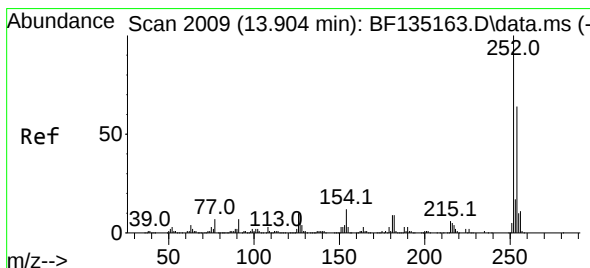
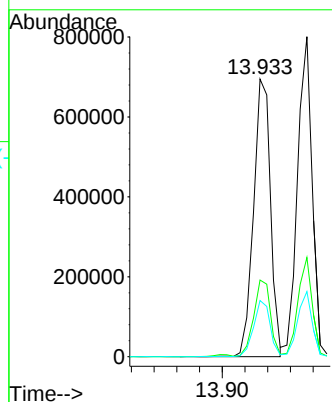
Tgt Ion:228 Resp: 71894
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.3 15.8 23.8

Manual Integrations

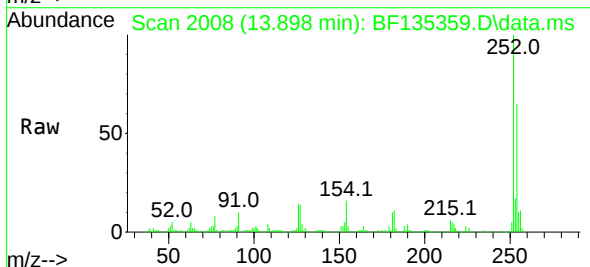
APPROVED

Reviewed By :Yogesh Patel 09/21/2023

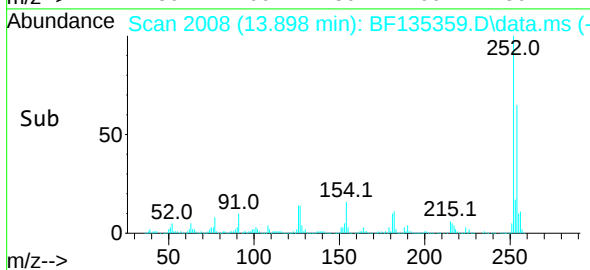
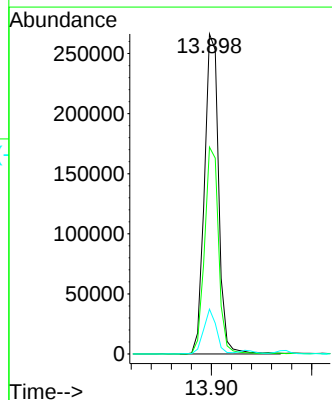
Supervised By :mohammad ahmed 09/21/2023

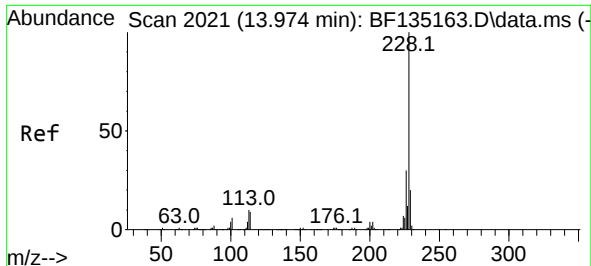


#82
3,3'-Dichlorobenzidine
Concen: 54.176 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:252 Resp: 263242
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 14.0 7.8 11.8





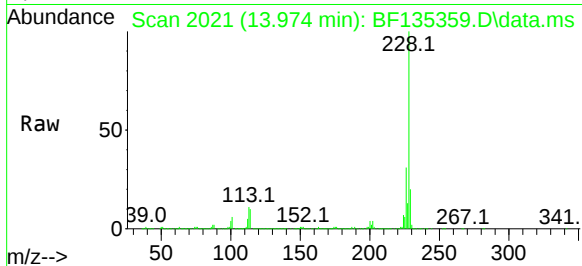
#83
Chrysene
Concen: 46.395 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

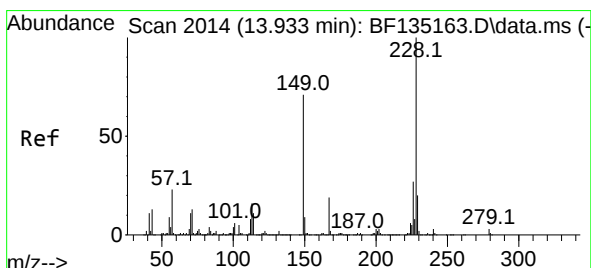
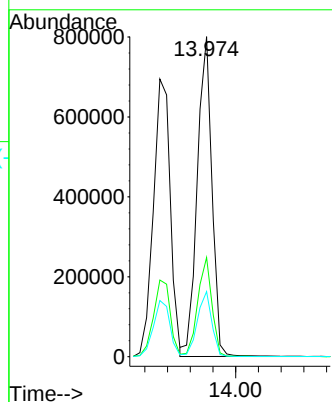
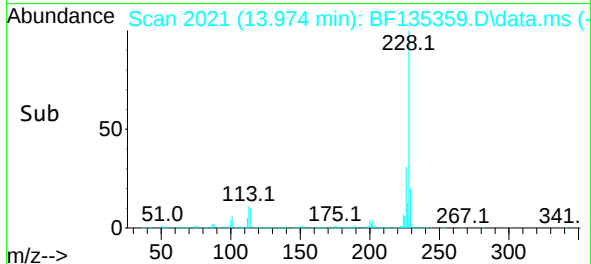


Tgt Ion:228 Resp: 71756
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.4 16.0 24.0

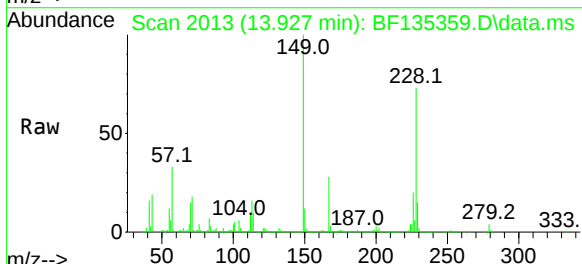
Manual Integrations

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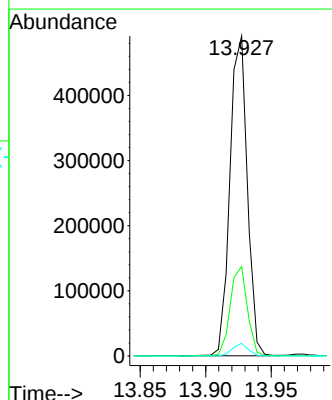
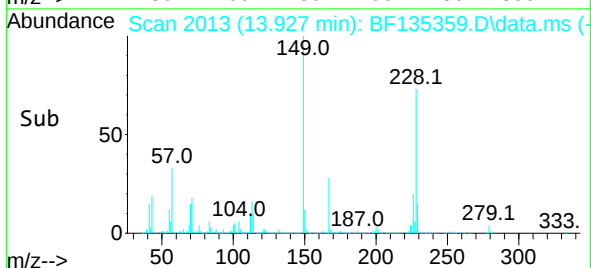
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

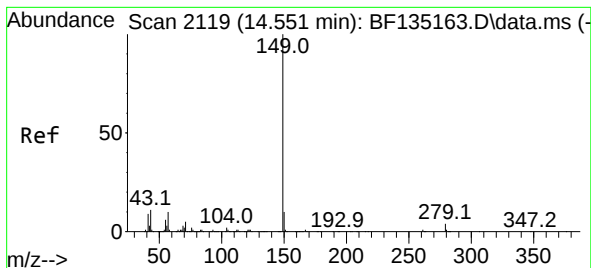


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.508 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04



Tgt Ion:149 Resp: 451698
Ion Ratio Lower Upper
149 100
167 28.0 21.9 32.9
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 66.486 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:149 Resp: 875570

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

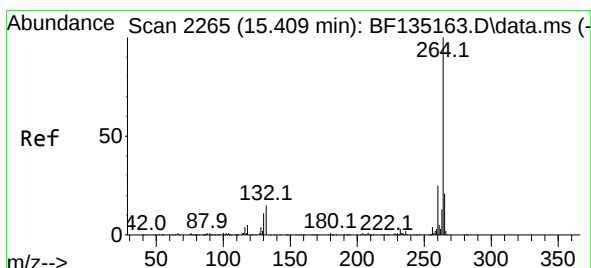
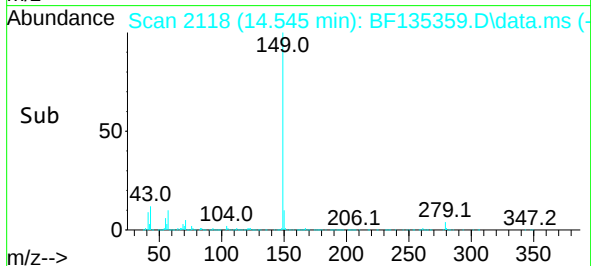
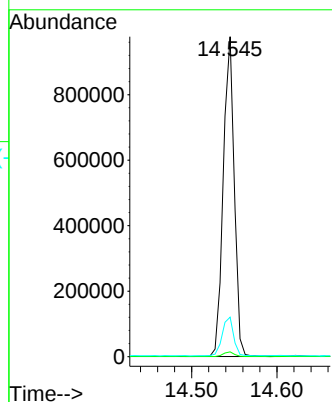
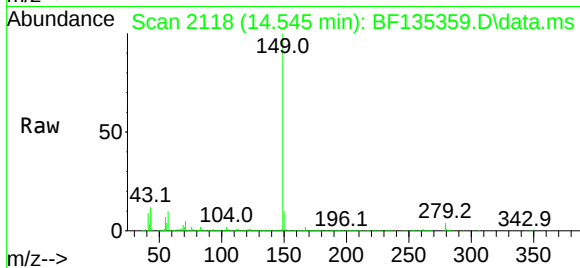
43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

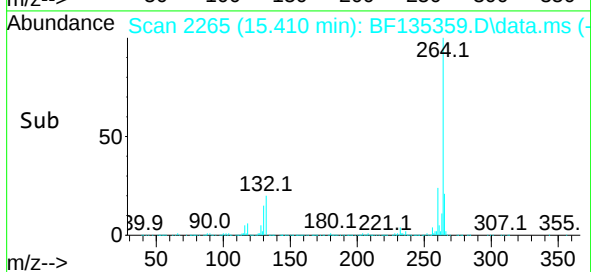
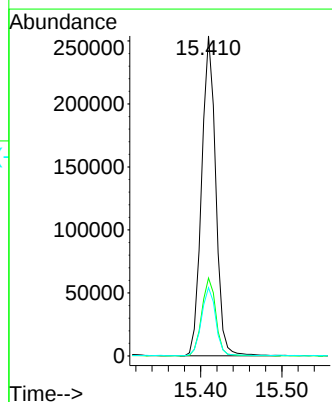
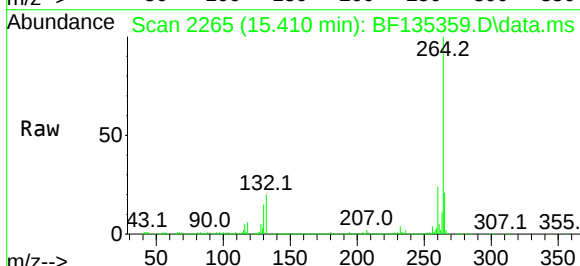
Tgt Ion:264 Resp: 306222

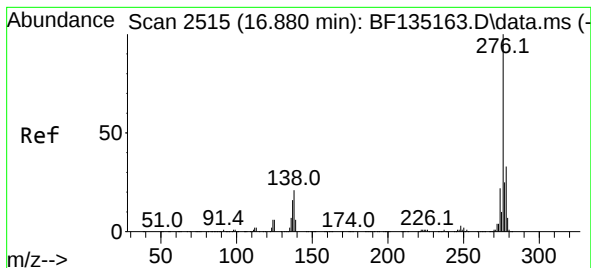
Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.491 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.018 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:276 Resp: 712579

Ion Ratio Lower Upper

276 100

138 26.7 19.2 28.8

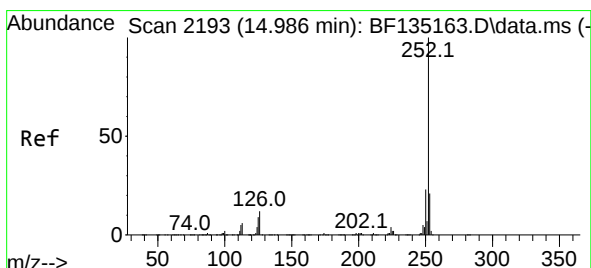
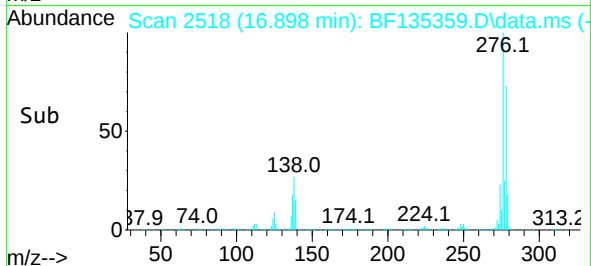
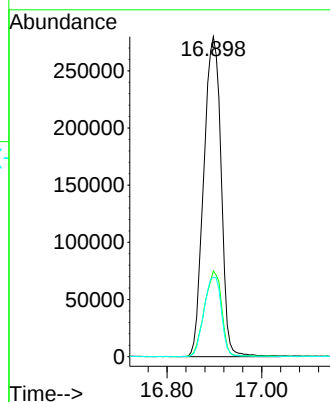
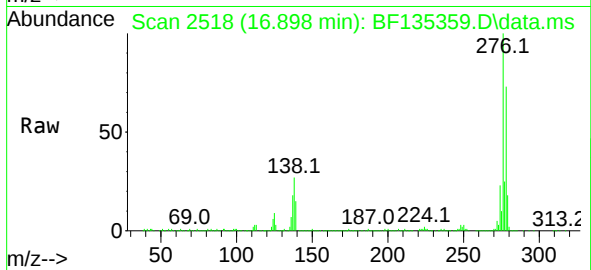
277 25.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#88

Benzo(b)fluoranthene

Concen: 51.124 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

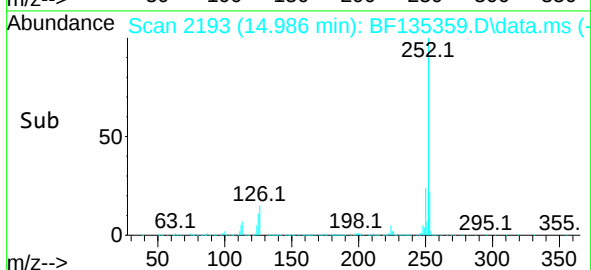
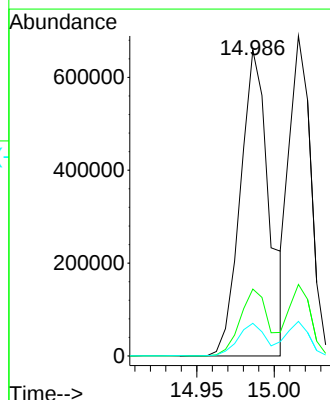
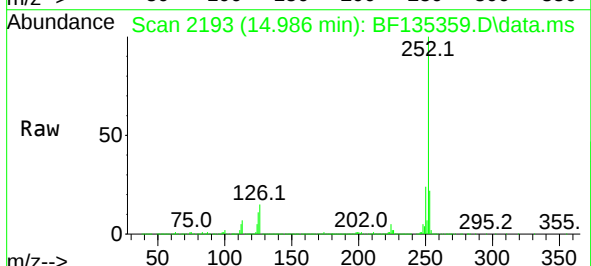
Tgt Ion:252 Resp: 847476

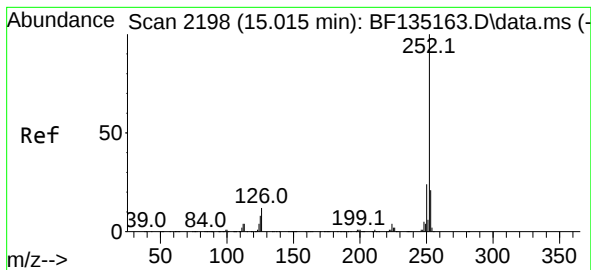
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 10.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 40.860 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

ClientSampleId :

CPT101-02MS

Tgt Ion:252 Resp: 669070

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

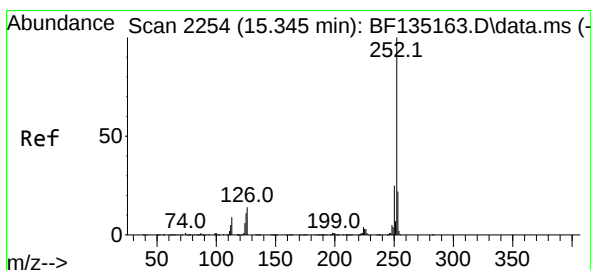
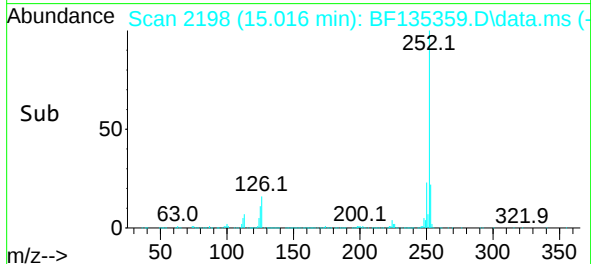
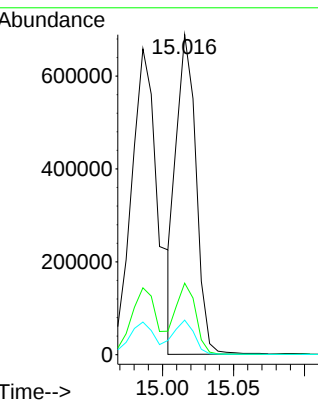
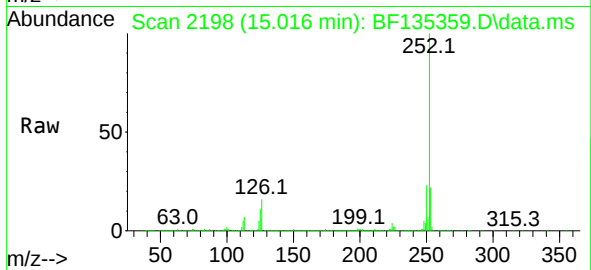
125 10.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#90

Benzo(a)pyrene

Concen: 43.963 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135359.D

Acq: 20 Sep 2023 16:04

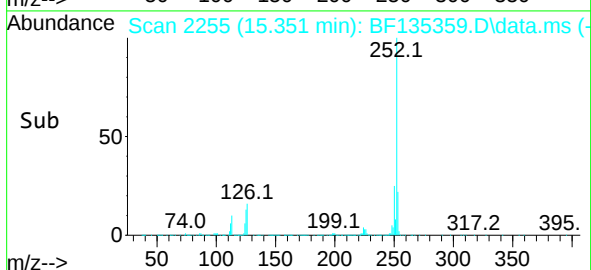
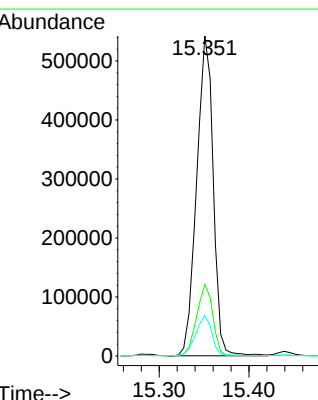
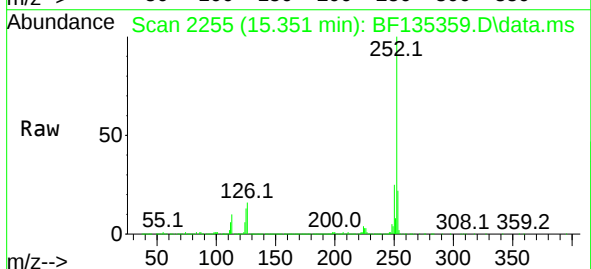
Tgt Ion:252 Resp: 694983

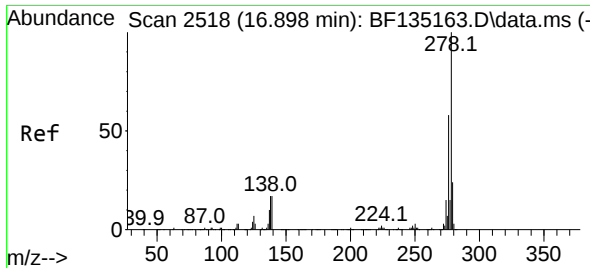
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 12.7 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 35.781 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Instrument :

BNA_F

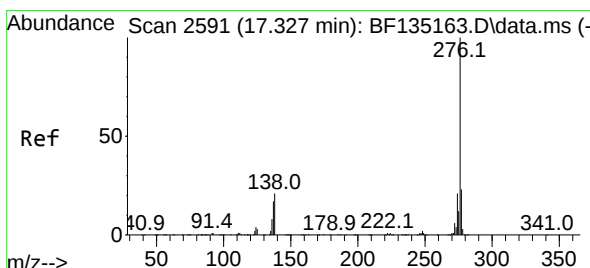
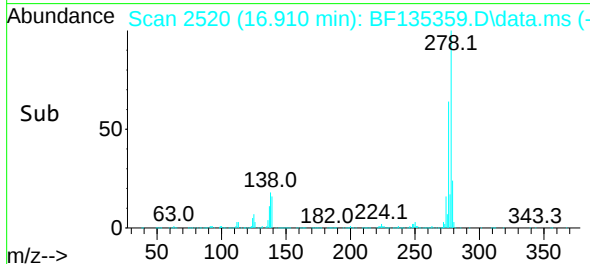
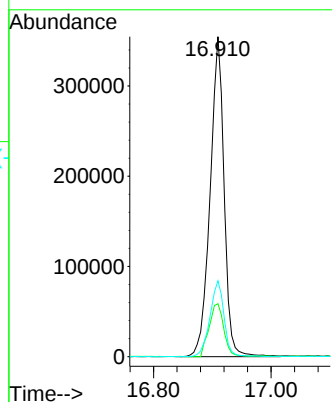
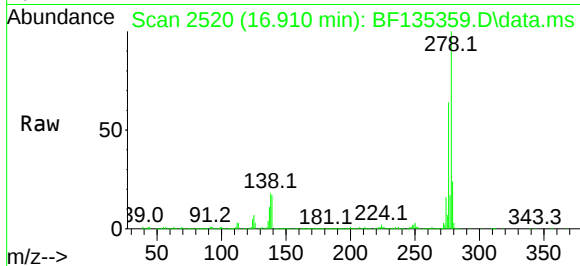
ClientSampleId :

CPT101-02MS

Tgt Ion:278 Resp: 587814
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#92
Benzo(g,h,i)perylene
Concen: 31.353 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135359.D
Acq: 20 Sep 2023 16:04

Tgt Ion:276 Resp: 537925
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 23.7 16.9 25.3

