

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135360.D
 Acq On : 20 Sep 2023 16:36
 Operator : CG\JU
 Sample : 04351-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02MSD

Quant Time: Sep 21 01:51:18 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	153586	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	567657	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	259352	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	406362	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	255052	20.000	ng	0.00
86) Perylene-d12	15.410	264	329340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	557104	58.996	ng	0.01
7) Phenol-d6	6.404	99	779767	64.941	ng	0.00
23) Nitrobenzene-d5	7.322	82	485212	46.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	94260	36.573	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	810246	47.134	ng	-0.01
79) Terphenyl-d14	12.880	244	579552	35.225	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	176839	42.719	ng	97
3) Pyridine	3.305	79	439175	39.418	ng	98
4) n-Nitrosodimethylamine	3.281	42	279705	47.310	ng	99
6) Aniline	6.428	93	442979	28.133	ng	# 89
8) 2-Chlorophenol	6.545	128	451685	44.808	ng	99
9) Benzaldehyde	6.310	77	177244	25.912	ng	97
10) Phenol	6.422	94	526248	39.968	ng	85
11) bis(2-Chloroethyl)ether	6.498	93	436819	44.229	ng	99
12) 1,3-Dichlorobenzene	6.698	146	447983	43.728	ng	98
13) 1,4-Dichlorobenzene	6.775	146	451156	43.285	ng	98
14) 1,2-Dichlorobenzene	6.928	146	426095	44.021	ng	97
15) Benzyl Alcohol	6.910	79	360883	41.884	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	819756	44.035	ng	95
17) 2-Methylphenol	7.022	107	347567	39.072	ng	97
18) Hexachloroethane	7.263	117	167062	43.379	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	274425	36.898	ng	93
20) 3+4-Methylphenols	7.175	107	384597	35.955	ng	93
22) Acetophenone	7.169	105	545839	42.058	ng	# 96
24) Nitrobenzene	7.345	77	457928	44.342	ng	97
25) Isophorone	7.581	82	832738	43.403	ng	98
26) 2-Nitrophenol	7.657	139	228761	46.154	ng	97
27) 2,4-Dimethylphenol	7.704	122	336468	40.386	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	514800	44.830	ng	99
29) 2,4-Dichlorophenol	7.904	162	335711	43.486	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	354294	43.908	ng	100
31) Naphthalene	8.063	128	1167782	42.340	ng	100
32) Benzoic acid	7.840	122	246238	39.250	ng	99
33) 4-Chloroaniline	8.116	127	272626	22.529	ng	98
34) Hexachlorobutadiene	8.175	225	203209	41.765	ng	99
35) Caprolactam	8.498	113	116682m	45.035	ng	
36) 4-Chloro-3-methylphenol	8.610	107	364400	42.471	ng	97
37) 2-Methylnaphthalene	8.751	142	716602	38.652	ng	98
38) 1-Methylnaphthalene	8.851	142	683349	39.369	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	333555	44.393	ng	99
41) Hexachlorocyclopentadiene	8.898	237	123362	41.206	ng	96
43) 2,4,6-Trichlorophenol	9.039	196	221989	45.124	ng	98

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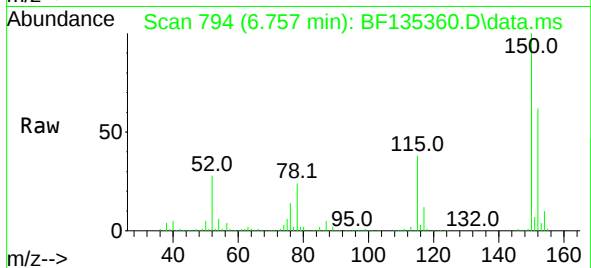
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	241937	42.705	ng	98
46) 1,1'-Biphenyl	9.222	154	872897	43.796	ng	99
47) 2-Chloronaphthalene	9.245	162	655132	45.303	ng	100
48) 2-Nitroaniline	9.345	65	256418	45.642	ng	96
49) Acenaphthylene	9.657	152	1042638	43.383	ng	99
50) Dimethylphthalate	9.528	163	781594	44.574	ng	100
51) 2,6-Dinitrotoluene	9.592	165	169539	44.136	ng	91
52) Acenaphthene	9.834	154	603655	42.519	ng	97
53) 3-Nitroaniline	9.763	138	148287	32.887	ng	90
54) 2,4-Dinitrophenol	9.875	184	89473	44.073	ng	94
55) Dibenzofuran	10.004	168	852645	39.356	ng	98
56) 4-Nitrophenol	9.939	139	217811	76.005	ng	97
57) 2,4-Dinitrotoluene	9.998	165	186455	38.772	ng	85
58) Fluorene	10.351	166	658717	39.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	173091	39.718	ng	99
60) Diethylphthalate	10.228	149	751513	42.705	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	311876	38.981	ng	98
62) 4-Nitroaniline	10.381	138	159547	36.810	ng	94
63) Azobenzene	10.504	77	728289	42.286	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	70218	32.534	ng	93
66) n-Nitrosodiphenylamine	10.463	169	617261	50.174	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	192191	47.554	ng	97
68) Hexachlorobenzene	10.898	284	194555	47.252	ng	97
69) Atrazine	10.998	200	184558	55.754	ng	98
70) Pentachlorophenol	11.098	266	171418	69.584	ng	97
71) Phenanthrene	11.316	178	862380	44.871	ng	100
72) Anthracene	11.363	178	875135	44.299	ng	100
73) Carbazole	11.528	167	792228	44.053	ng	99
74) Di-n-butylphthalate	11.857	149	1031244	48.664	ng	99
75) Fluoranthene	12.504	202	810402	40.467	ng	98
77) Benzidine	12.633	184	423815	81.110	ng	99
78) Pyrene	12.733	202	840748	34.623	ng	99
80) Butylbenzylphthalate	13.363	149	351759	41.143	ng	100
81) Benzo(a)anthracene	13.933	228	734864	44.620	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	276619	53.772	ng	# 97
83) Chrysene	13.974	228	733564	44.800	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	460205	52.455	ng	# 99
85) Di-n-octyl phthalate	14.545	149	901512	64.659	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	718009	33.251	ng	96
88) Benzo(b)fluoranthene	14.986	252	814051	45.660	ng	98
89) Benzo(k)fluoranthene	15.016	252	745913m	42.354	ng	
90) Benzo(a)pyrene	15.351	252	718321	42.250	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	593583	33.596	ng	99
92) Benzo(g,h,i)perylene	17.339	276	546893	29.638	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

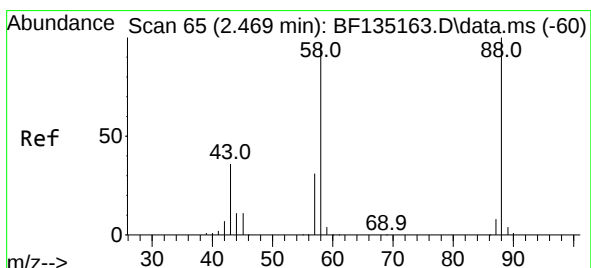
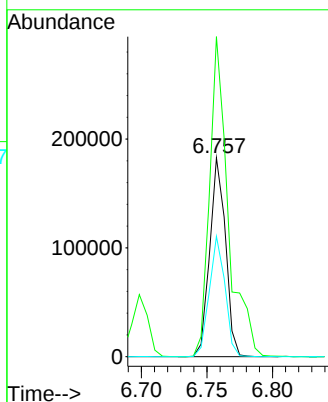
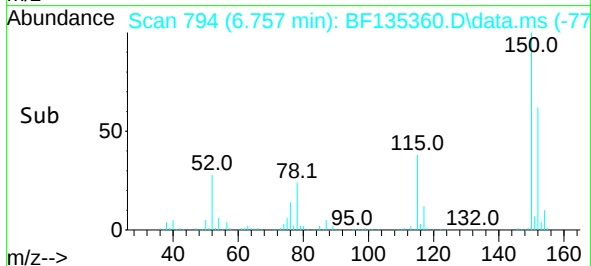
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



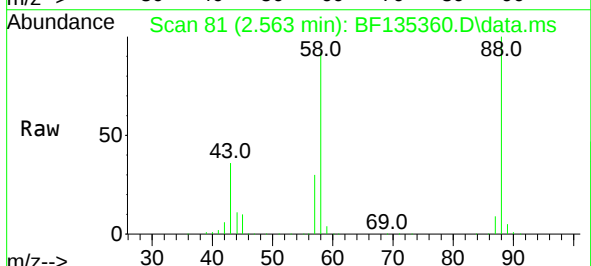
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Ion Ratio Lower Upper
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150 160.9 127.8 191.6
115 60.5 49.8 74.8

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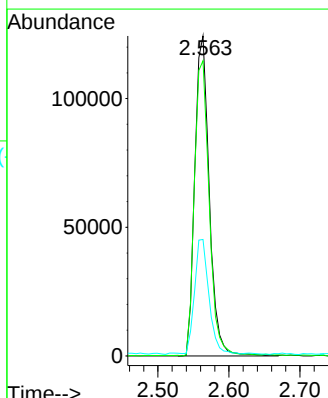
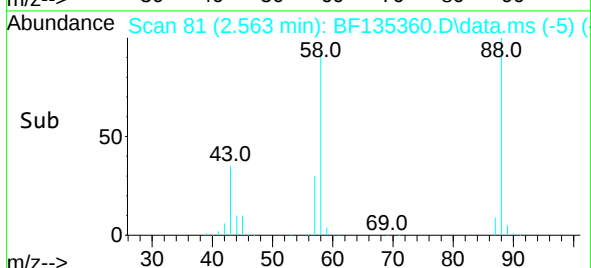
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#2
1,4-Dioxane
Concen: 42.719 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.094 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



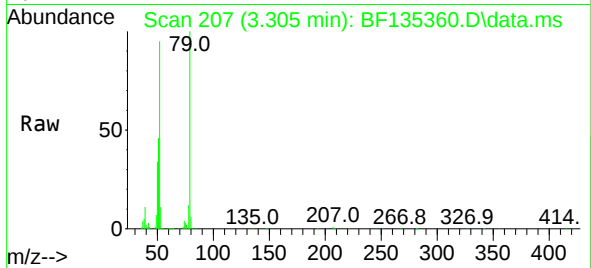
Tgt Ion: 88 Resp: 176839
Ion Ratio Lower Upper
88 100
58 94.3 78.3 117.5
43 35.3 29.4 44.0





#3
Pyridine
Concen: 39.418 ng
RT: 3.305 min Scan# 207
Delta R.T. 0.088 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

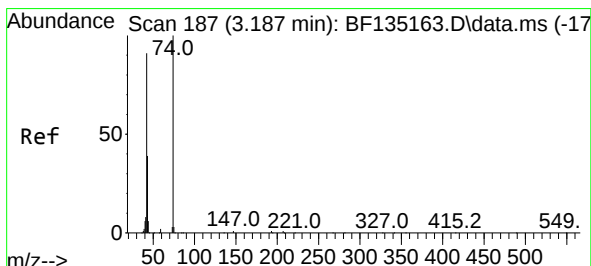
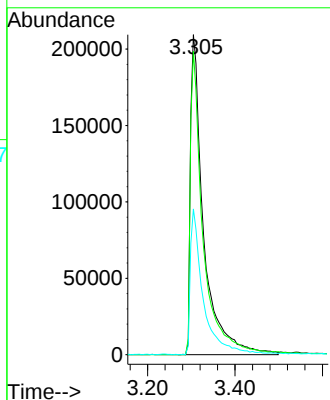
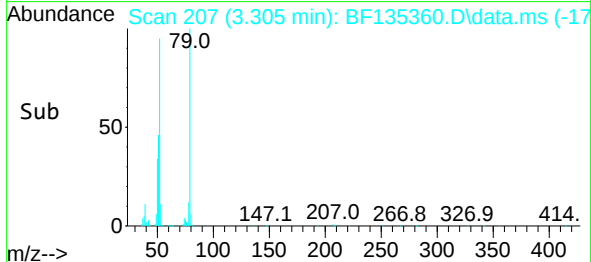
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ClientSampleId :
CPT101-02MSD



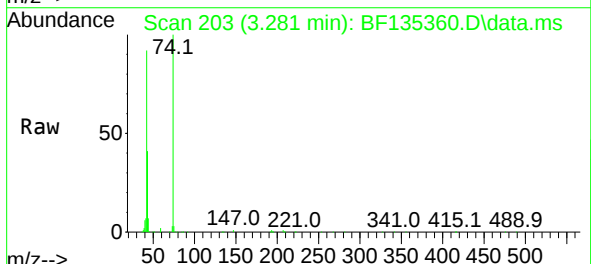
Tgt Ion: 79 Resp: 439175
Ion Ratio Lower Upper
79 100
52 94.8 74.1 111.1
51 45.6 35.8 53.8

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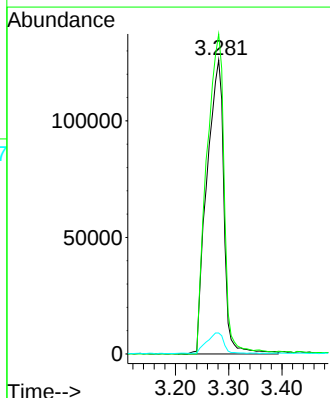
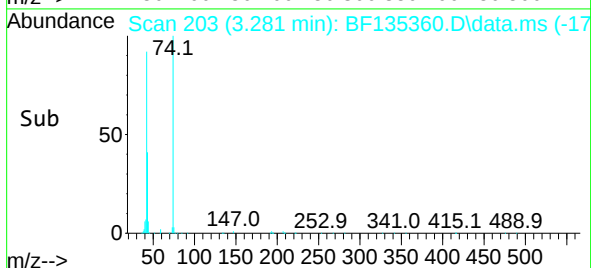
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#4
n-Nitrosodimethylamine
Concen: 47.310 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.094 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion: 42 Resp: 279705
Ion Ratio Lower Upper
42 100
74 108.9 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 58.996 ng
RT: 5.399 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

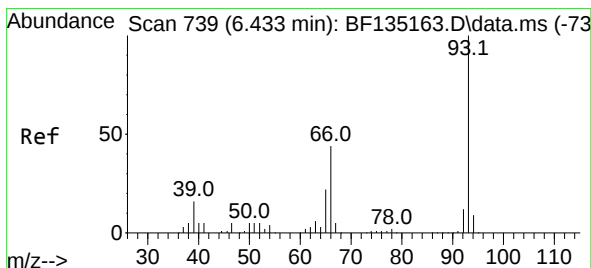
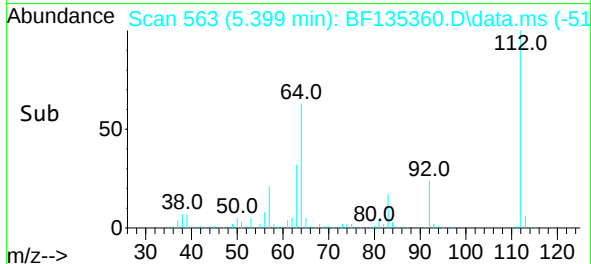
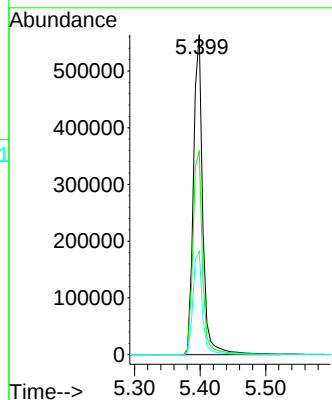
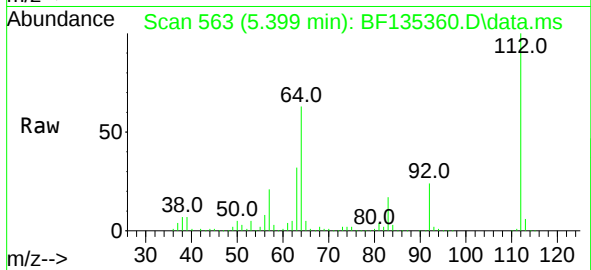
CPT101-02MSD

Tgt Ion:112 Resp: 557104
Ion Ratio Lower Upper
112 100
64 63.5 55.9 83.9
63 32.4 29.0 43.6

Manual Integrations

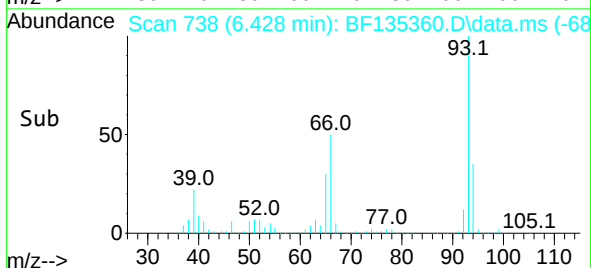
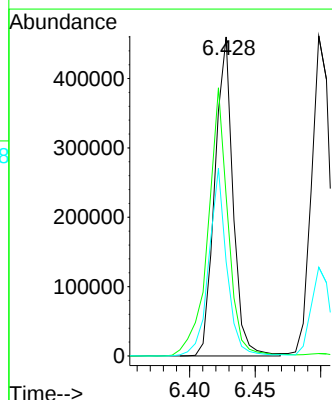
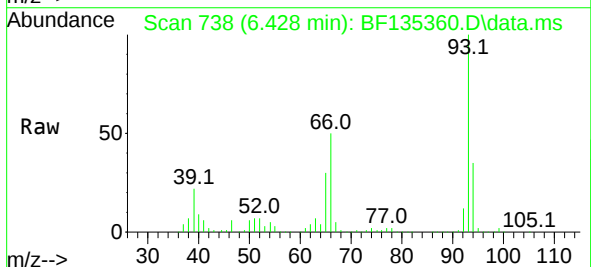
APPROVED

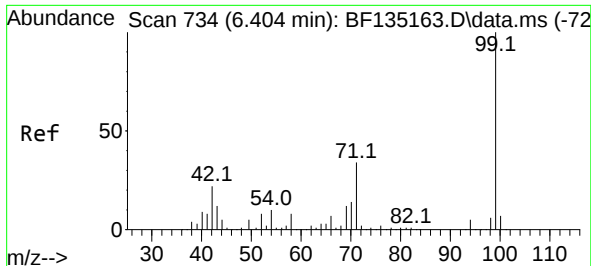
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#6
Aniline
Concen: 28.133 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

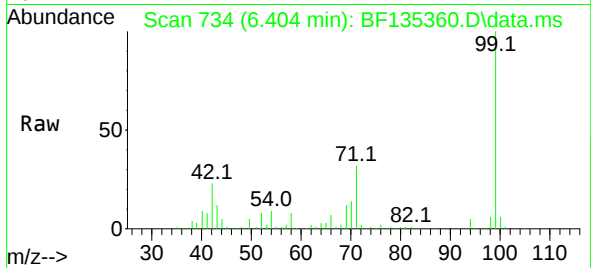
Tgt Ion: 93 Resp: 442979
Ion Ratio Lower Upper
93 100
66 50.2 35.4 53.0
65 29.6 17.8 26.8#





#7
Phenol-d6
Concen: 64.941 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

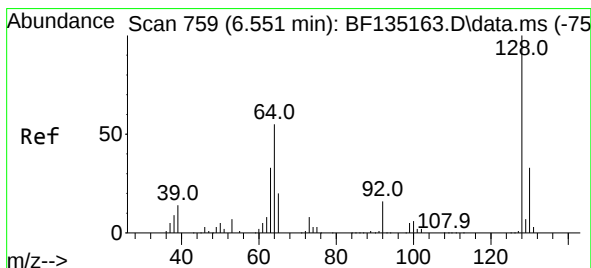
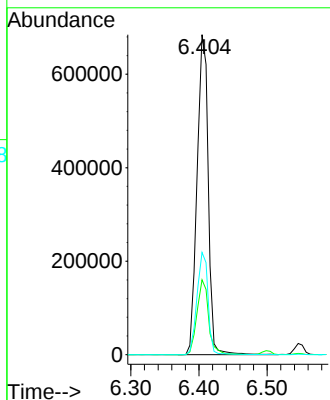
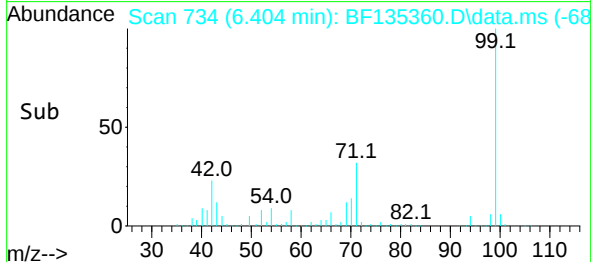
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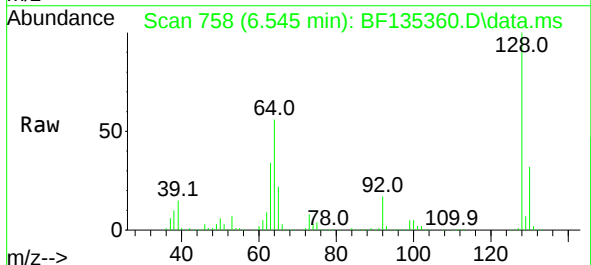
Tgt Ion: 99 Resp: 77976
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.0 27.0 40.6

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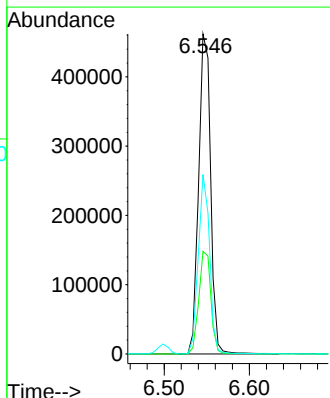
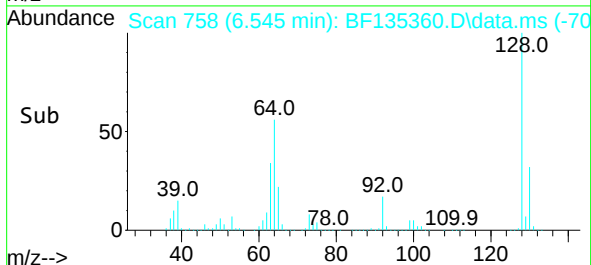
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#8
2-Chlorophenol
Concen: 44.808 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



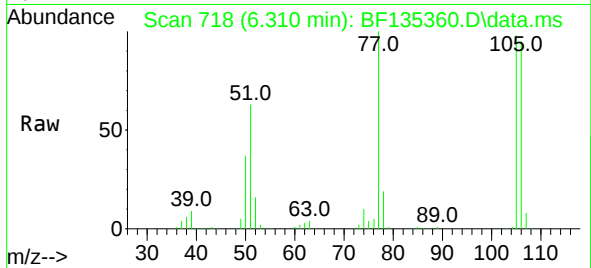
Tgt Ion:128 Resp: 451685
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 56.1 35.9 75.9





#9
Benzaldehyde
Concen: 25.912 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

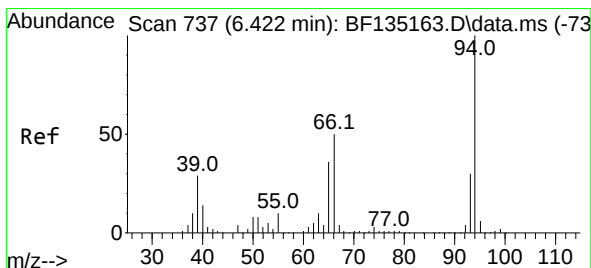
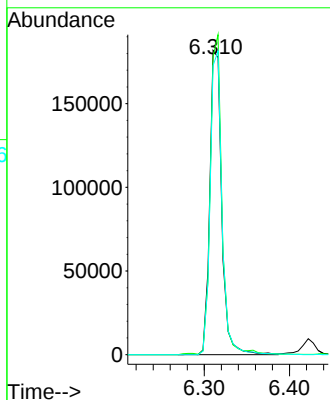
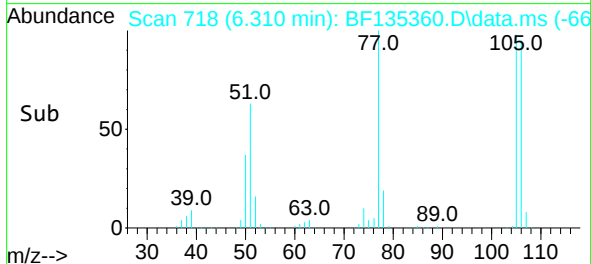
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



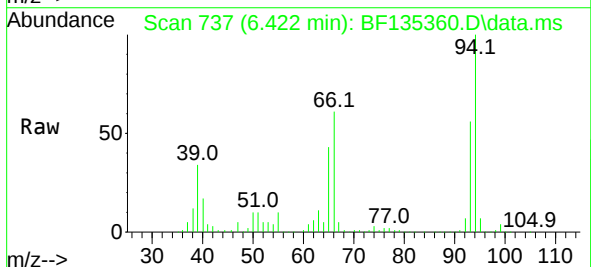
Tgt Ion: 77 Resp: 177244
Ion Ratio Lower Upper
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105 98.0 81.4 121.4
106 94.9 76.9 116.9

Manual Integrations
APPROVED

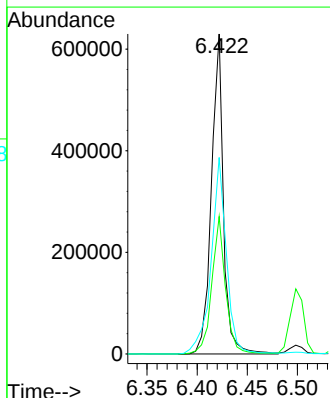
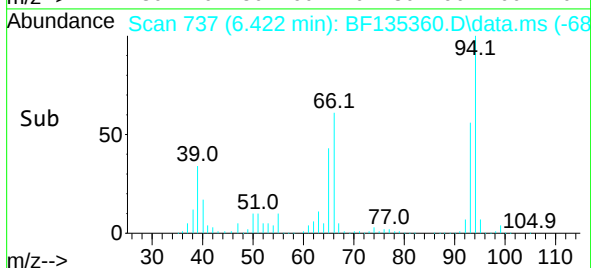
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#10
Phenol
Concen: 39.968 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion: 94 Resp: 526248
Ion Ratio Lower Upper
94 100
65 43.0 15.9 55.9
66 61.4 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 44.229 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.012 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion: 93 Resp: 436819

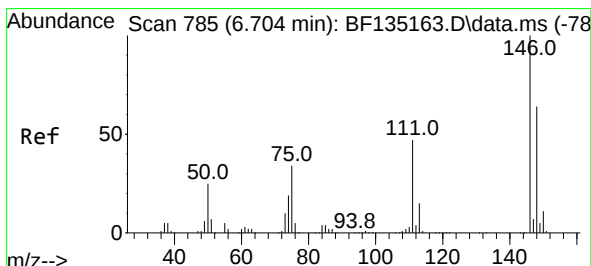
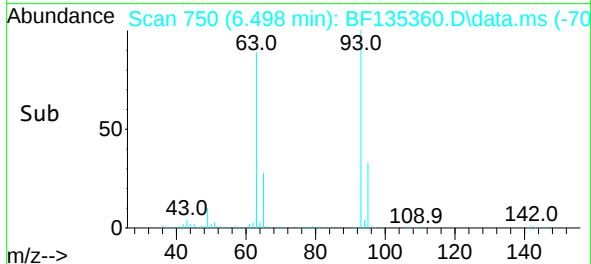
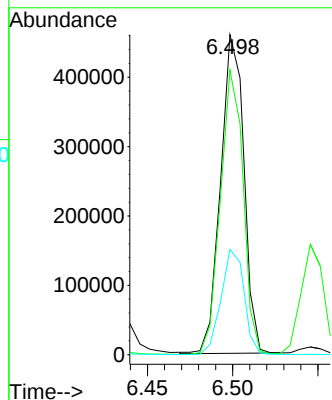
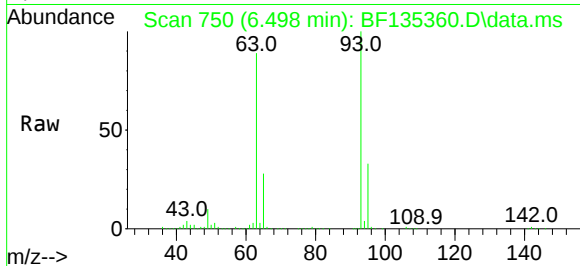
Ion	Ratio	Lower	Upper
93	100		
63	88.9	67.3	107.3
95	32.9	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#12

1,3-Dichlorobenzene

Concen: 43.728 ng

RT: 6.698 min Scan# 784

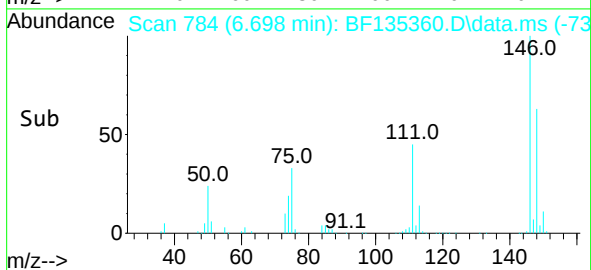
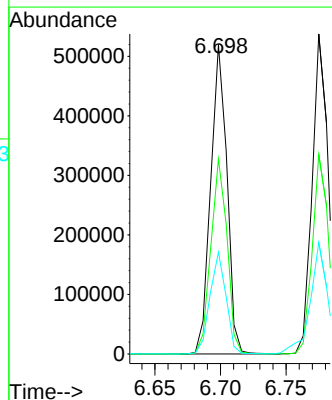
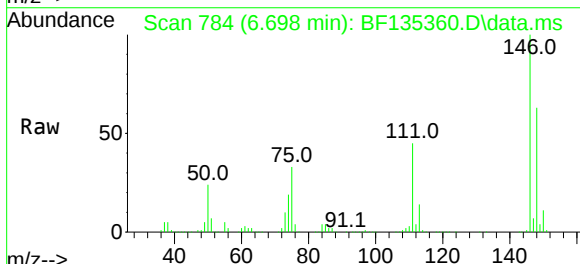
Delta R.T. -0.006 min

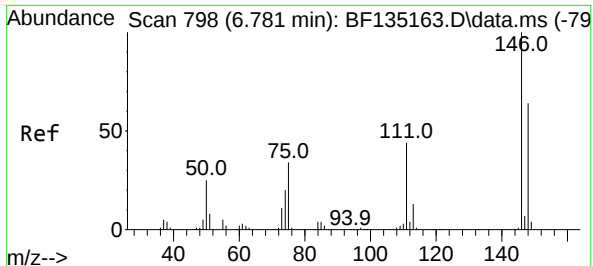
Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Tgt Ion:146 Resp: 447983

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
75	32.9	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 43.285 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:146 Resp: 451150

Ion Ratio Lower Upper

146 100

148 62.3 51.3 76.9

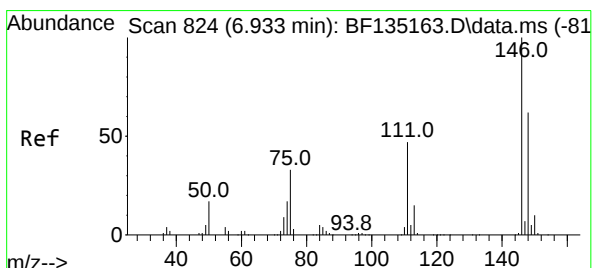
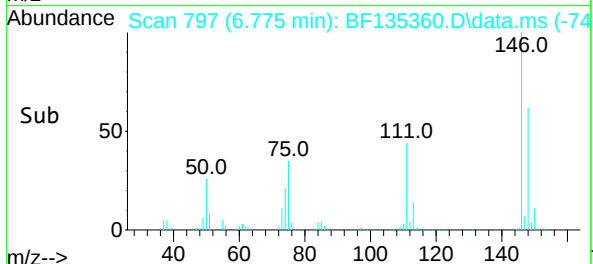
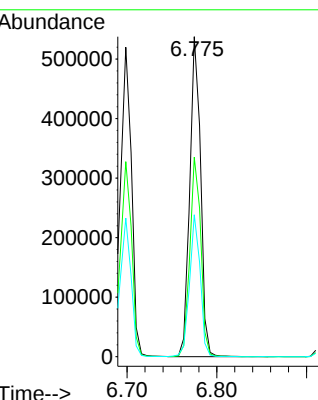
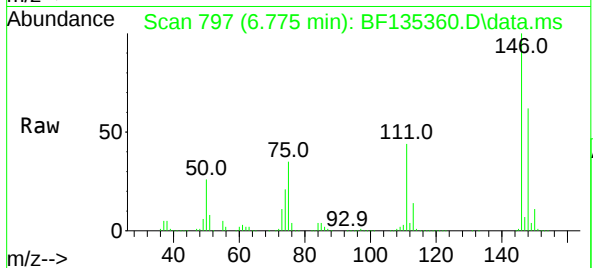
111 44.4 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#14

1,2-Dichlorobenzene

Concen: 44.021 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

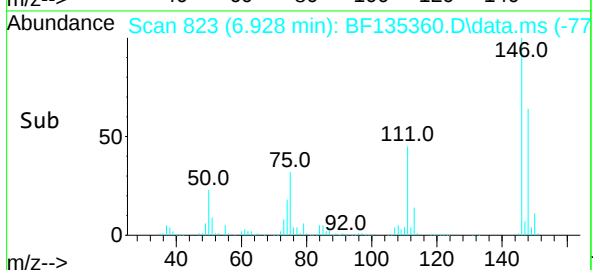
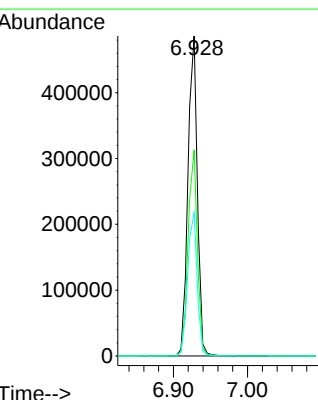
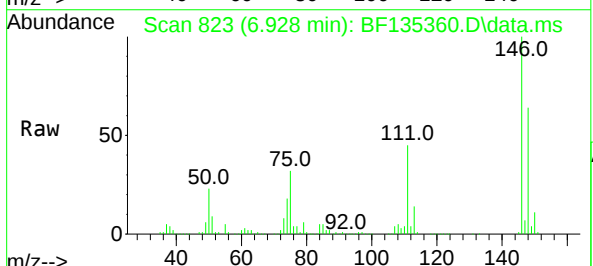
Tgt Ion:146 Resp: 426095

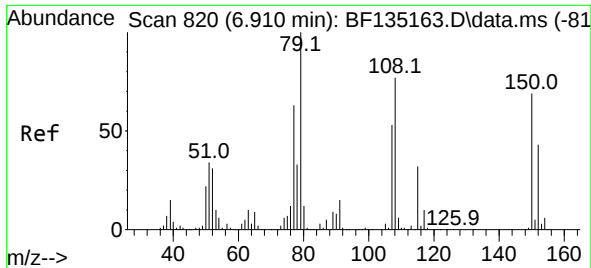
Ion Ratio Lower Upper

146 100

148 64.4 49.7 74.5

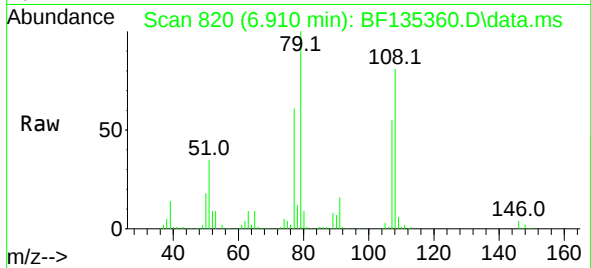
111 44.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 41.884 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

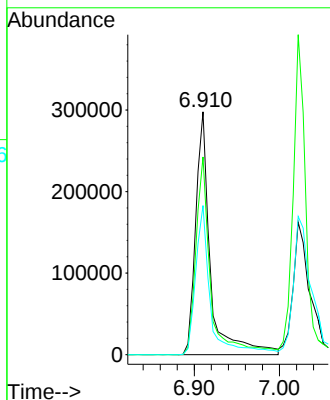
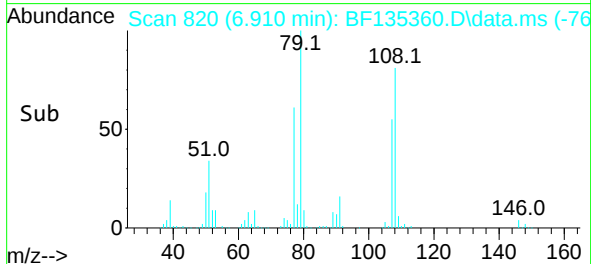
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



Tgt Ion: 79 Resp: 36088
Ion Ratio Lower Upper
79 100
108 81.4 61.2 91.8
77 61.4 50.5 75.7

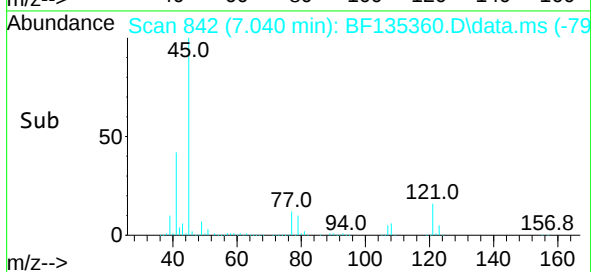
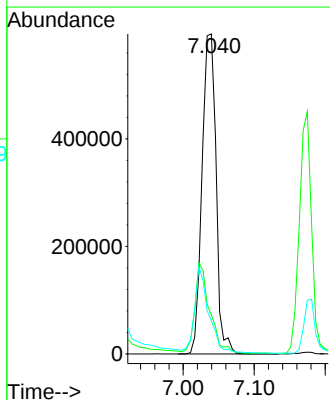
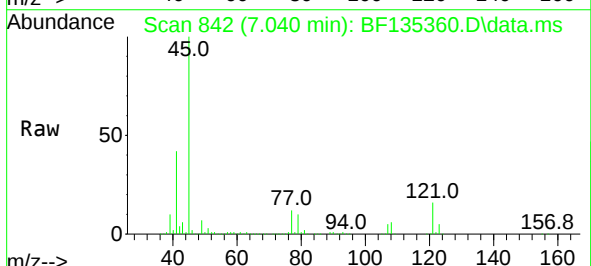
Manual Integrations
APPROVED

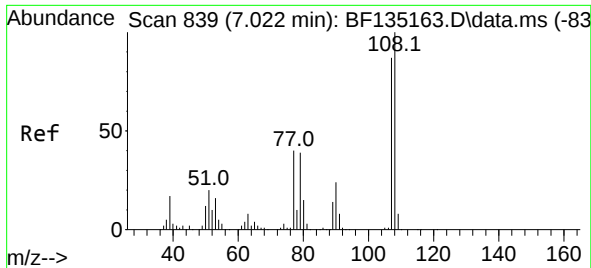
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.035 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

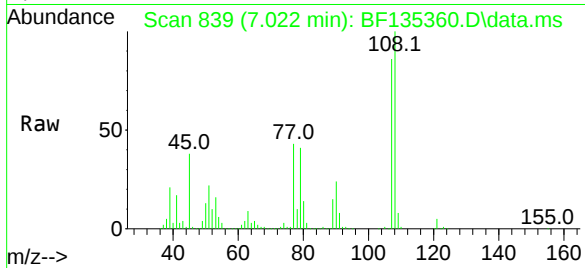
Tgt Ion: 45 Resp: 819756
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 10.4 0.0 28.3





#17
2-Methylphenol
Concen: 39.072 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

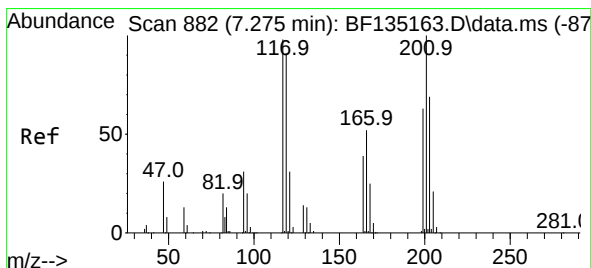
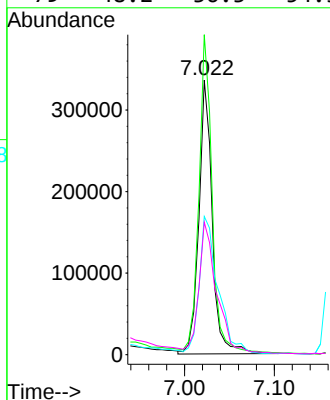
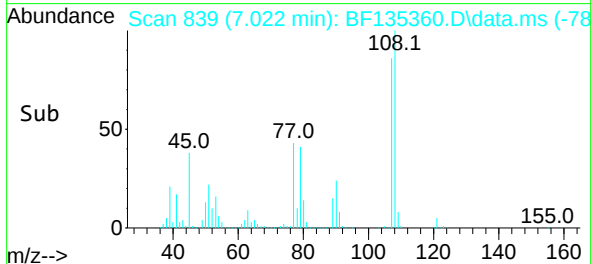
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



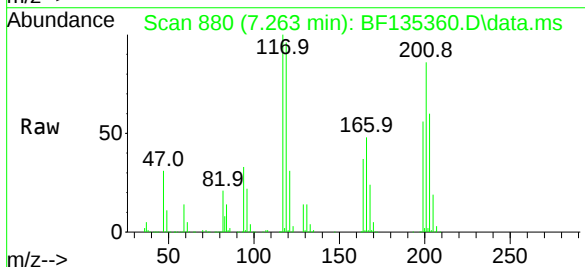
Tgt Ion:107 Resp: 34756
Ion Ratio Lower Upper
107 100
108 116.5 92.0 138.0
77 50.4 36.7 55.1
79 48.2 36.3 54.5

Manual Integrations
APPROVED

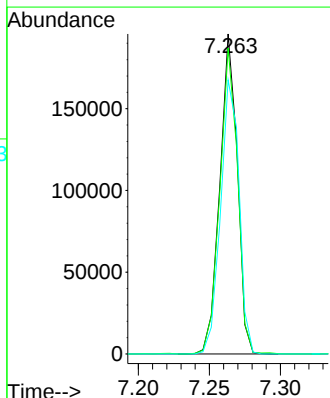
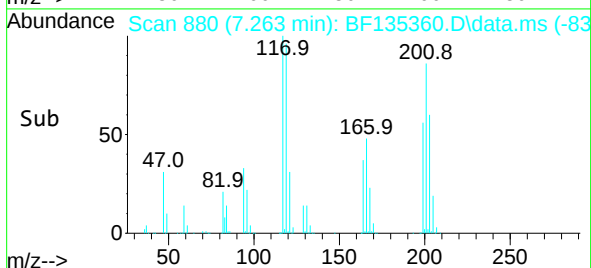
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#18
Hexachloroethane
Concen: 43.379 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:117 Resp: 167062
Ion Ratio Lower Upper
117 100
119 95.6 74.7 112.1
201 85.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.898 ng

RT: 7.175 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF135360.D

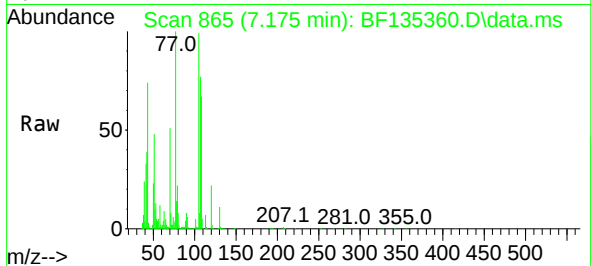
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD



Tgt Ion: 70 Resp: 27442

Ion Ratio Lower Upper

70 100

42 77.1 55.4 83.0

101 8.9 7.7 11.5

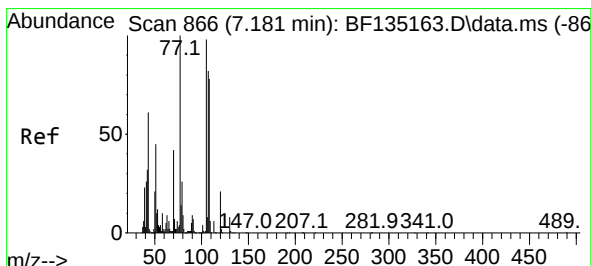
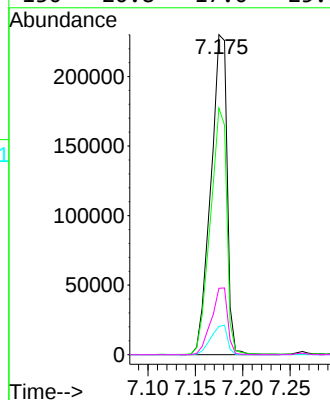
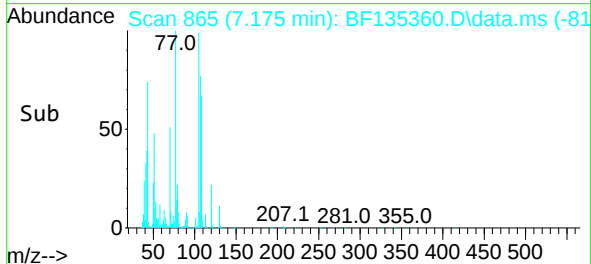
130 20.8 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#20

3+4-Methylphenols

Concen: 35.955 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Tgt Ion:107 Resp: 384597

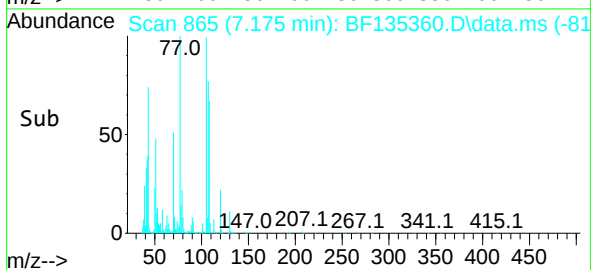
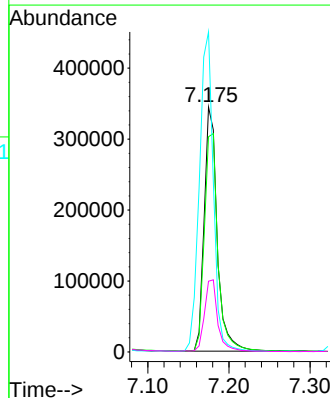
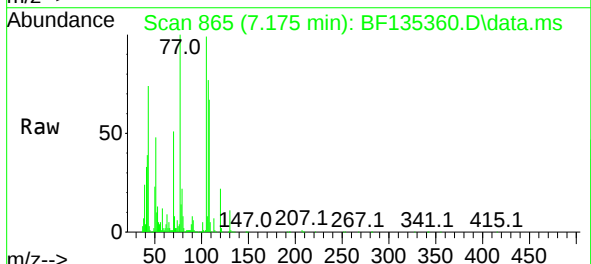
Ion Ratio Lower Upper

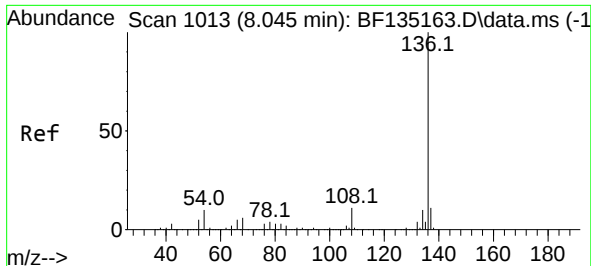
107 100

108 87.9 74.7 114.7

77 130.6 102.0 142.0

79 28.9 11.7 51.7





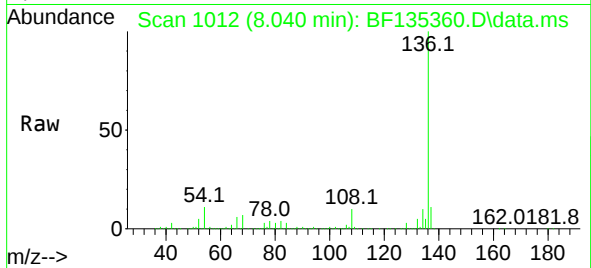
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

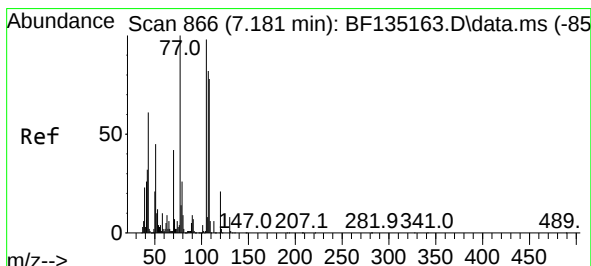
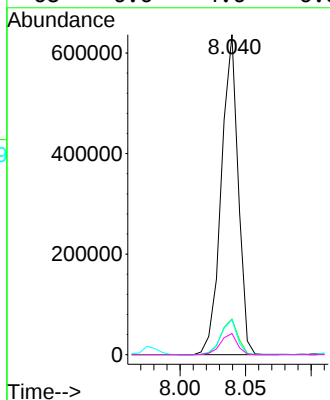
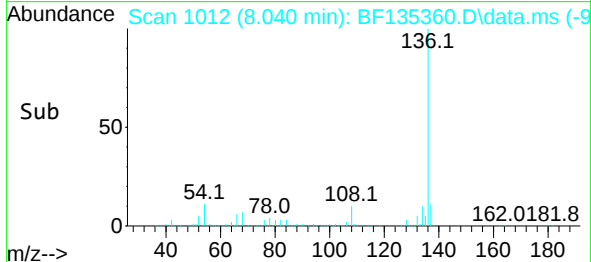


Tgt Ion:136 Resp: 56765
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.9 7.7 11.5
68 6.6 4.6 6.8

Manual Integrations

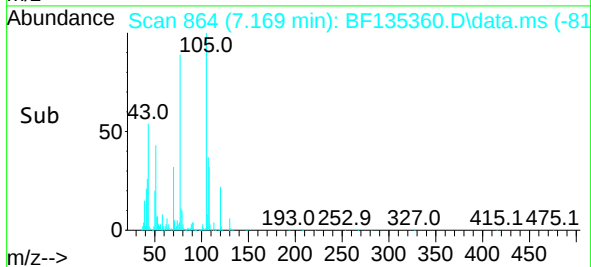
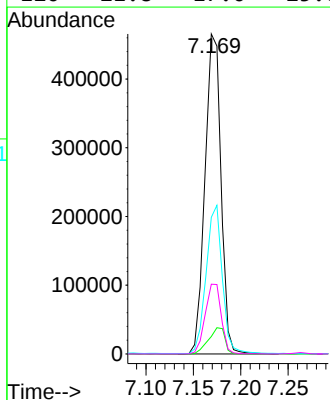
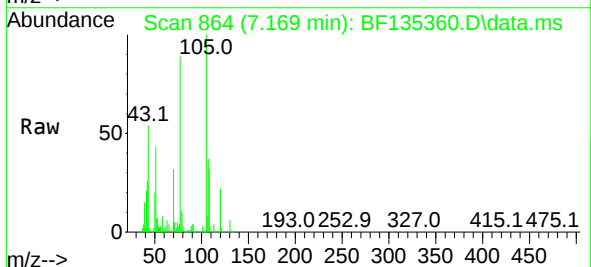
APPROVED

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



#22
Acetophenone
Concen: 42.058 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:105 Resp: 545839
Ion Ratio Lower Upper
105 100
71 5.5 5.8 8.6#
51 42.7 37.0 55.4
120 21.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 46.439 ng
RT: 7.322 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

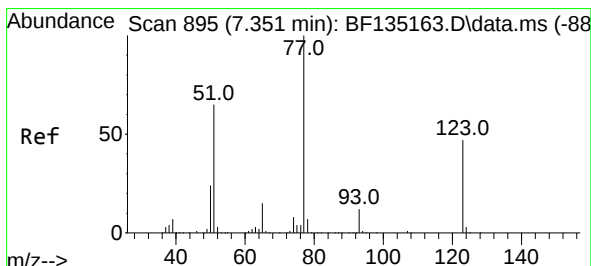
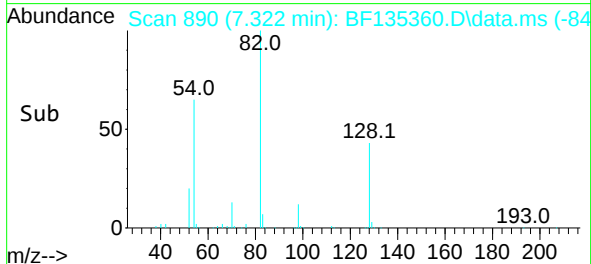
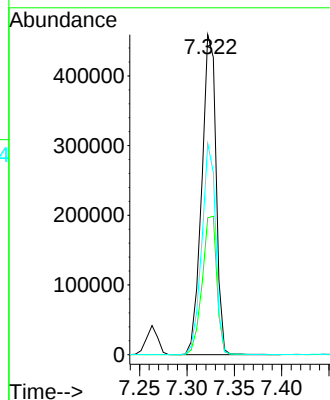
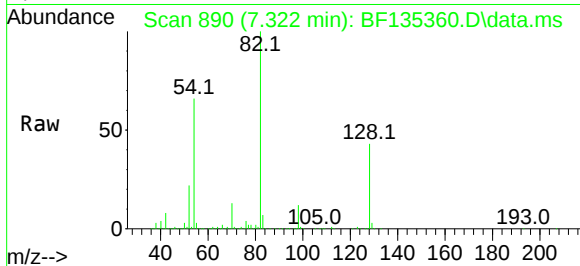
ClientSampleId :

CPT101-02MSD

Tgt Ion: 82 Resp: 48521
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.6
54 65.9 50.6 76.0

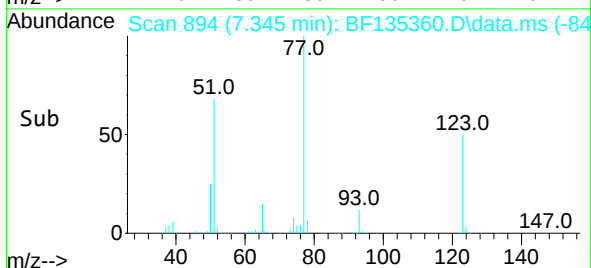
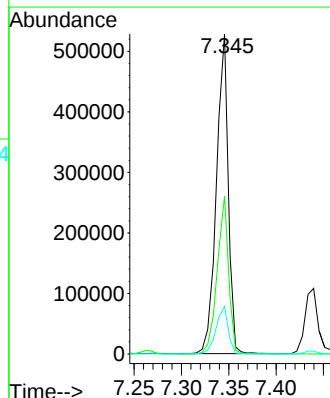
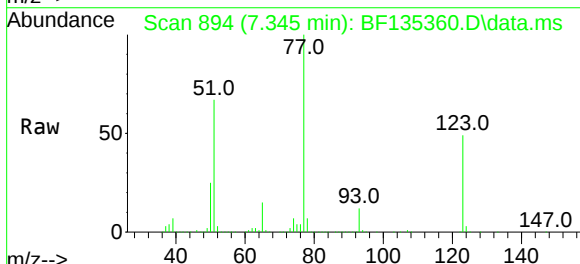
Manual Integrations
APPROVED

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



#24
Nitrobenzene
Concen: 44.342 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

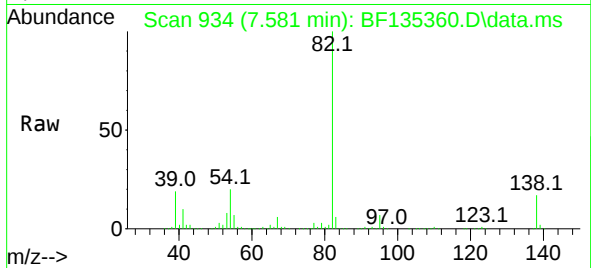
Tgt Ion: 77 Resp: 457928
Ion Ratio Lower Upper
77 100
123 49.3 37.6 56.4
65 14.9 12.2 18.4





#25
Isophorone
Concen: 43.403 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

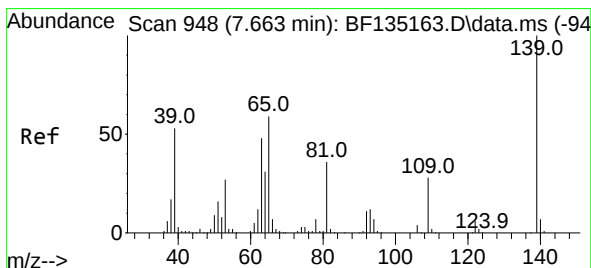
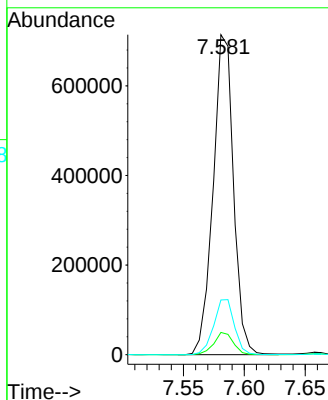
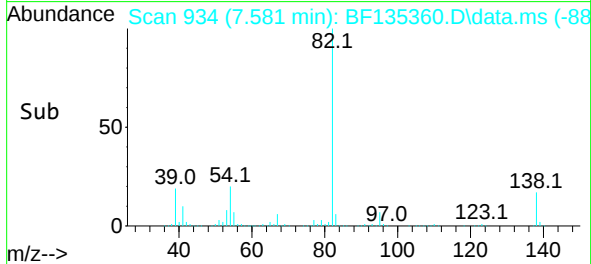
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



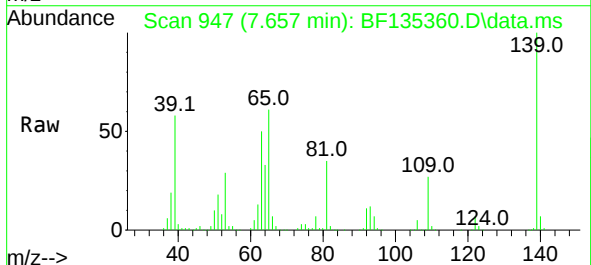
Tgt Ion: 82 Resp: 832738
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.1 14.5 21.7

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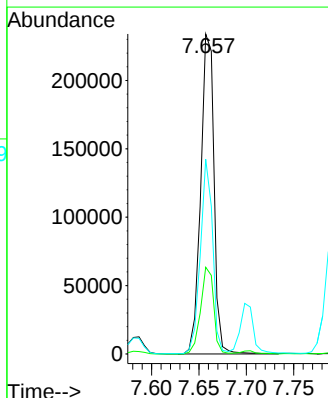
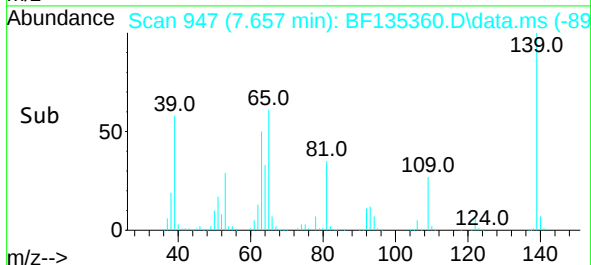
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#26
2-Nitrophenol
Concen: 46.154 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



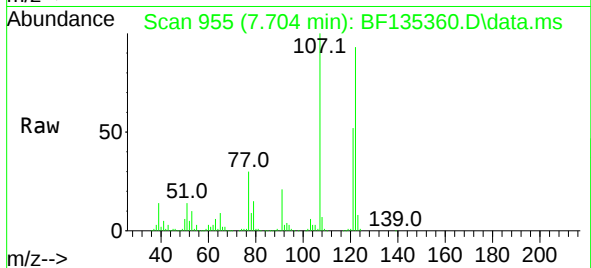
Tgt Ion:139 Resp: 228761
Ion Ratio Lower Upper
139 100
109 27.1 22.6 33.8
65 60.8 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 40.386 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

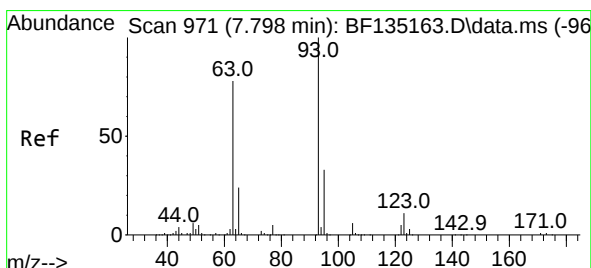
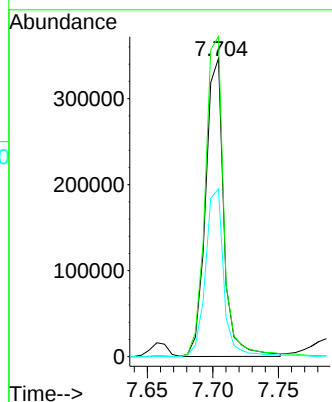
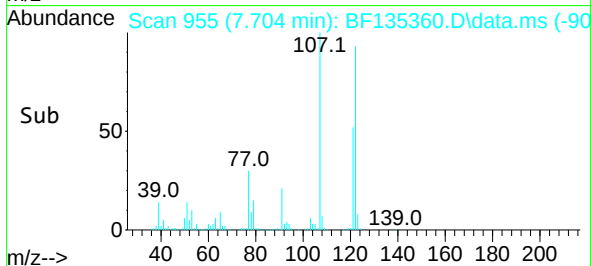
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



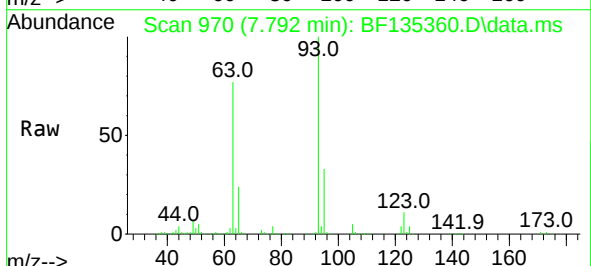
Tgt Ion:122 Resp: 336468
Ion Ratio Lower Upper
122 100
107 107.3 90.2 135.4
121 56.2 46.3 69.5

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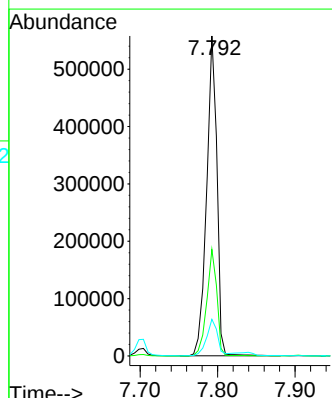
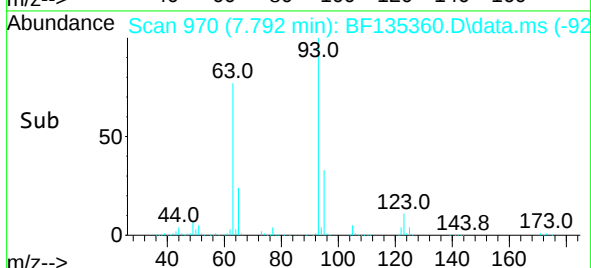
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

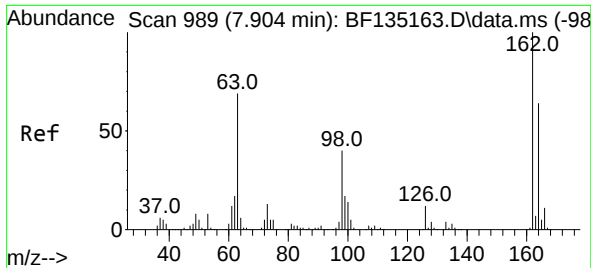


#28
bis(2-Chloroethoxy)methane
Concen: 44.830 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion: 93 Resp: 514800
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.486 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:162 Resp: 33571

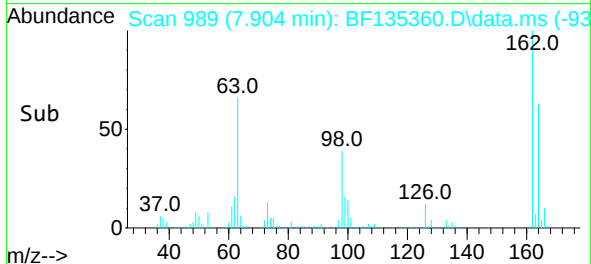
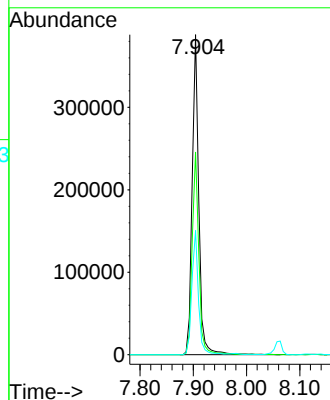
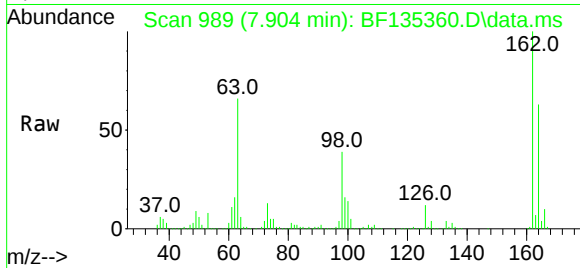
Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	38.8	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.908 ng

RT: 7.981 min Scan# 1002

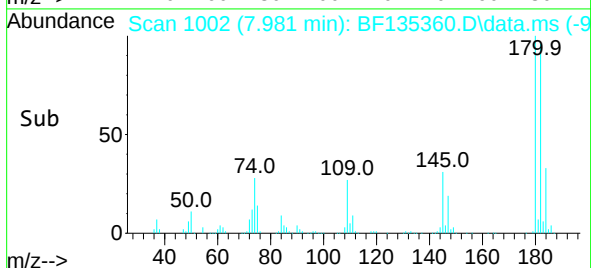
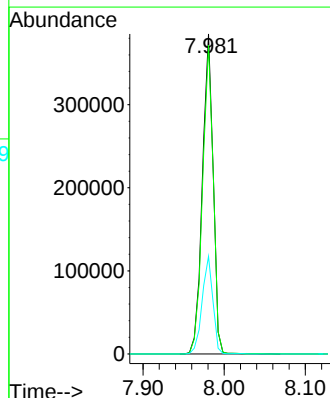
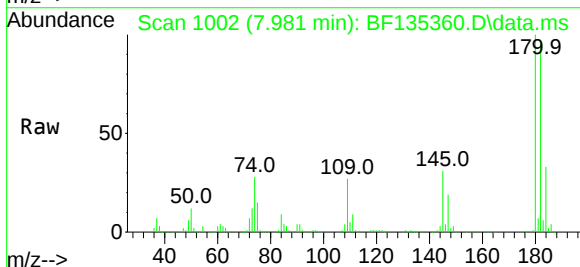
Delta R.T. -0.006 min

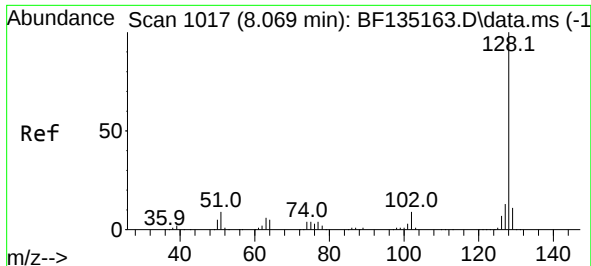
Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Tgt Ion:180 Resp: 354294

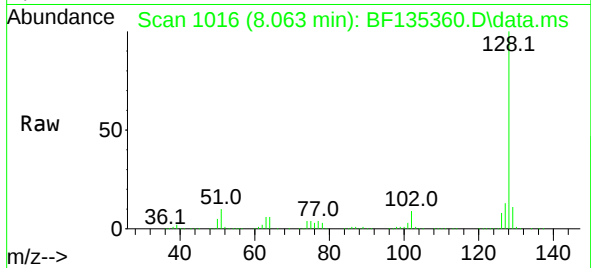
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.9	115.3
145	30.5	24.5	36.7





#31
Naphthalene
Concen: 42.340 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

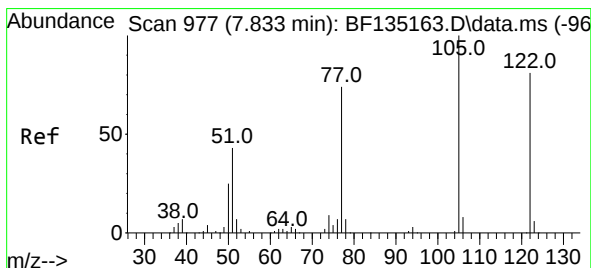
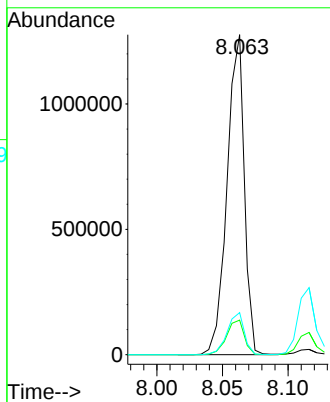
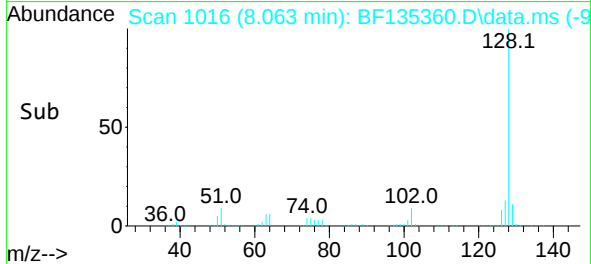
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



Tgt Ion:128 Resp: 116778
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.7 16.1

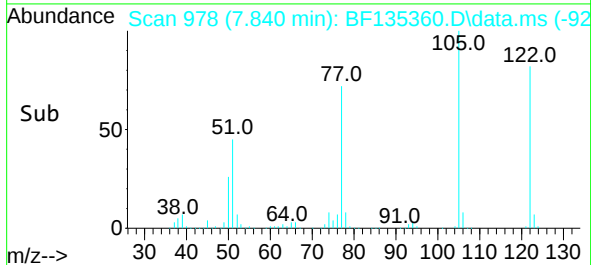
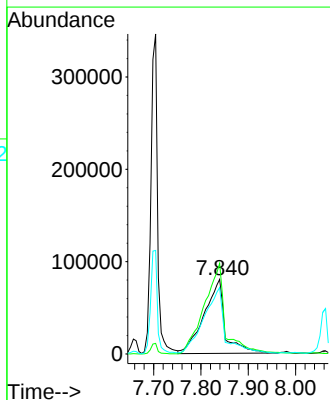
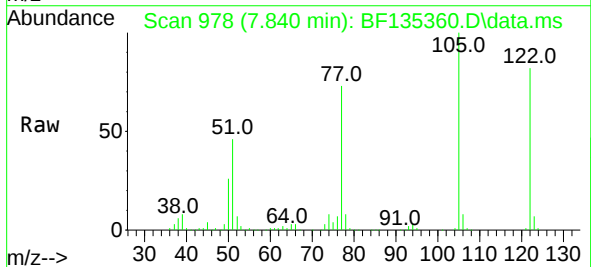
Manual Integrations
APPROVED

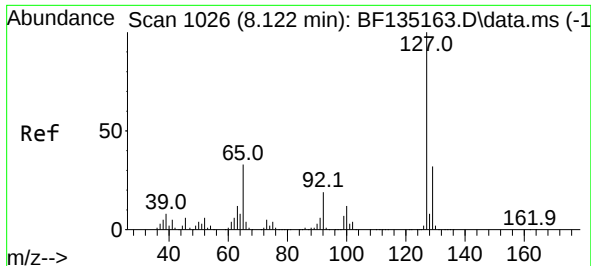
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#32
Benzoic acid
Concen: 39.250 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:122 Resp: 246238
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 89.0 70.0 110.0





#33
4-Chloroaniline
Concen: 22.529 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

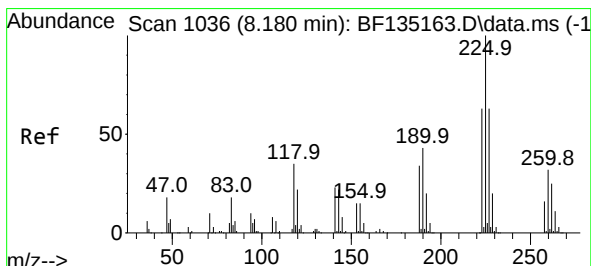
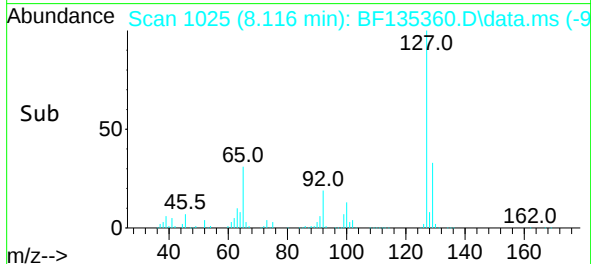
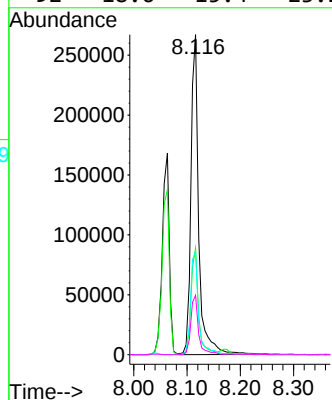
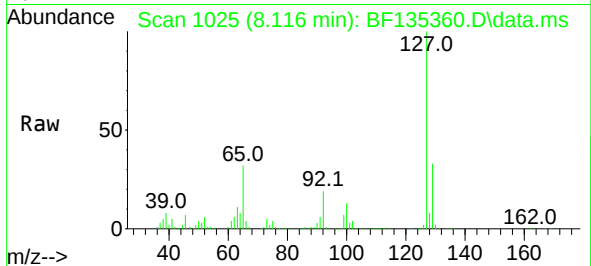
CPT101-02MSD

Tgt Ion:127 Resp: 272620
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.8
65 32.2 26.6 39.8
92 18.6 15.4 23.2

Manual Integrations

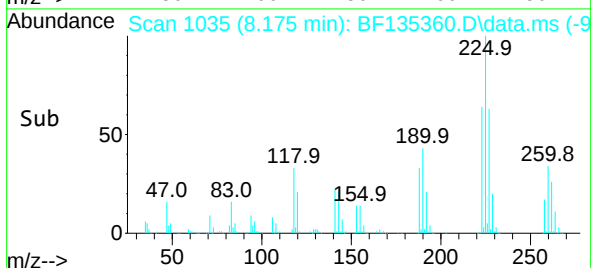
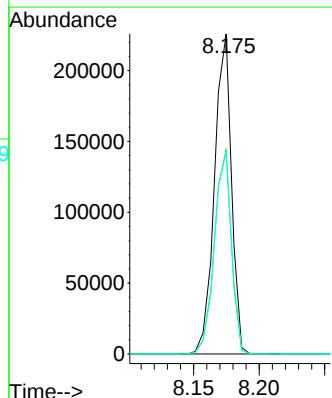
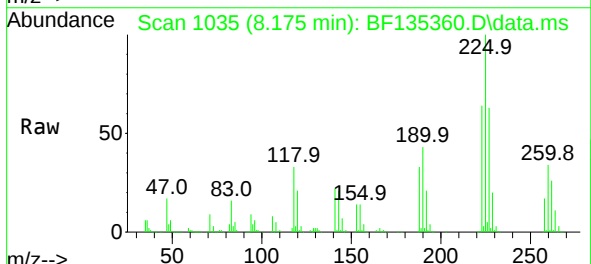
APPROVED

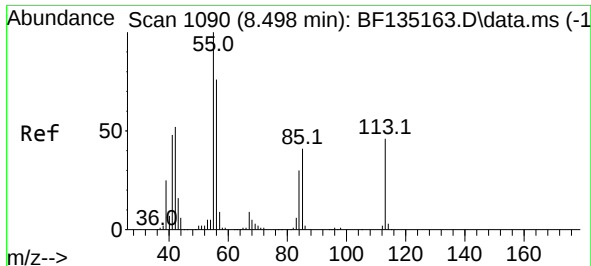
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#34
Hexachlorobutadiene
Concen: 41.765 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

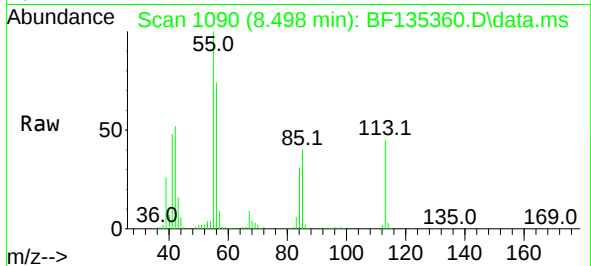
Tgt Ion:225 Resp: 203209
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 63.0 50.8 76.2





#35
Caprolactam
Concen: 45.035 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

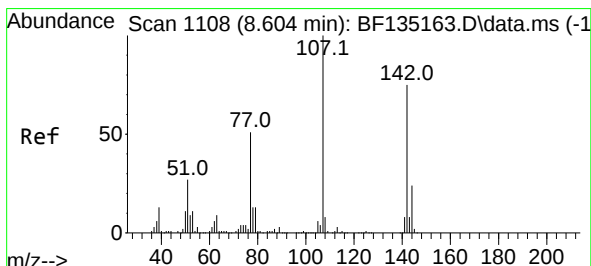
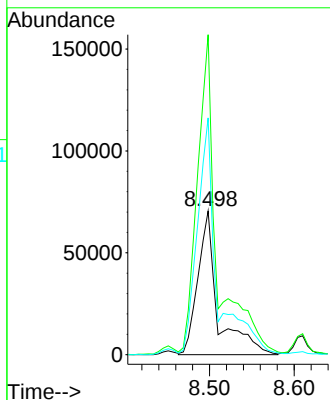
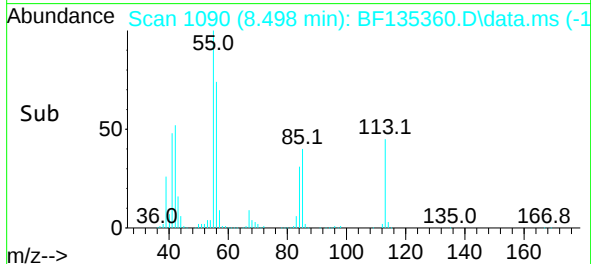
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



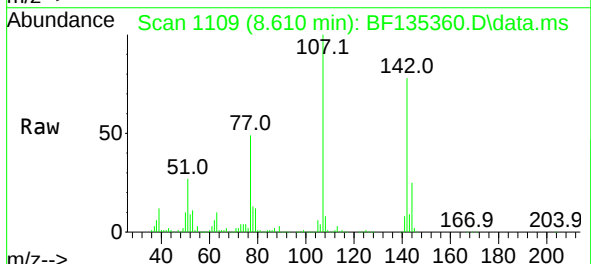
Tgt Ion:113 Resp: 11668
Ion Ratio Lower Upper
113 100
55 222.7 199.3 239.3
56 164.8 146.3 186.3

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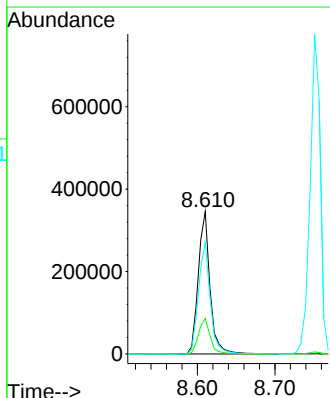
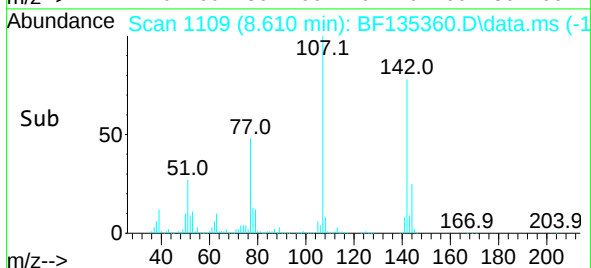
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

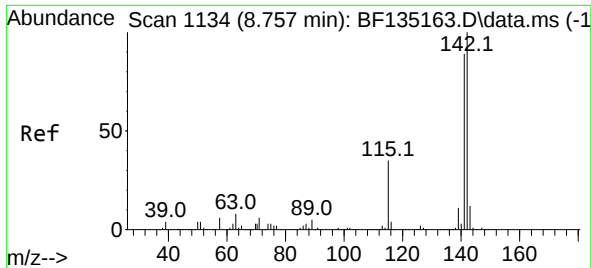


#36
4-Chloro-3-methylphenol
Concen: 42.471 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:107 Resp: 364400
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 78.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.652 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:142 Resp: 716602

Ion Ratio Lower Upper

142 100

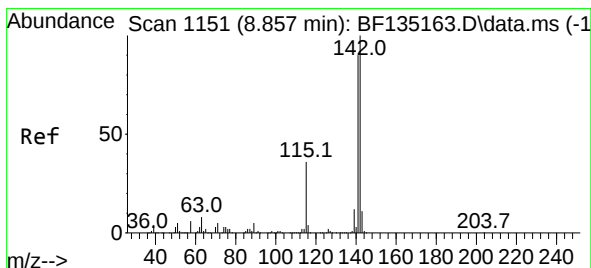
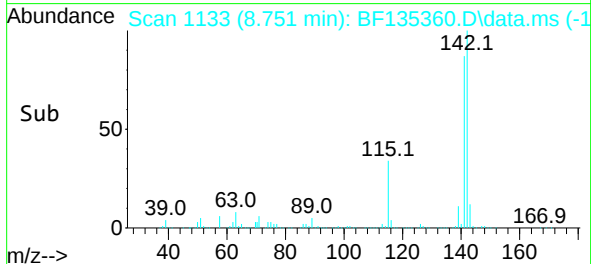
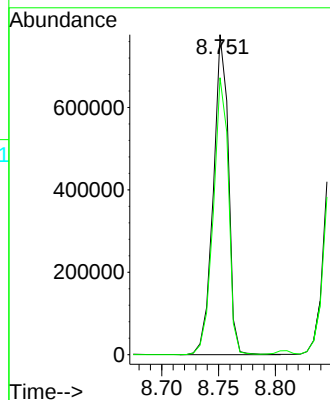
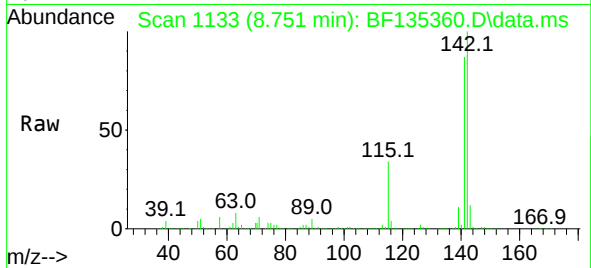
141 86.5 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#38

1-Methylnaphthalene

Concen: 39.369 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135360.D

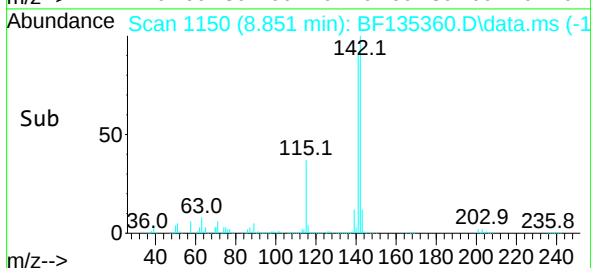
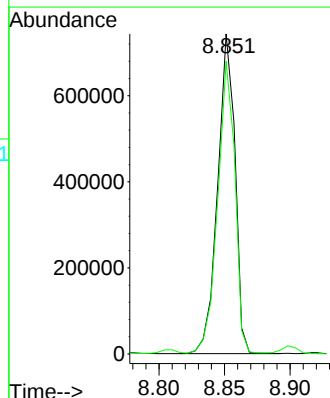
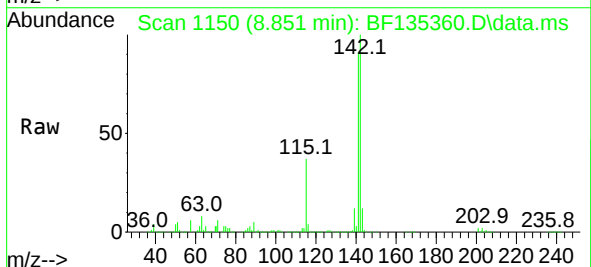
Acq: 20 Sep 2023 16:36

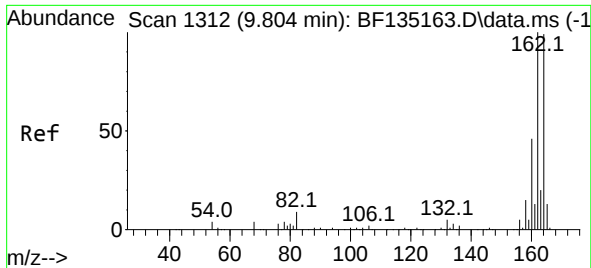
Tgt Ion:142 Resp: 683349

Ion Ratio Lower Upper

142 100

141 91.4 72.4 108.6





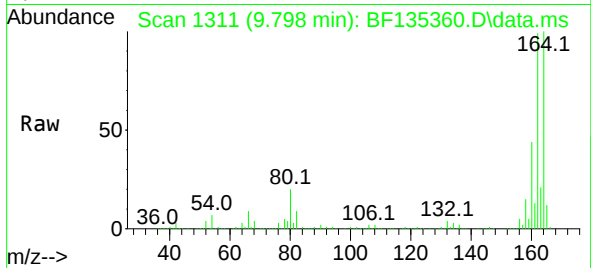
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

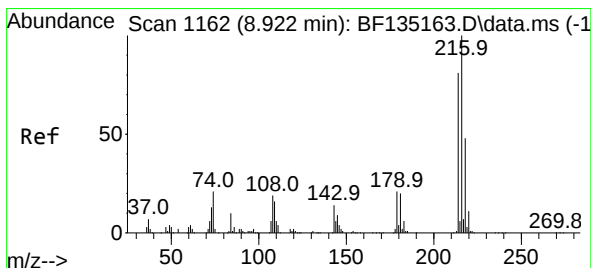
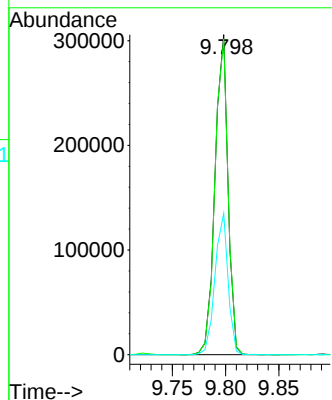
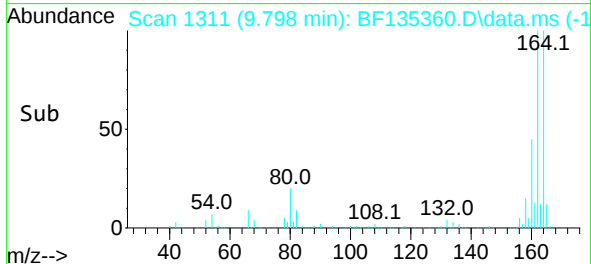


Tgt Ion:164 Resp: 259352
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 44.1 37.0 55.4

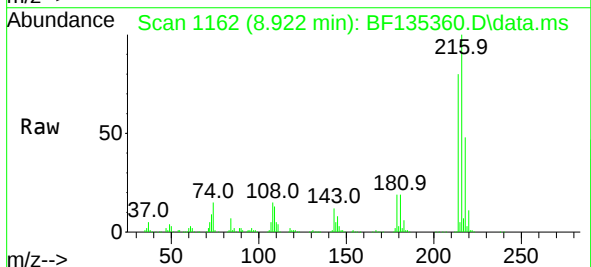
Manual Integrations

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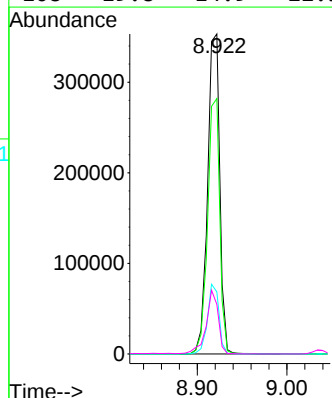
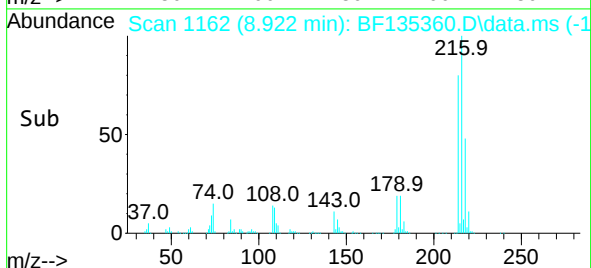
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.393 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



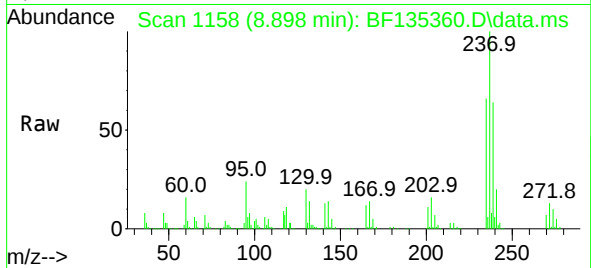
Tgt Ion:216 Resp: 333555
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.6 16.7 25.1
108 19.8 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 41.206 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

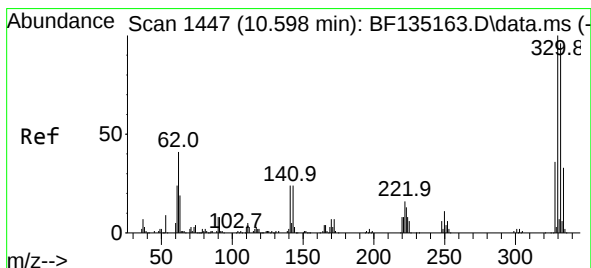
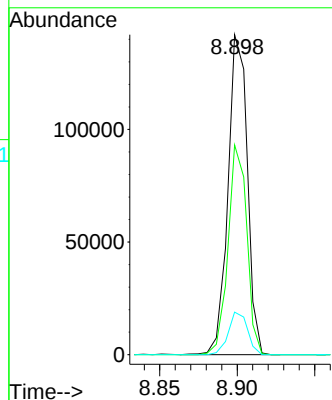
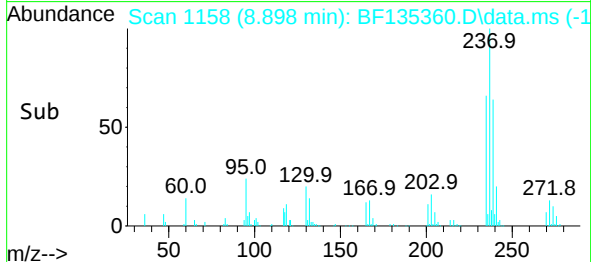
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



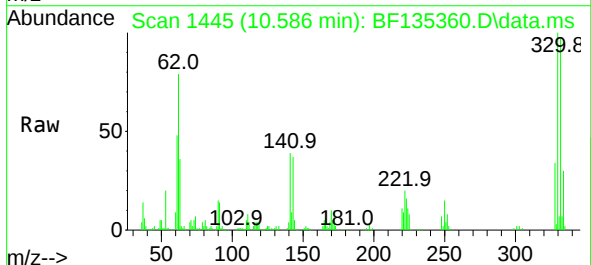
Tgt Ion: 237 Resp: 123362
Ion Ratio Lower Upper
237 100
235 65.5 41.8 81.8
272 13.3 0.0 33.6

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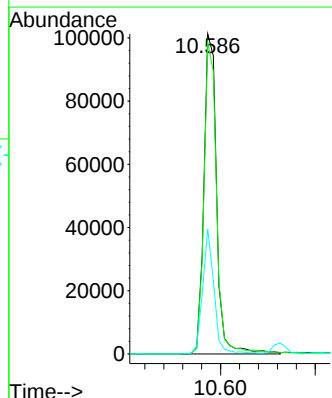
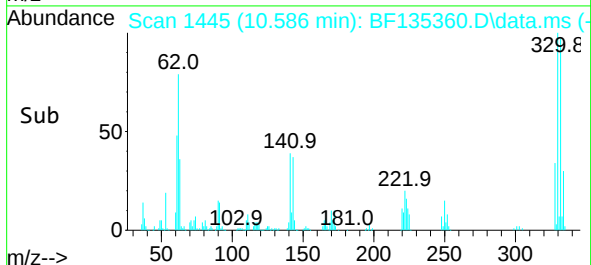
Reviewed By : Yogesh Patel 09/21/2023
Supervised By : mohammad ahmed 09/21/2023

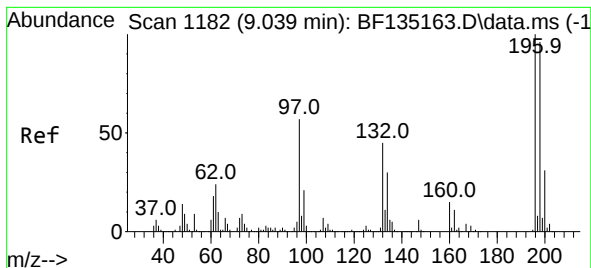


#42
2,4,6-Tribromophenol
Concen: 36.573 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



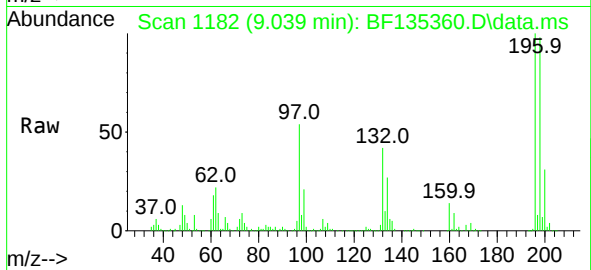
Tgt Ion: 330 Resp: 94260
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.1 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 45.124 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

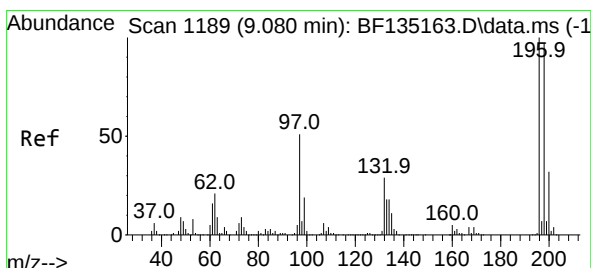
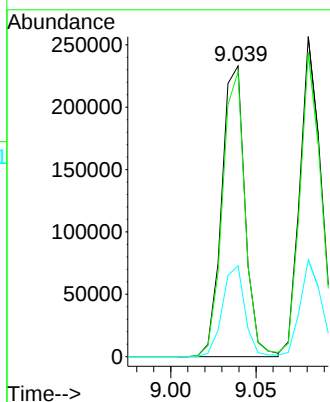
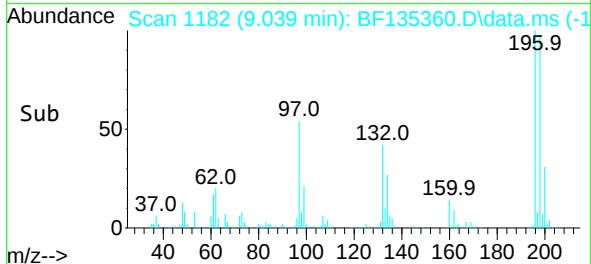
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



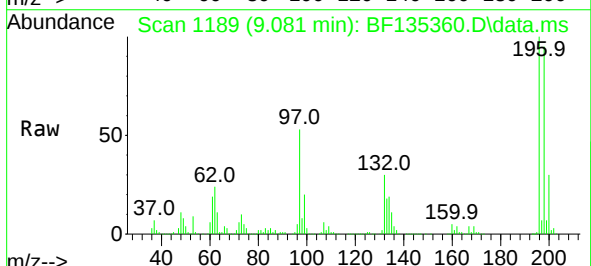
Tgt Ion:196 Resp: 221989
Ion Ratio Lower Upper
196 100
198 98.0 77.0 115.6
200 31.3 24.5 36.7

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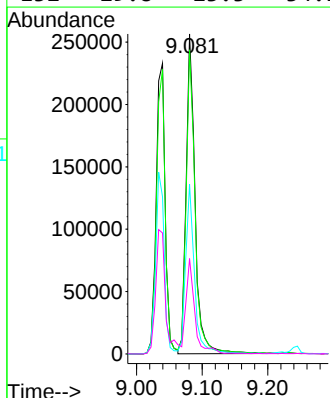
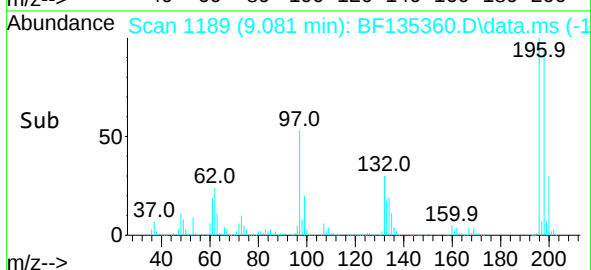
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

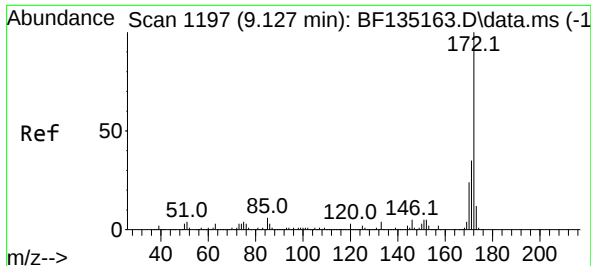


#44
2,4,5-Trichlorophenol
Concen: 42.705 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



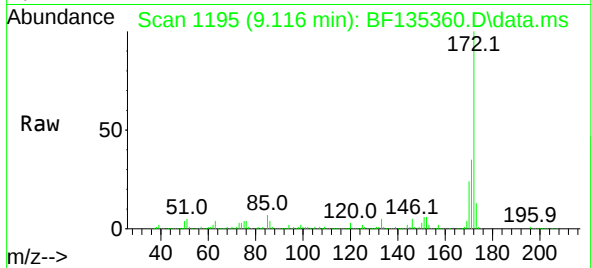
Tgt Ion:196 Resp: 241937
Ion Ratio Lower Upper
196 100
198 95.0 77.5 116.3
97 53.0 40.5 60.7
132 29.8 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 47.134 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

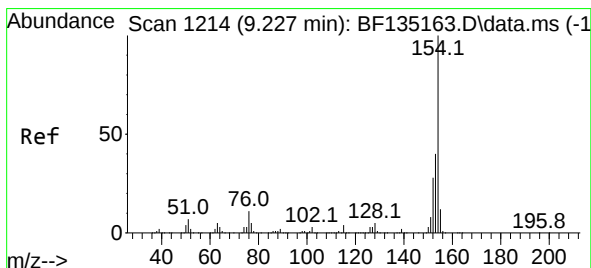
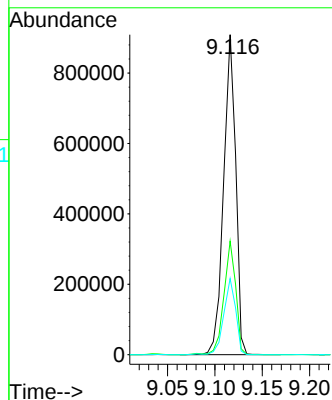
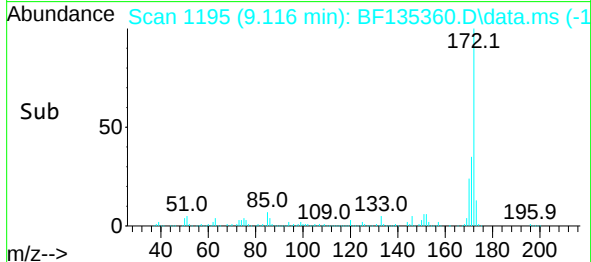
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



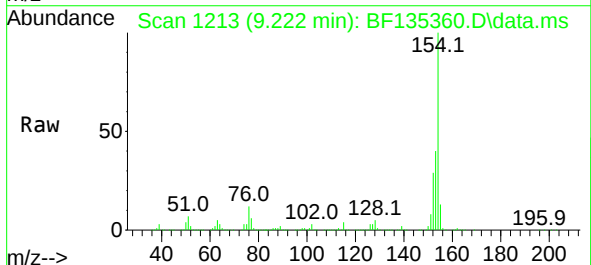
Tgt Ion:172 Resp: 810240
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 19.0 28.4

Manual Integrations
APPROVED

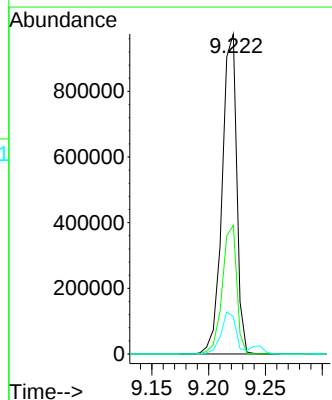
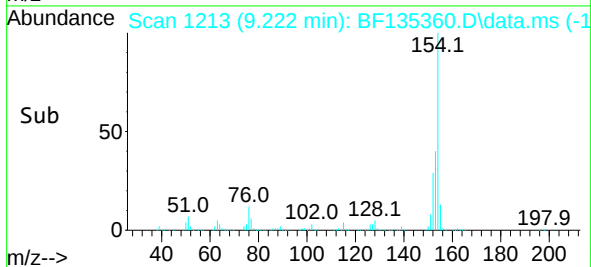
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

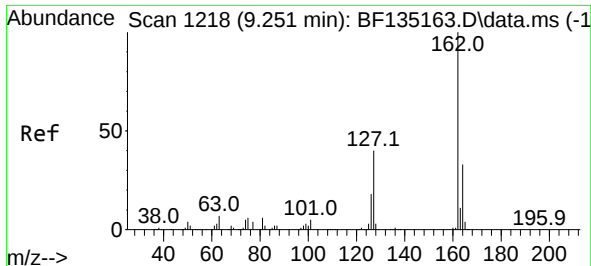


#46
1,1'-Biphenyl
Concen: 43.796 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:154 Resp: 872897
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 11.7 0.0 31.0





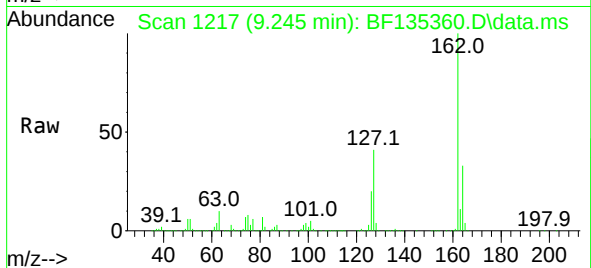
#47
2-Chloronaphthalene
Concen: 45.303 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

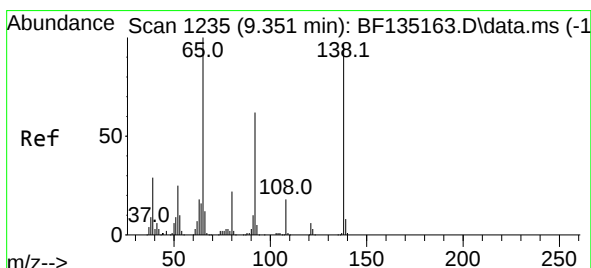
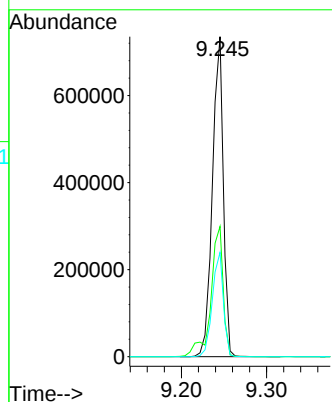
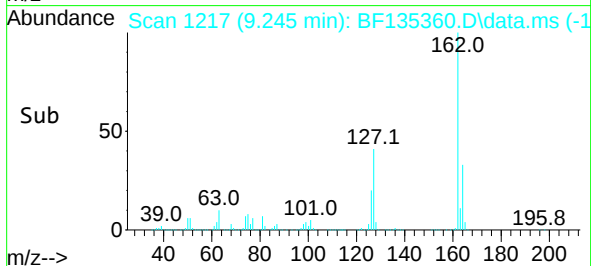


Tgt Ion:162 Resp: 65513
Ion Ratio Lower Upper
162 100
127 40.7 32.6 48.8
164 32.6 26.2 39.2

Manual Integrations

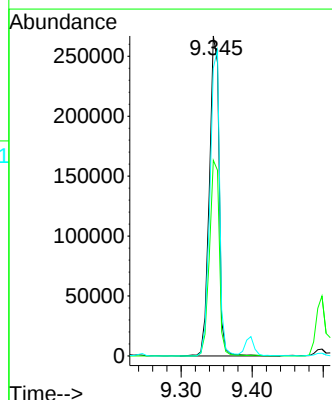
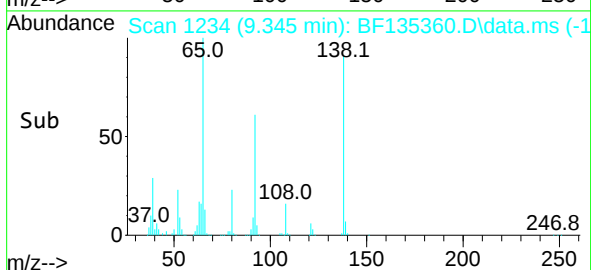
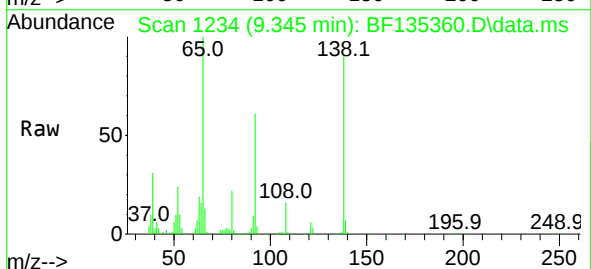
APPROVED

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



#48
2-Nitroaniline
Concen: 45.642 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

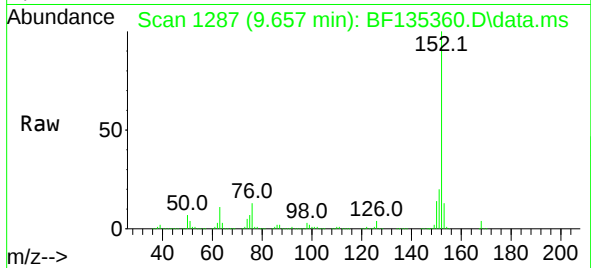
Tgt Ion: 65 Resp: 256418
Ion Ratio Lower Upper
65 100
92 61.2 49.4 74.0
138 90.0 77.4 116.0





#49
Acenaphthylene
Concen: 43.383 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

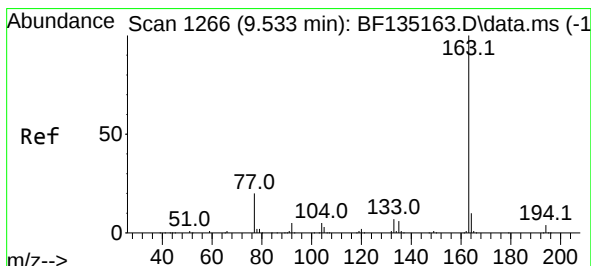
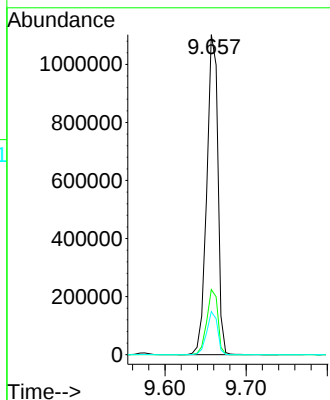
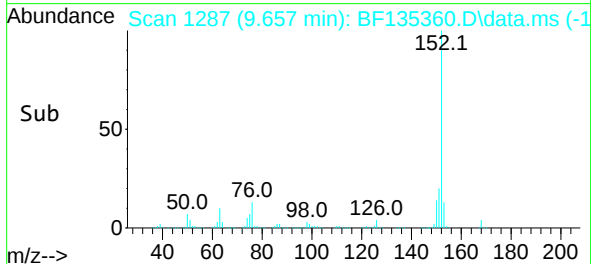
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



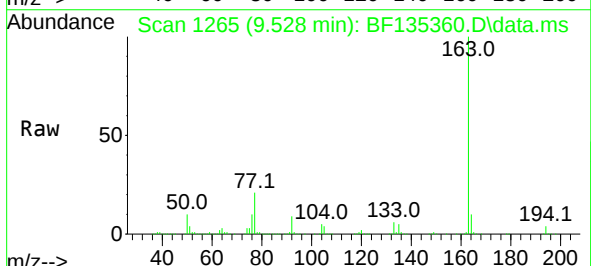
Tgt Ion:152 Resp: 1042638
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.4 15.6

Manual Integrations
APPROVED

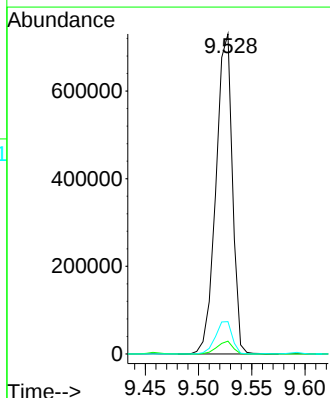
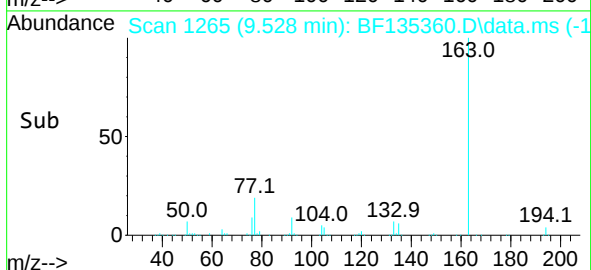
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

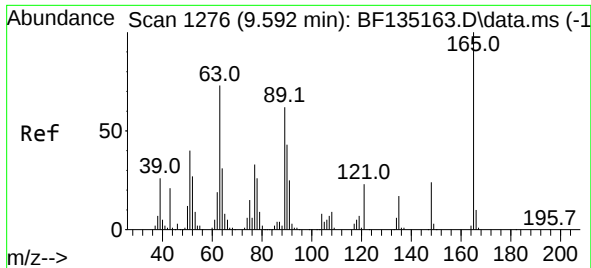


#50
Dimethylphthalate
Concen: 44.574 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:163 Resp: 781594
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.136 ng

RT: 9.592 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:165 Resp: 169539

Ion Ratio Lower Upper

165 100

63 65.1 59.4 89.2

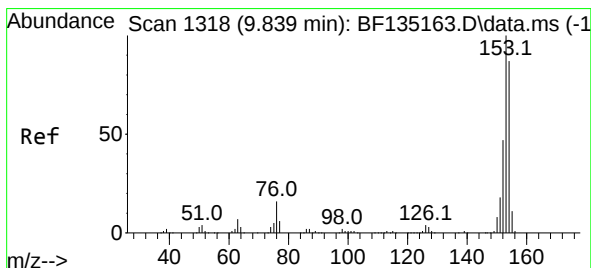
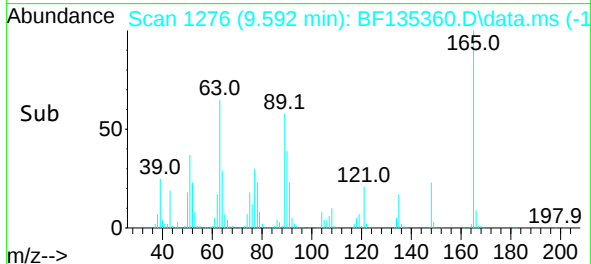
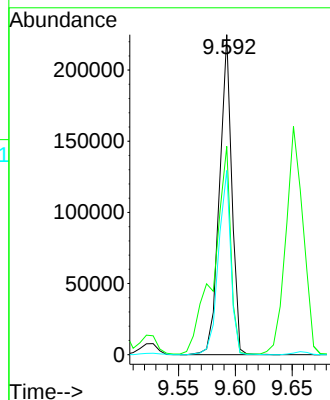
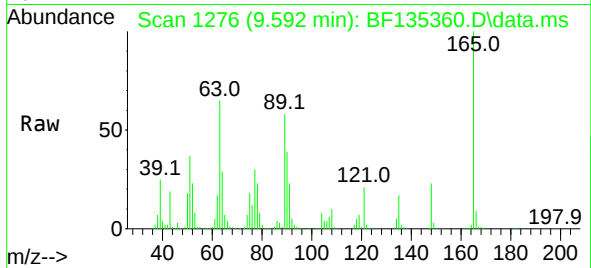
89 57.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#52

Acenaphthene

Concen: 42.519 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.005 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

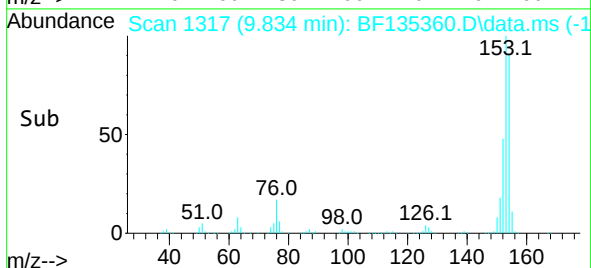
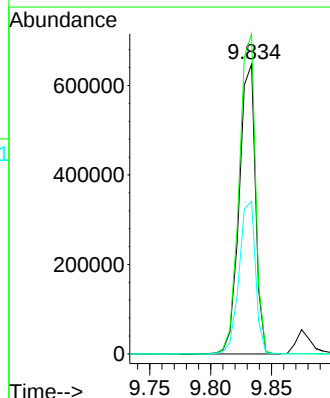
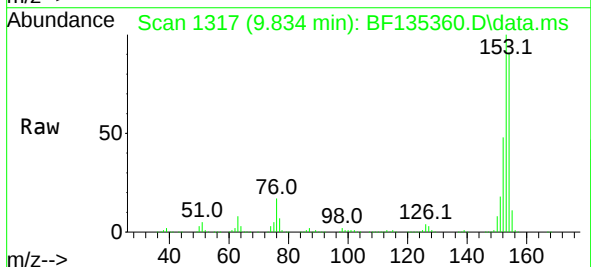
Tgt Ion:154 Resp: 603655

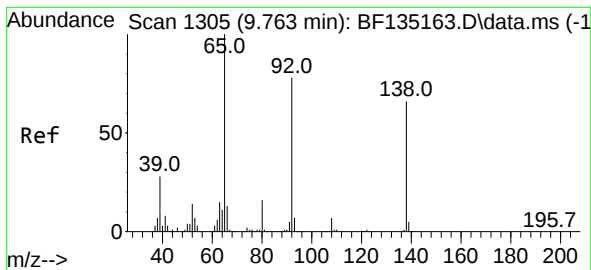
Ion Ratio Lower Upper

154 100

153 110.5 92.1 138.1

152 52.8 43.1 64.7





#53
3-Nitroaniline
Concen: 32.887 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

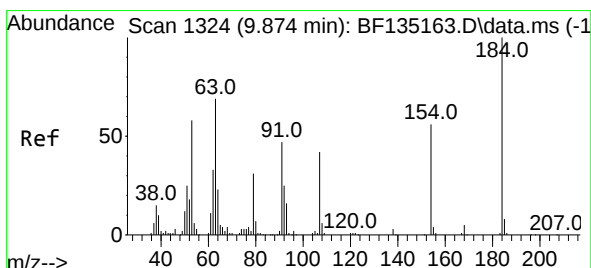
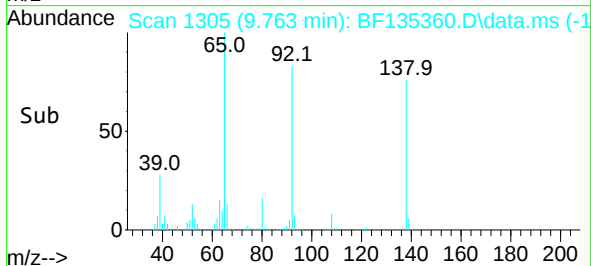
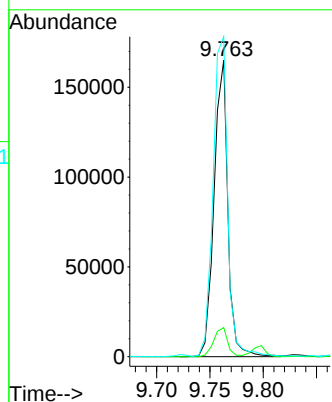
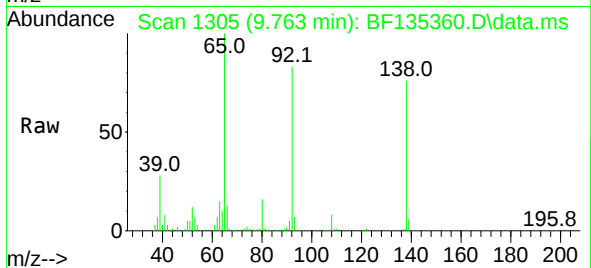
ClientSampleId :

CPT101-02MSD

Tgt Ion:138 Resp: 14828
Ion Ratio Lower Upper
138 100
108 9.8 8.5 12.7
92 107.9 95.4 143.0

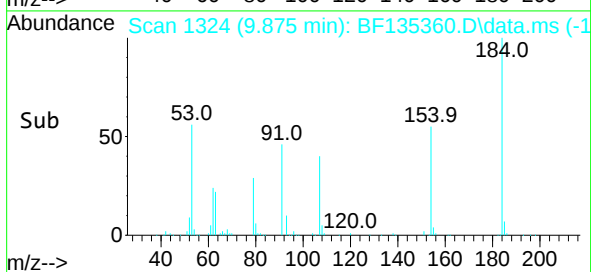
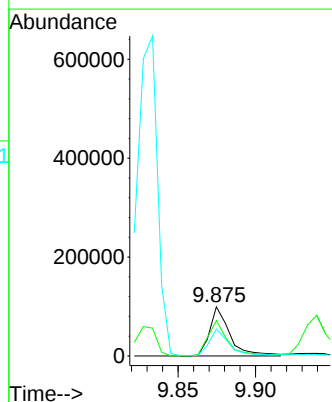
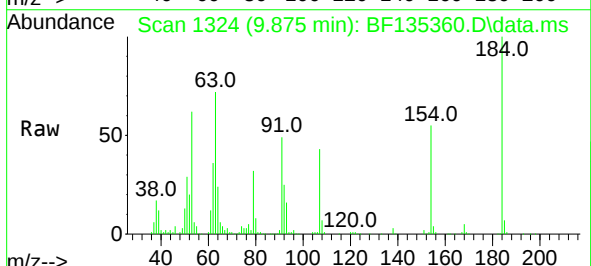
Manual Integrations
APPROVED

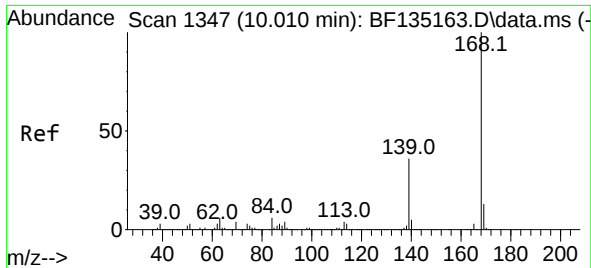
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#54
2,4-Dinitrophenol
Concen: 44.073 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

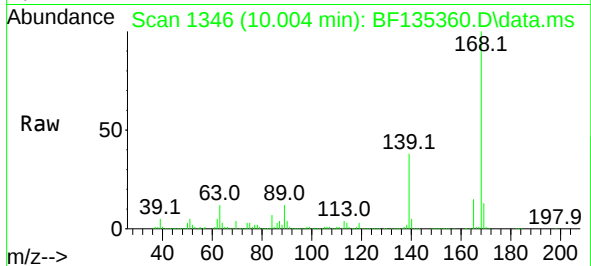
Tgt Ion:184 Resp: 89473
Ion Ratio Lower Upper
184 100
63 72.1 55.1 82.7
154 54.9 48.4 72.6





#55
Dibenzenofuran
Concen: 39.356 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

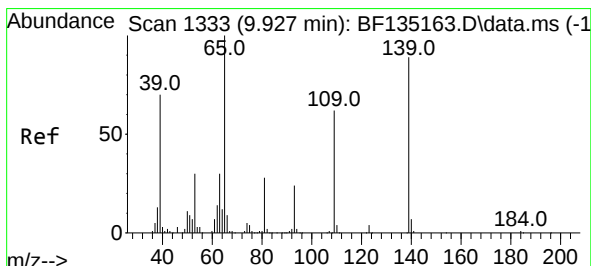
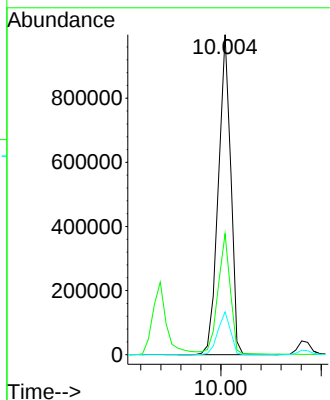
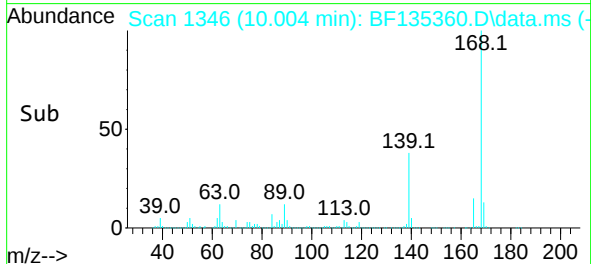
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



Tgt Ion:168 Resp: 85264
Ion Ratio Lower Upper
168 100
139 37.8 29.0 43.6
169 13.4 10.4 15.6

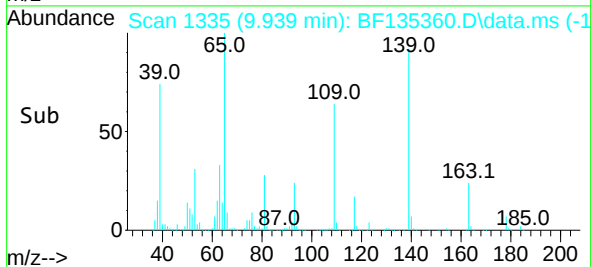
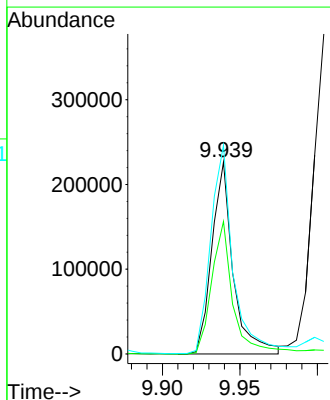
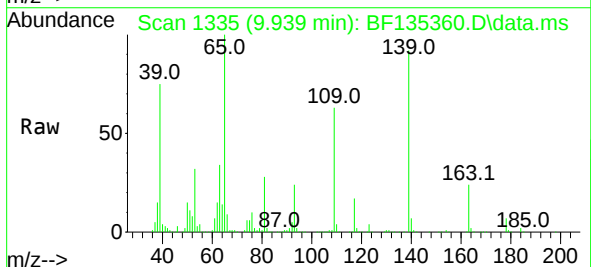
Manual Integrations
APPROVED

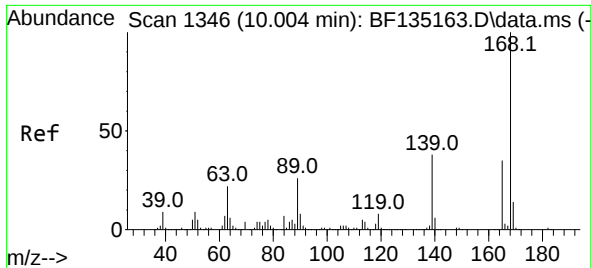
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#56
4-Nitrophenol
Concen: 76.005 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:139 Resp: 217811
Ion Ratio Lower Upper
139 100
109 69.0 49.8 89.8
65 108.8 92.7 132.7





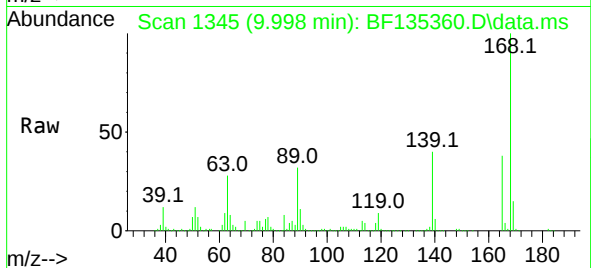
#57
2,4-Dinitrotoluene
Concen: 38.772 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

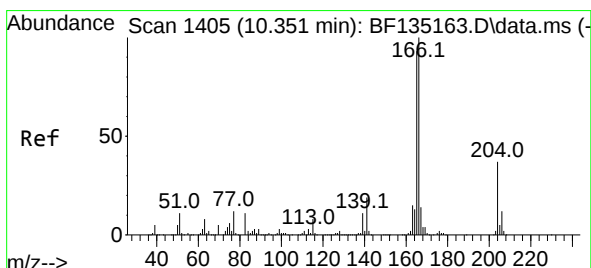
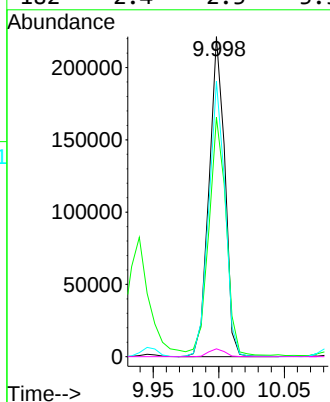
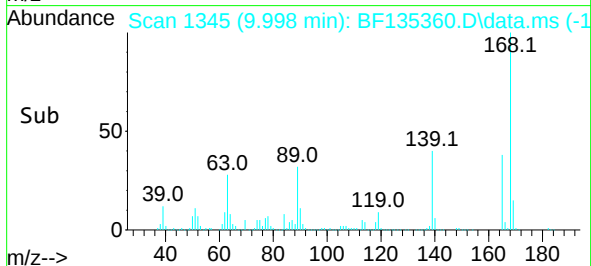


Tgt Ion:165 Resp: 18645
Ion Ratio Lower Upper
165 100
63 74.8 50.1 75.1
89 86.0 59.3 88.9
182 2.4 2.3 3.5

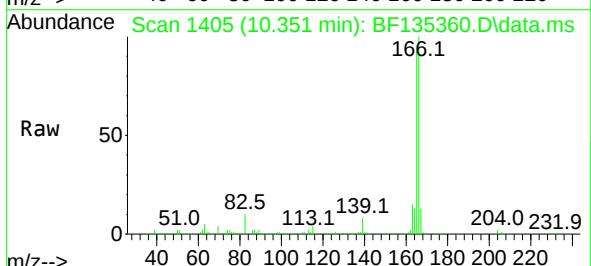
Manual Integrations

APPROVED

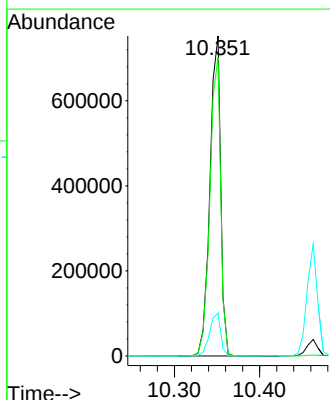
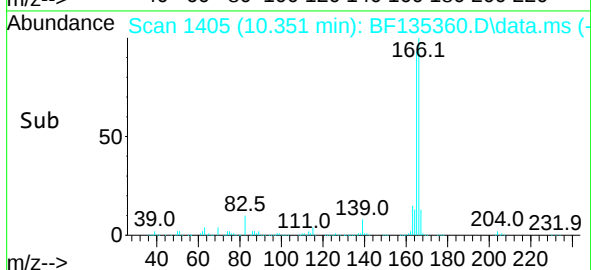
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#58
Fluorene
Concen: 39.550 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



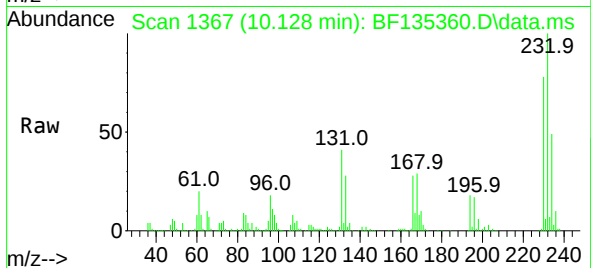
Tgt Ion:166 Resp: 658717
Ion Ratio Lower Upper
166 100
165 93.3 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.718 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

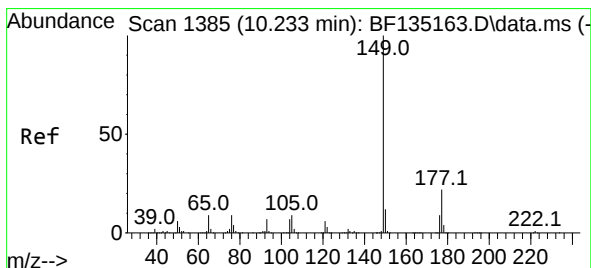
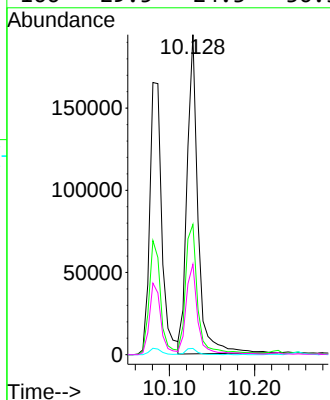
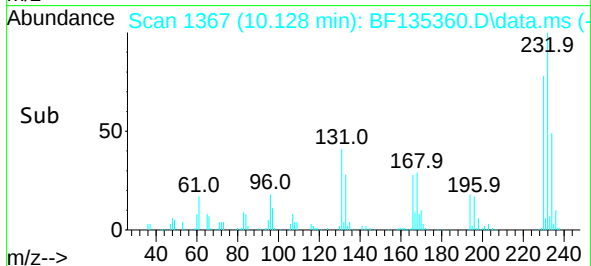
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



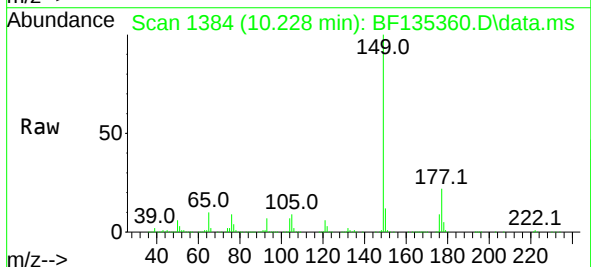
Tgt Ion:232 Resp: 17309
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.2 1.8 2.8
166 29.5 24.3 36.5

Manual Integrations
APPROVED

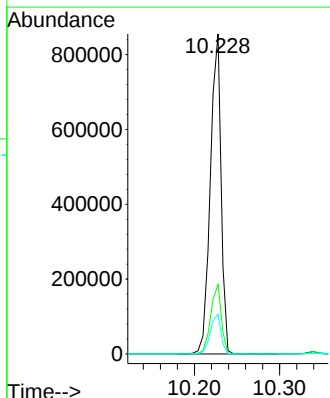
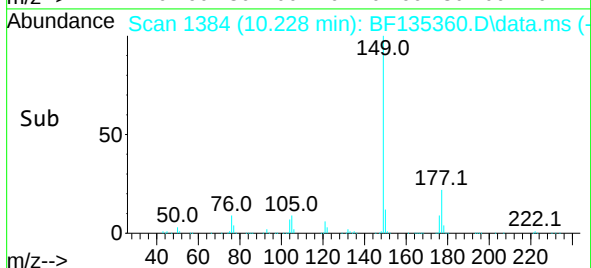
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

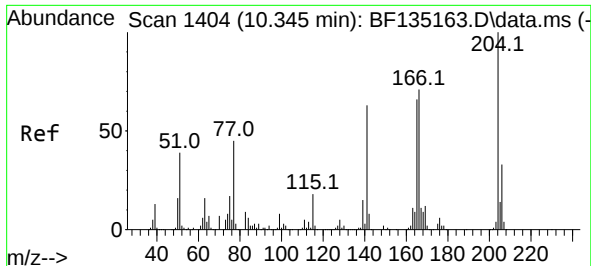


#60
Diethylphthalate
Concen: 42.705 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



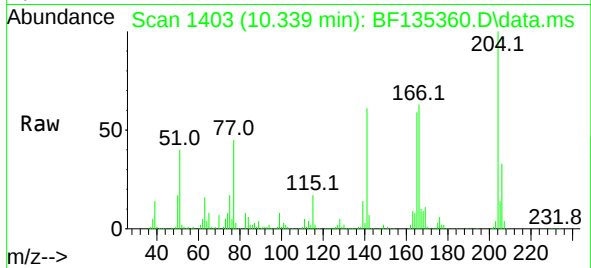
Tgt Ion:149 Resp: 751513
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.981 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

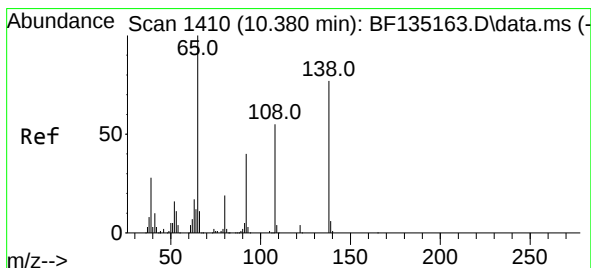
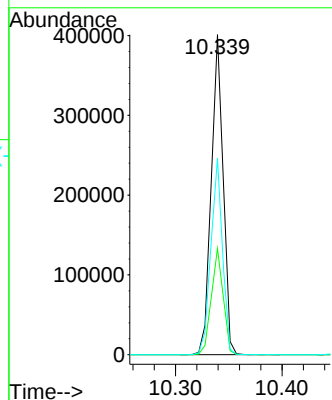
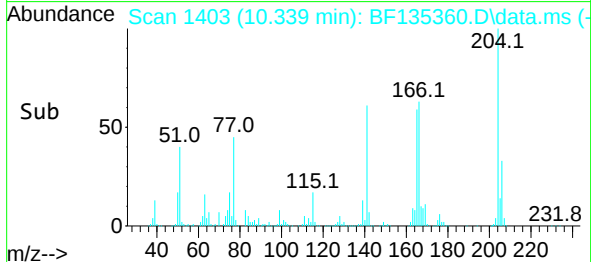
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



Tgt Ion:204 Resp: 311870
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.4 50.6 75.8

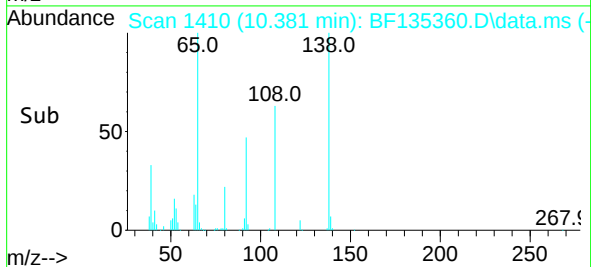
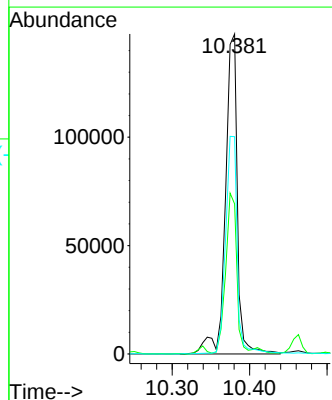
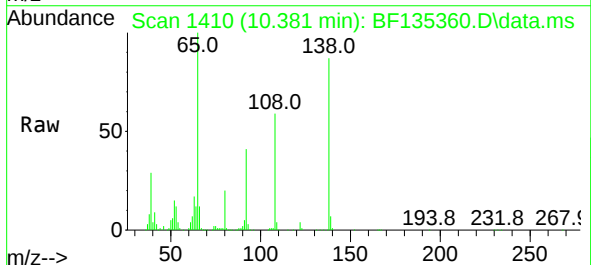
Manual Integrations
APPROVED

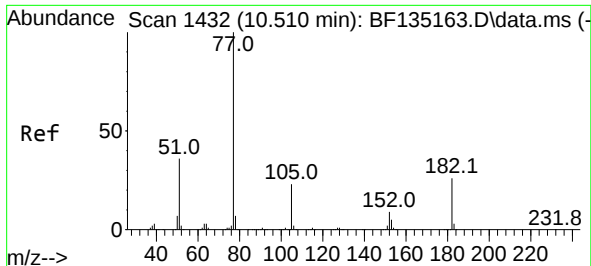
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#62
4-Nitroaniline
Concen: 36.810 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:138 Resp: 159547
Ion Ratio Lower Upper
138 100
92 46.9 31.8 71.8
108 67.9 52.0 92.0





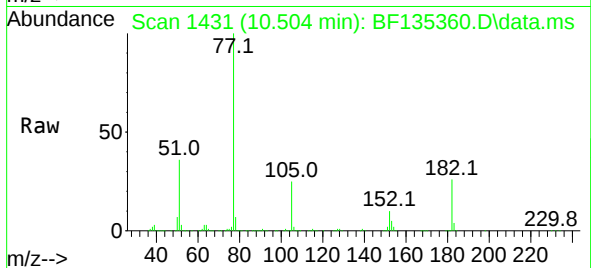
#63
Azobenzene
Concen: 42.286 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

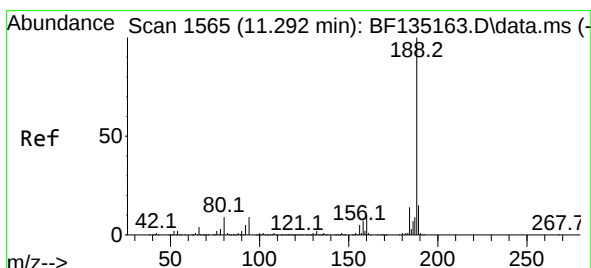
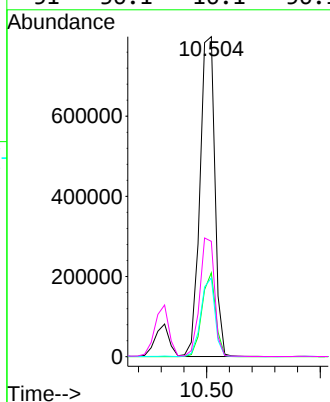
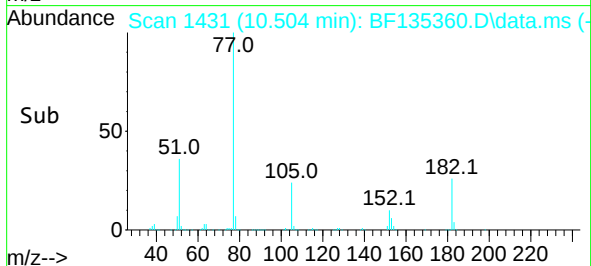


Tgt Ion: 77 Resp: 728289
Ion Ratio Lower Upper
77 100
182 26.2 6.4 46.4
105 24.6 3.1 43.1
51 36.1 16.1 56.1

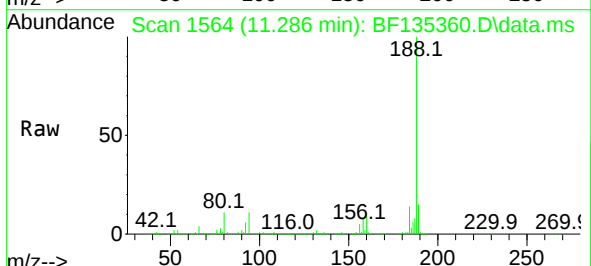
Manual Integrations

APPROVED

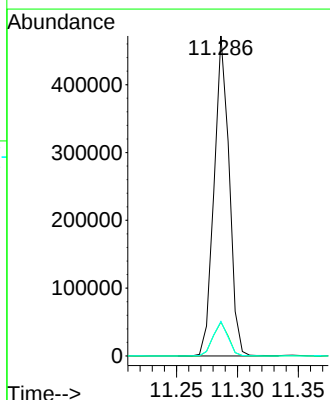
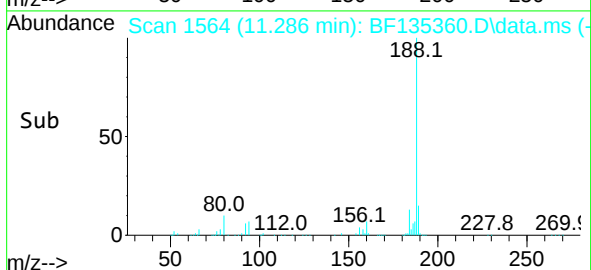
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

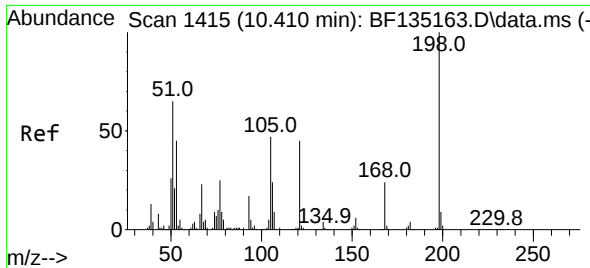


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:188 Resp: 406362
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.8 7.5 11.3





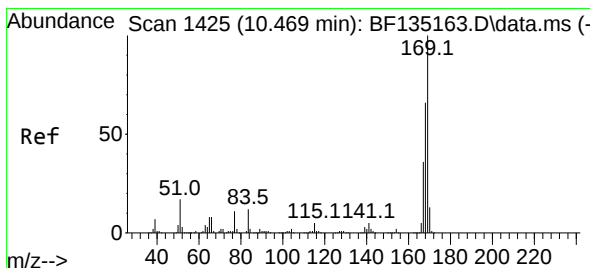
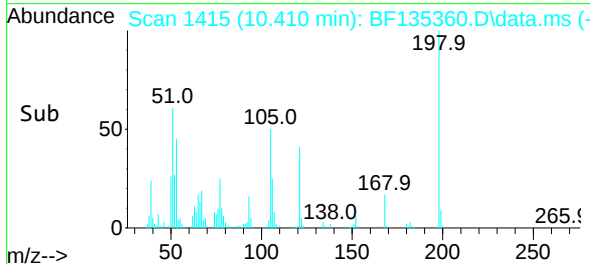
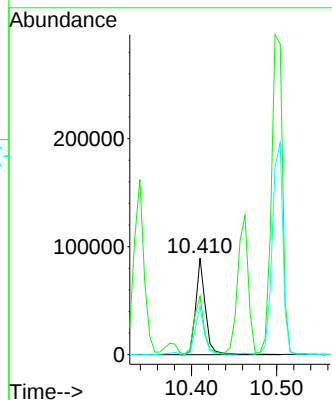
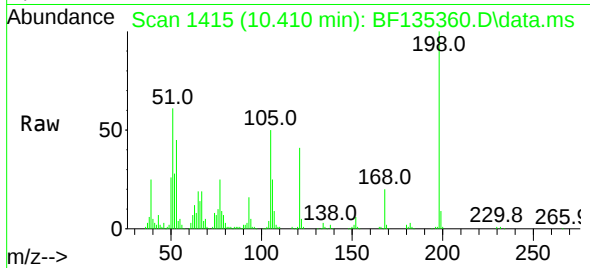
#65
4,6-Dinitro-2-methylphenol
Concen: 32.534 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD

Tgt Ion:198 Resp: 70218
Ion Ratio Lower Upper
198 100
51 60.7 47.7 87.7
105 49.8 27.4 67.4

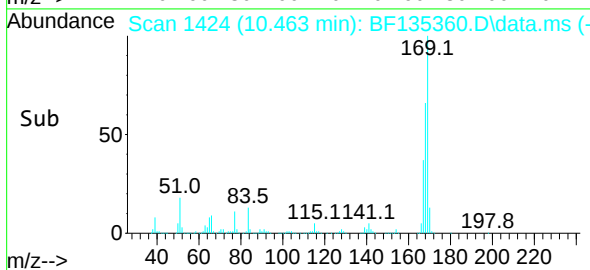
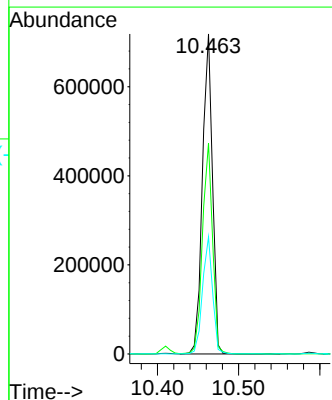
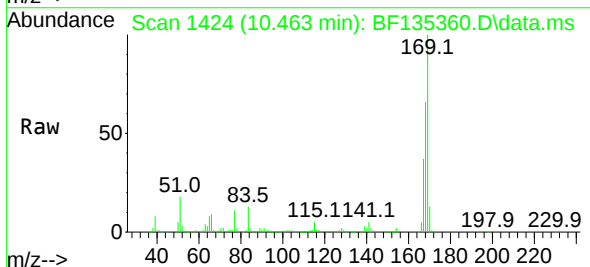
Manual Integrations
APPROVED

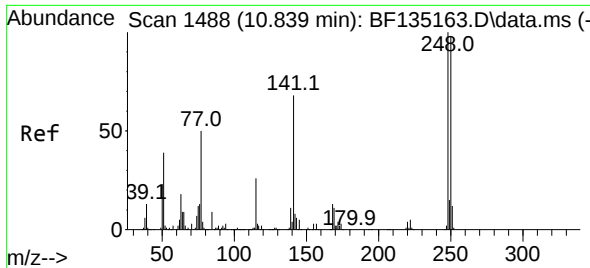
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#66
n-Nitrosodiphenylamine
Concen: 50.174 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

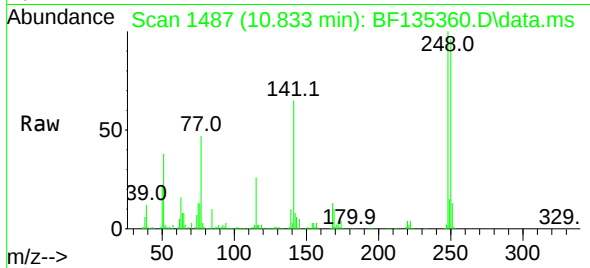
Tgt Ion:169 Resp: 617261
Ion Ratio Lower Upper
169 100
168 65.9 52.8 79.2
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.554 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

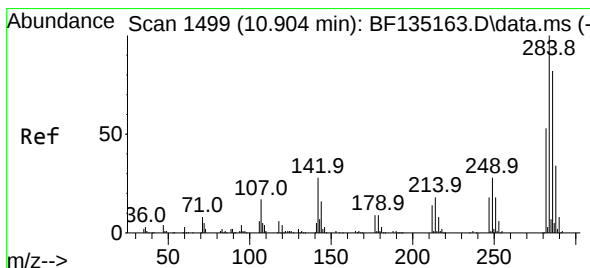
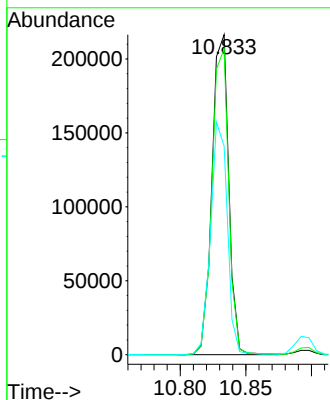
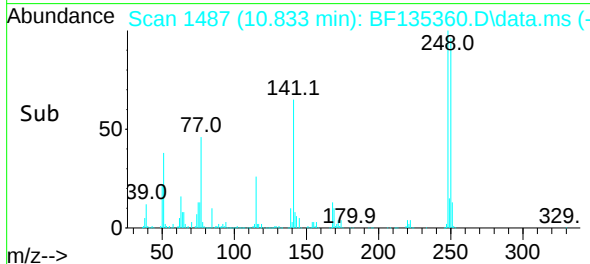
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



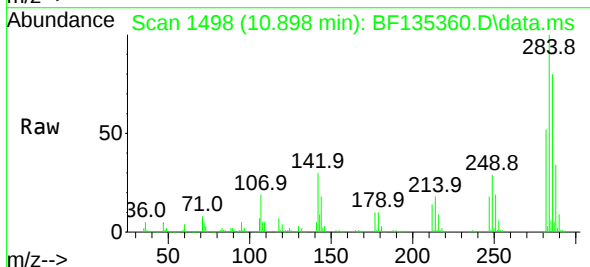
Tgt Ion:248 Resp: 19219
Ion Ratio Lower Upper
248 100
250 95.7 78.6 117.8
141 65.2 54.2 81.2

Manual Integrations
APPROVED

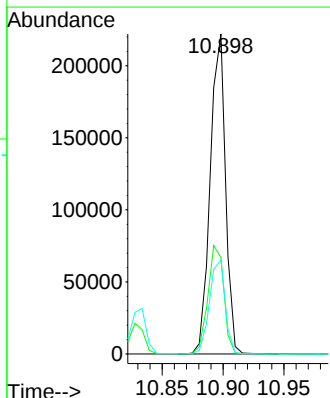
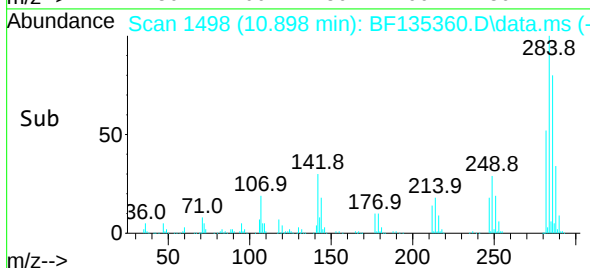
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

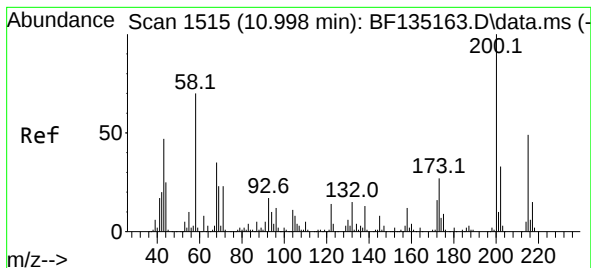


#68
Hexachlorobenzene
Concen: 47.252 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:284 Resp: 194555
Ion Ratio Lower Upper
284 100
142 30.1 22.2 33.4
249 29.3 22.5 33.7





#69

Atrazine

Concen: 55.754 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135360.D

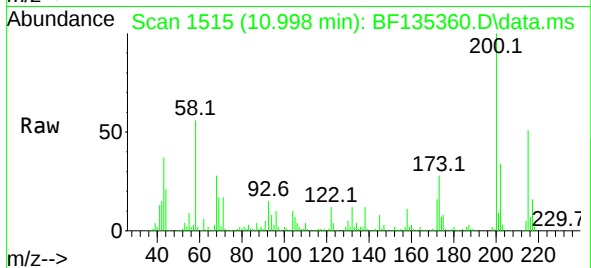
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD



Tgt Ion:200 Resp: 184558

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

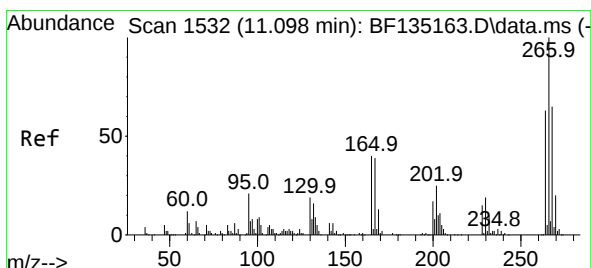
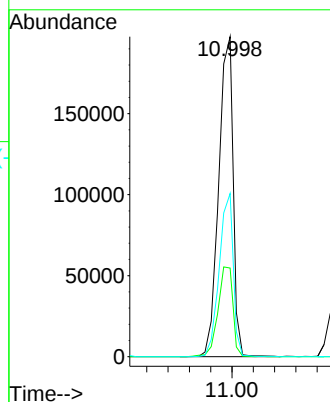
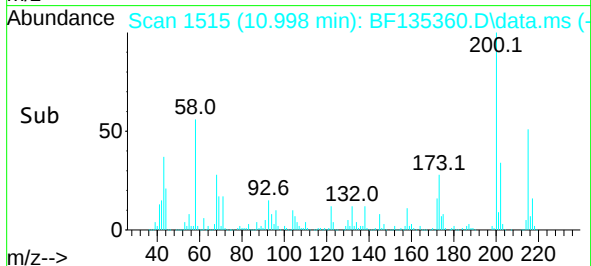
215 51.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#70

Pentachlorophenol

Concen: 69.584 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

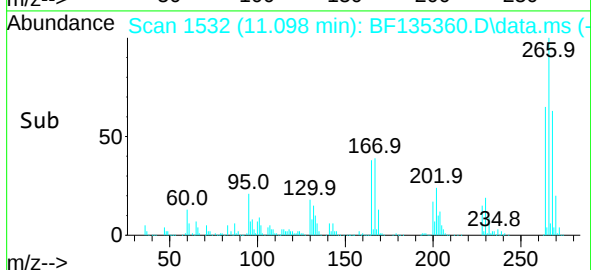
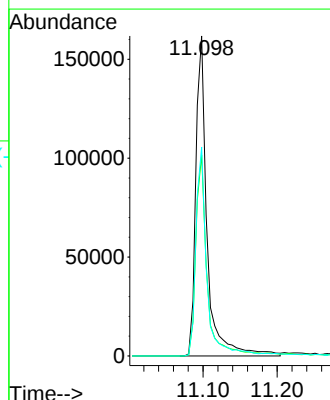
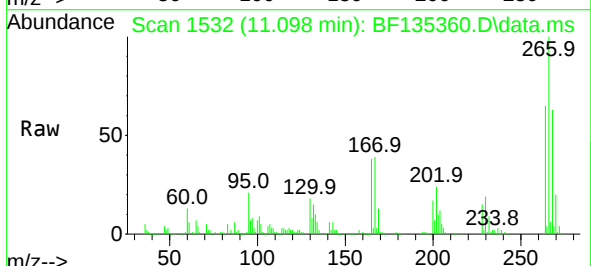
Tgt Ion:266 Resp: 171418

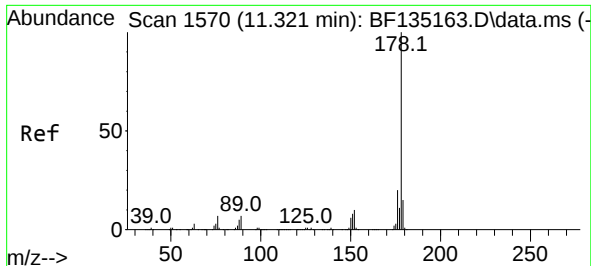
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

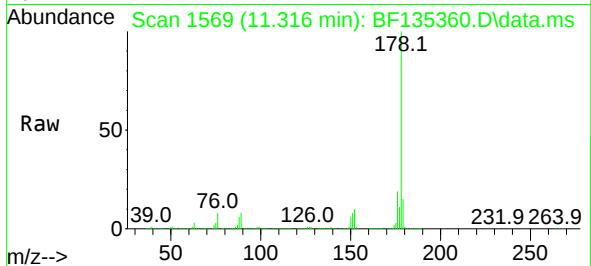
264 65.3 50.8 76.2





#71
Phenanthrene
Concen: 44.871 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

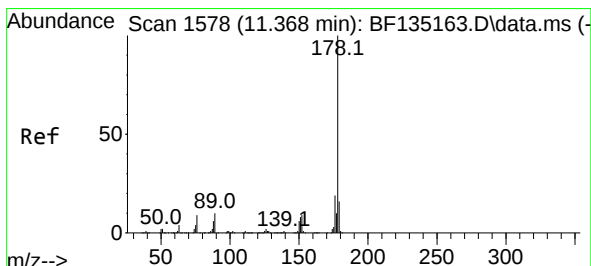
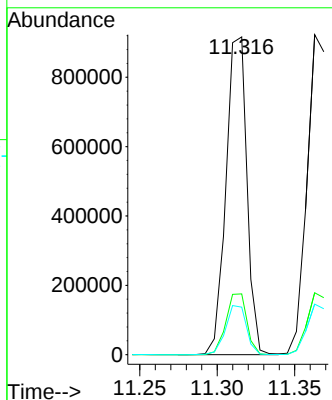
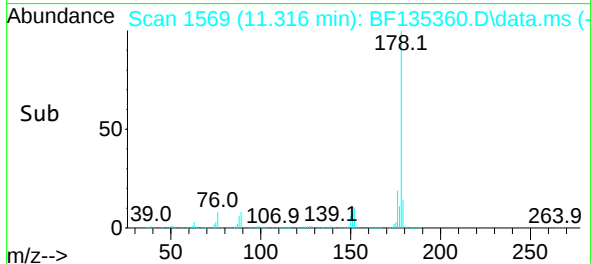
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



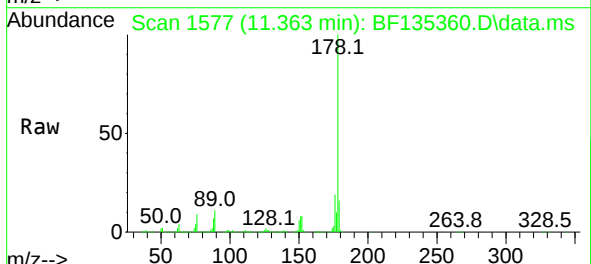
Tgt Ion:178 Resp: 862380
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 14.9 12.0 18.0

Manual Integrations
APPROVED

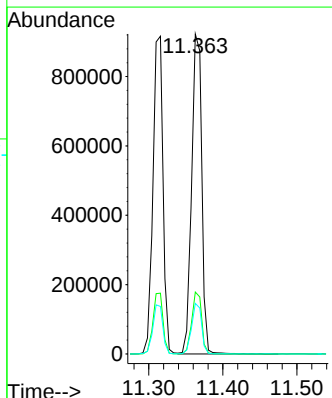
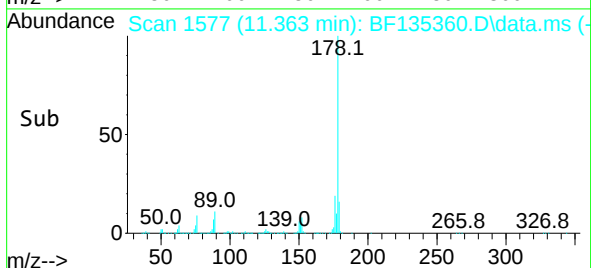
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

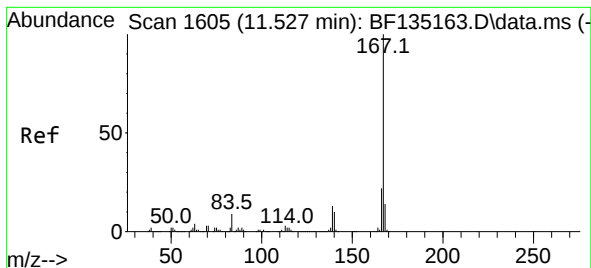


#72
Anthracene
Concen: 44.299 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



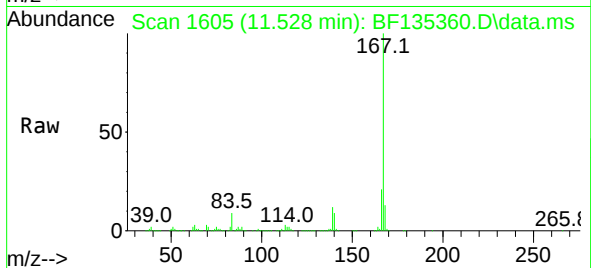
Tgt Ion:178 Resp: 875135
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 44.053 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135360.D
 Acq: 20 Sep 2023 16:36

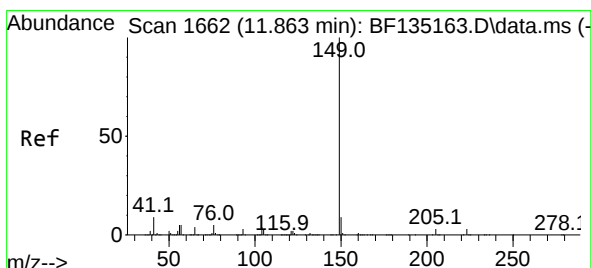
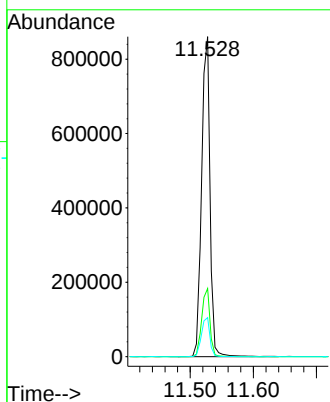
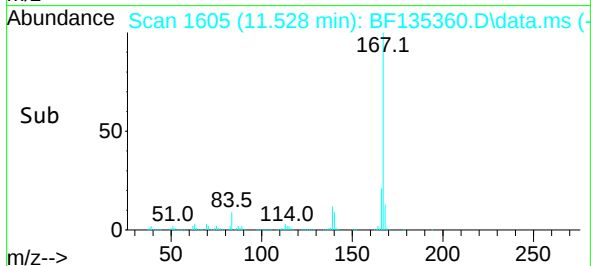
Instrument :
 BNA_F
 ClientSampleId :
 CPT101-02MSD



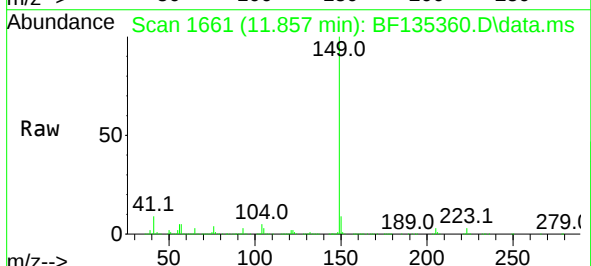
Tgt Ion:167 Resp: 792228
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.2 10.6 15.8

Manual Integrations
 APPROVED

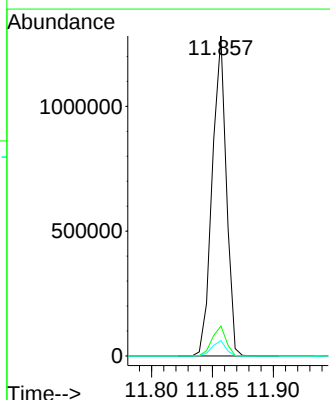
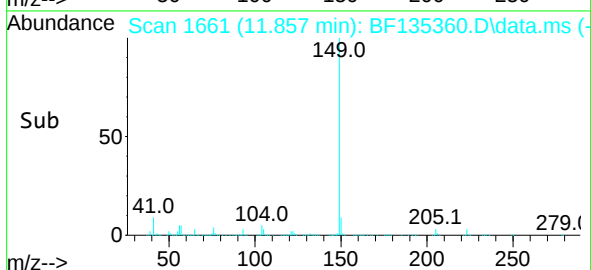
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

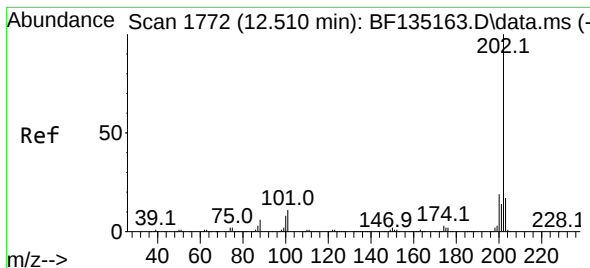


#74
 Di-n-butylphthalate
 Concen: 48.664 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135360.D
 Acq: 20 Sep 2023 16:36



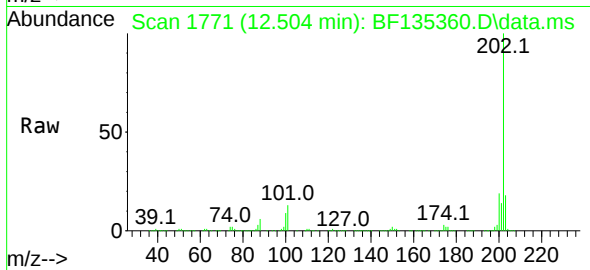
Tgt Ion:149 Resp: 1031244
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 40.467 ng
RT: 12.504 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

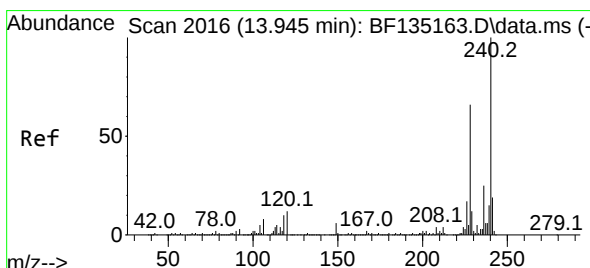
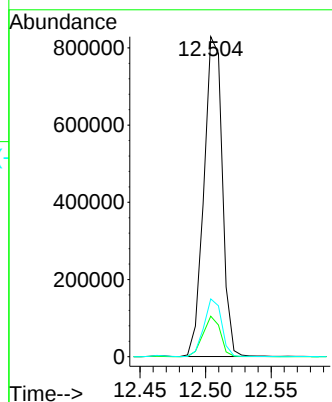
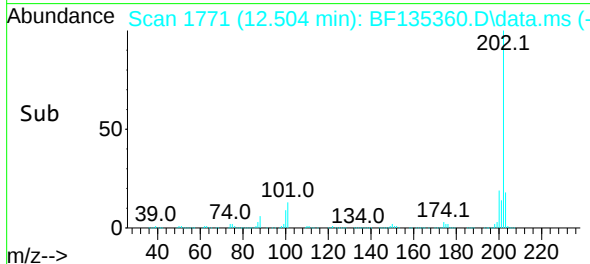
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



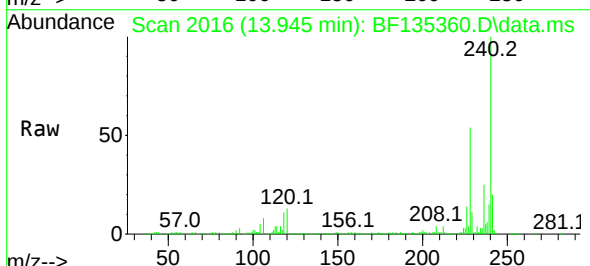
Tgt Ion:202 Resp: 810402
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.3
203 18.0 0.0 37.4

Manual Integrations
APPROVED

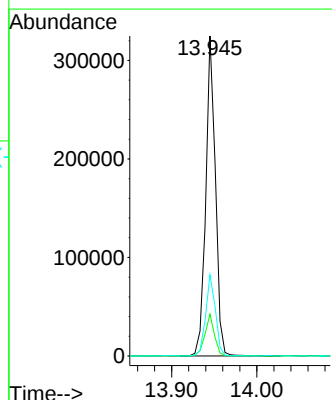
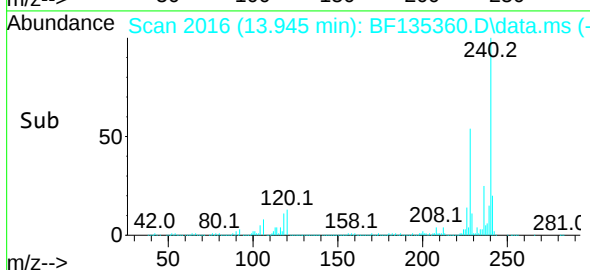
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

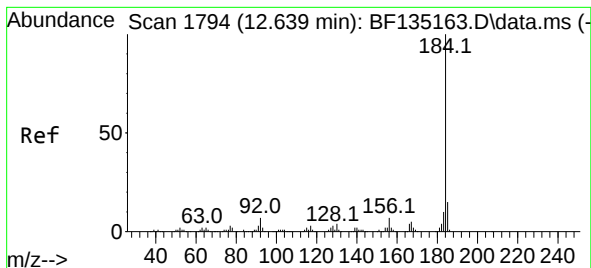


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36



Tgt Ion:240 Resp: 255052
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 81.110 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:184 Resp: 42381

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

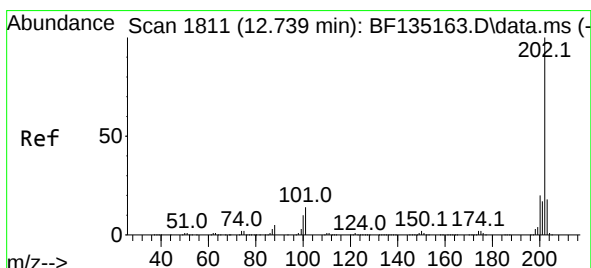
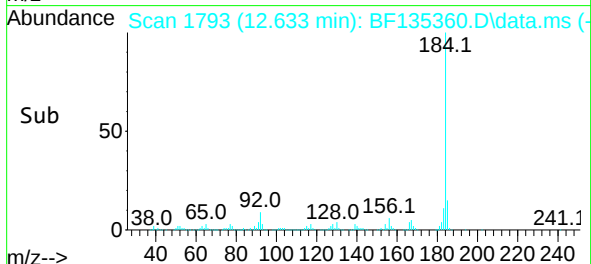
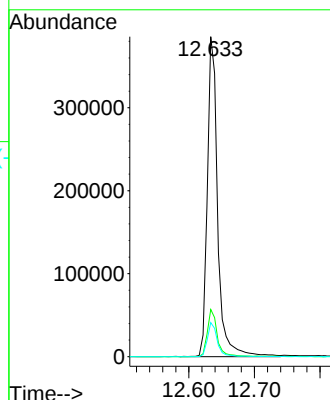
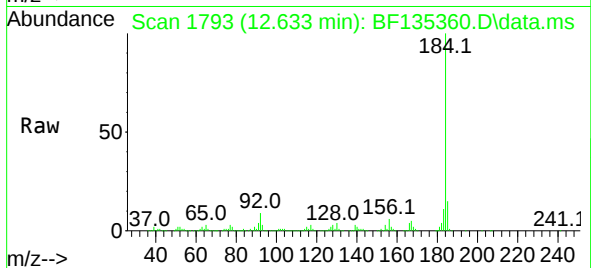
183 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#78

Pyrene

Concen: 34.623 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

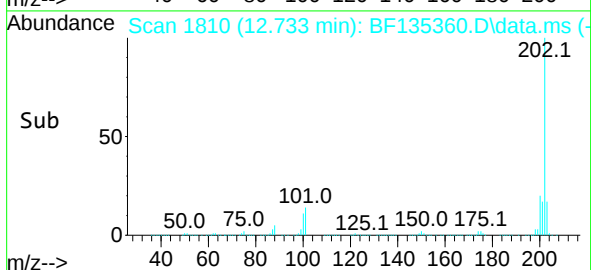
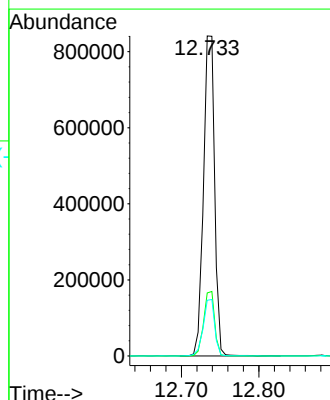
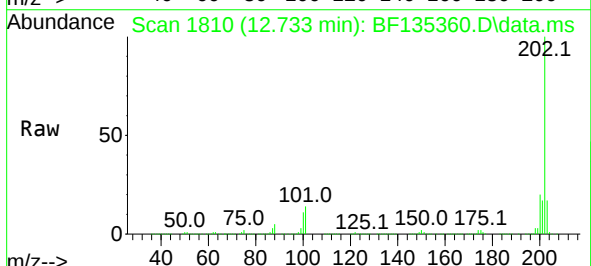
Tgt Ion:202 Resp: 840748

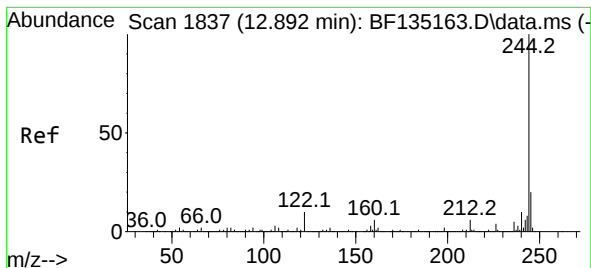
Ion Ratio Lower Upper

202 100

200 19.7 16.2 24.2

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 35.225 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135360.D

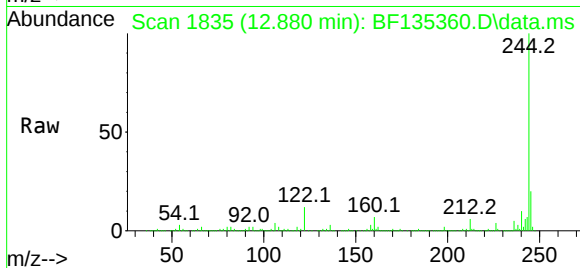
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD



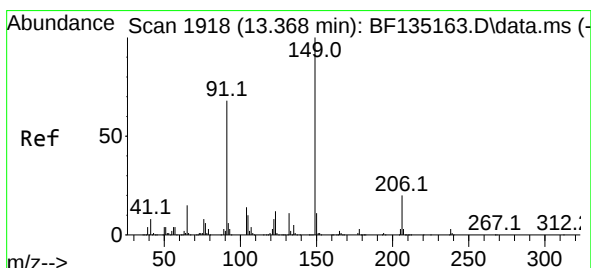
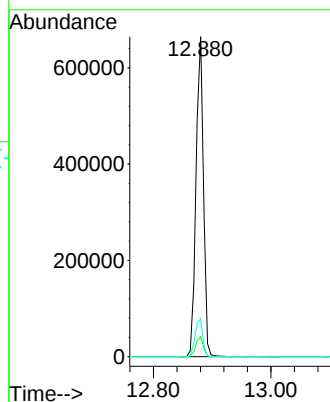
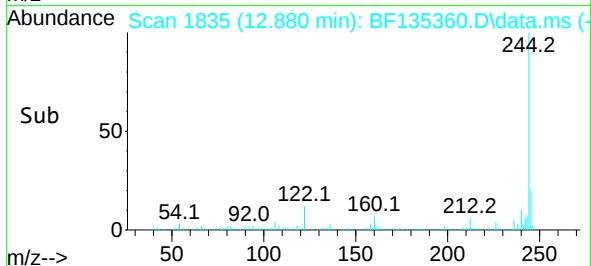
Tgt Ion:	244	Resp:	57955
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.1	7.7
122	11.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#80

Butylbenzylphthalate

Concen: 41.143 ng

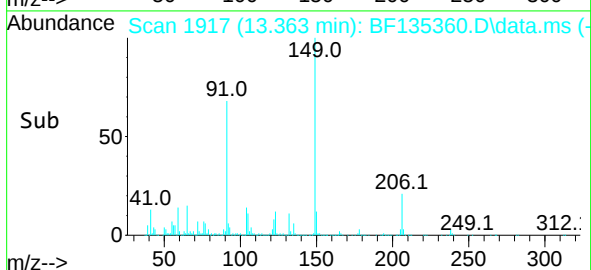
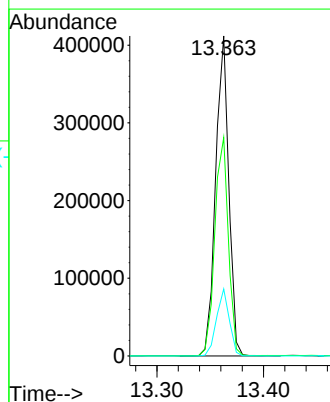
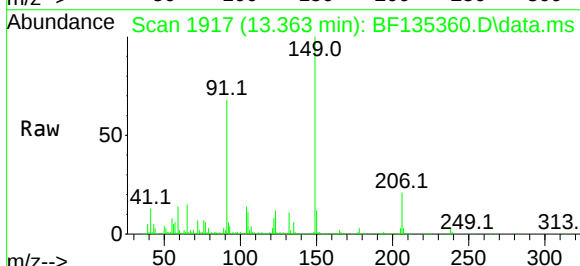
RT: 13.363 min Scan# 1917

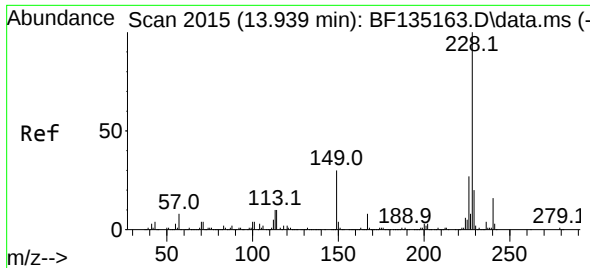
Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

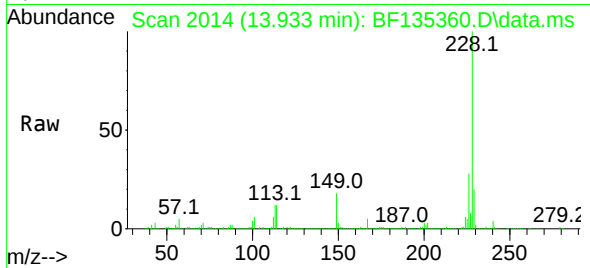
Tgt Ion:	149	Resp:	351759
Ion Ratio	Lower	Upper	
149	100		
91	68.3	54.7	82.1
206	20.9	16.3	24.5





#81
Benzo(a)anthracene
Concen: 44.620 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

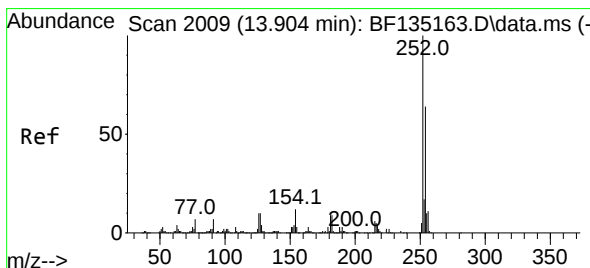
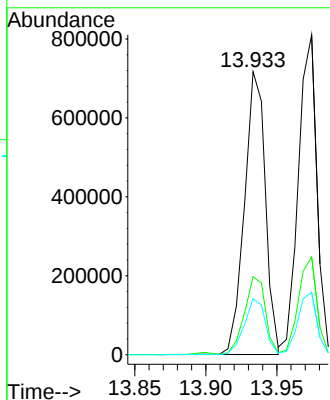
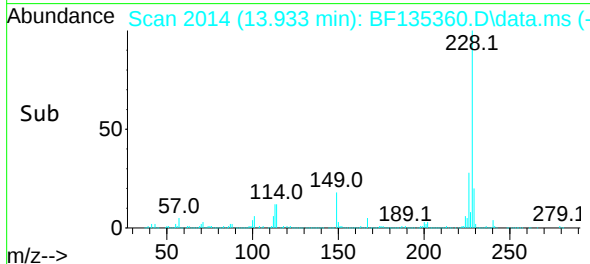
Instrument :
BNA_F
ClientSampleId :
CPT101-02MSD



Tgt Ion:228 Resp: 734864
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 19.8 15.8 23.8

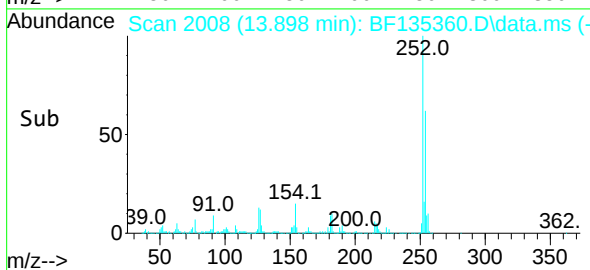
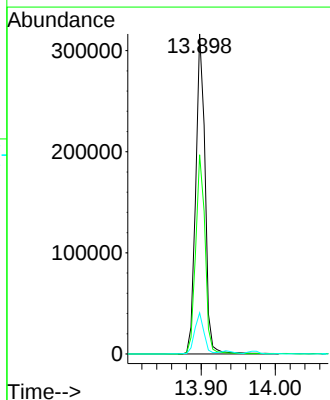
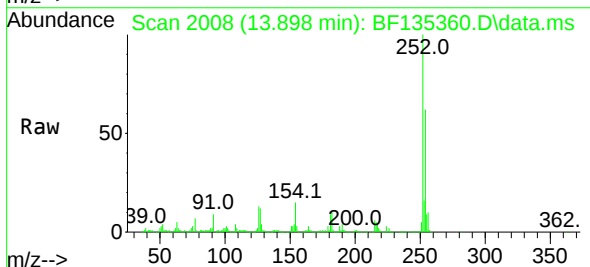
Manual Integrations
APPROVED

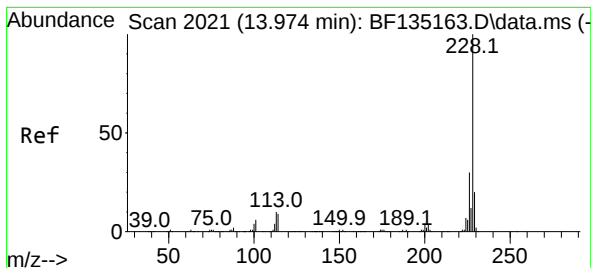
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#82
3,3'-Dichlorobenzidine
Concen: 53.772 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:252 Resp: 276619
Ion Ratio Lower Upper
252 100
254 62.2 51.0 76.4
126 12.9 7.8 11.8





#83

Chrysene

Concen: 44.800 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

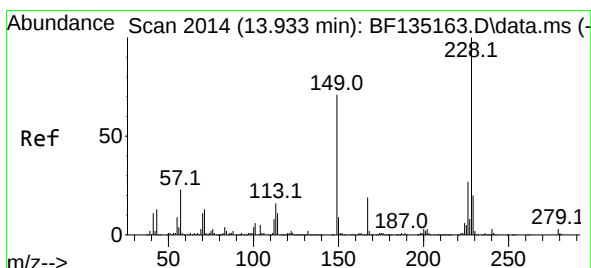
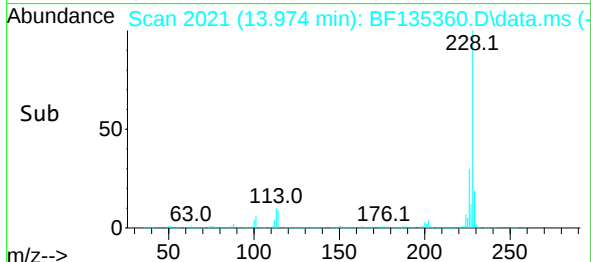
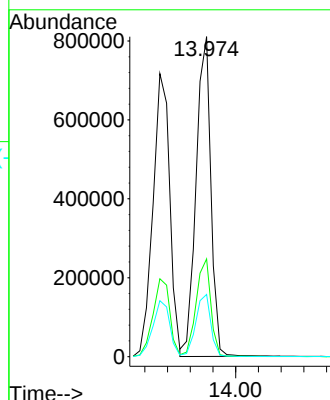
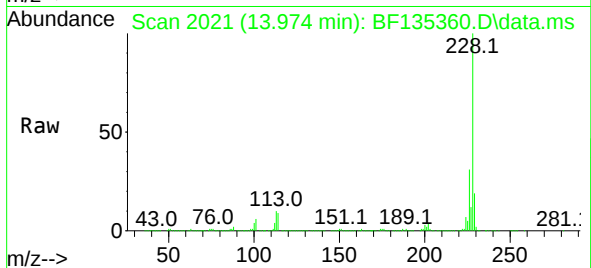
Tgt Ion:	228	Resp:	733564
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.3	36.5
229	19.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.455 ng

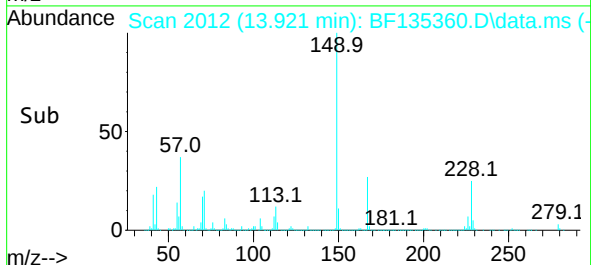
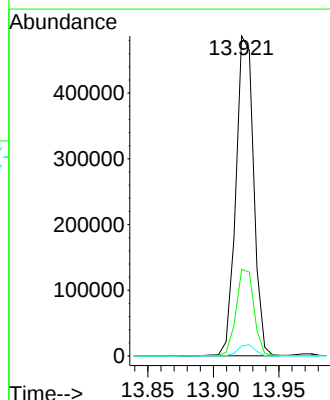
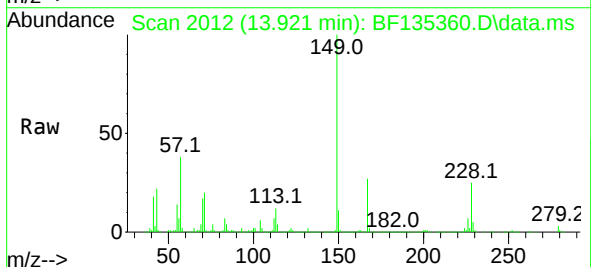
RT: 13.921 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Tgt Ion:	149	Resp:	460205
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.9	32.9
279	3.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 64.659 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:149 Resp: 901512

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

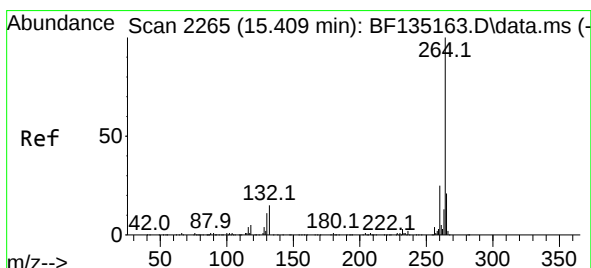
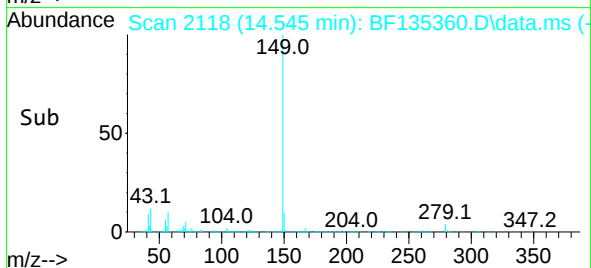
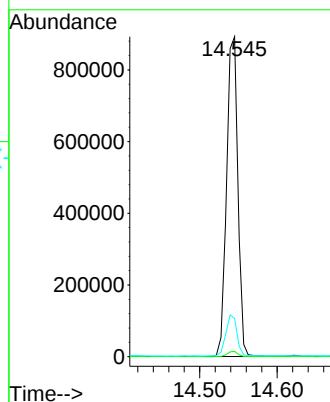
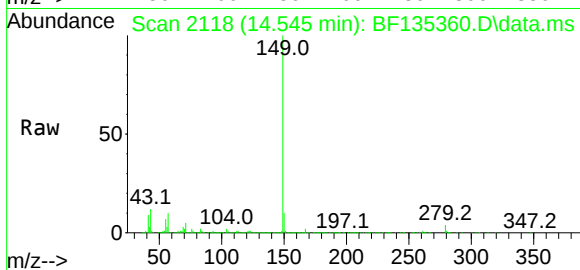
43 12.5 9.8 14.6

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: BF135360.D

Acq: 20 Sep 2023 16:36

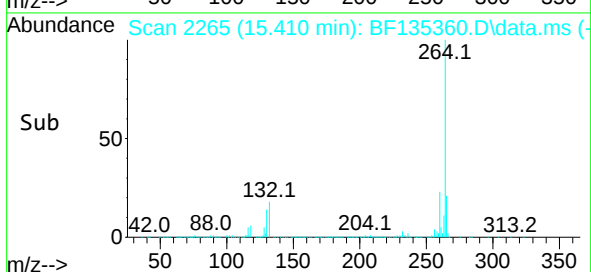
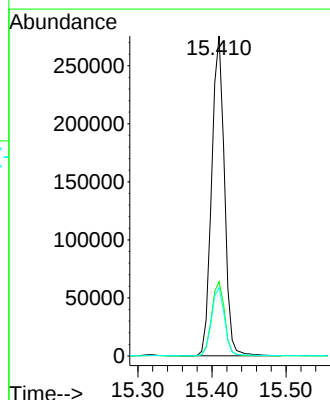
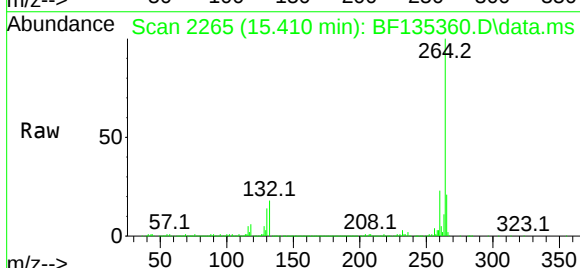
Tgt Ion:264 Resp: 329340

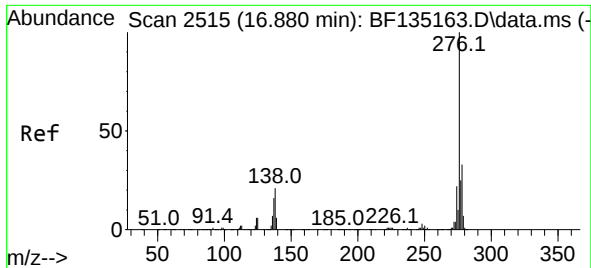
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.3 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.251 ng
 RT: 16.892 min Scan# 2117
 Delta R.T. 0.012 min
 Lab File: BF135360.D
 Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

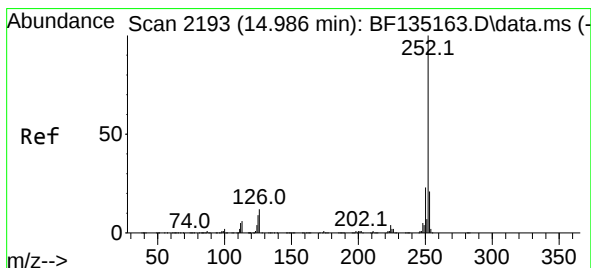
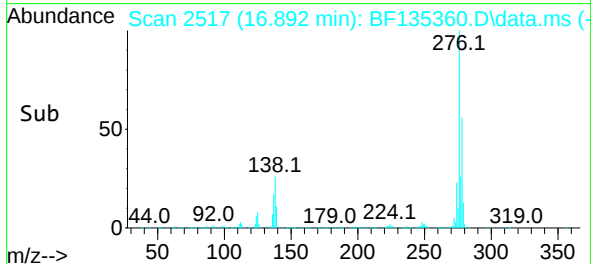
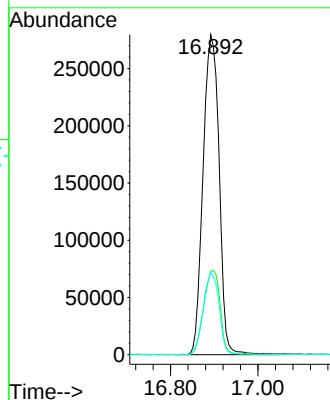
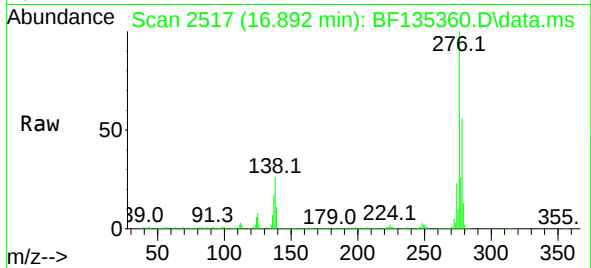
CPT101-02MSD

Tgt Ion:276 Resp: 718009
 Ion Ratio Lower Upper
 276 100
 138 27.0 19.2 28.8
 277 25.2 19.7 29.5

Manual Integrations

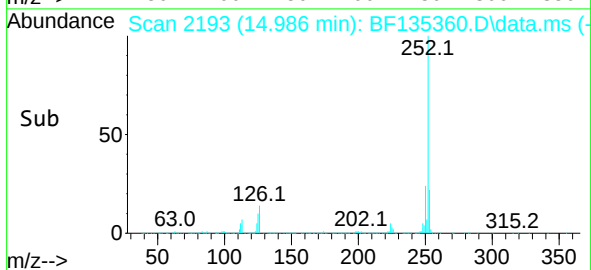
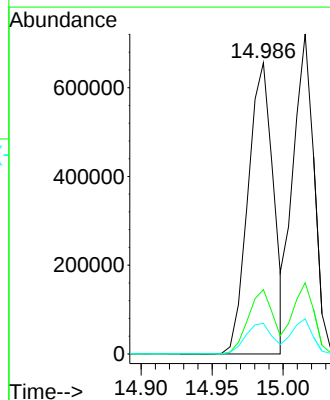
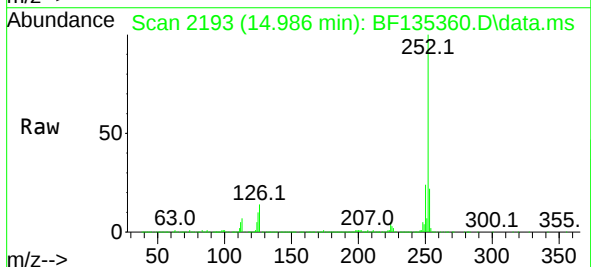
APPROVED

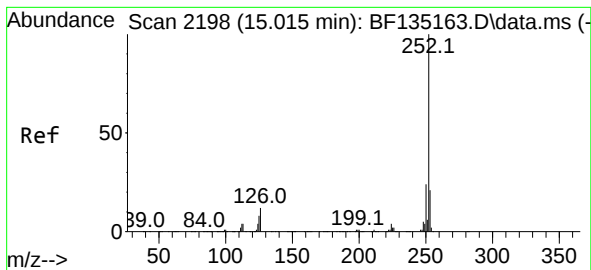
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#88
 Benzo(b)fluoranthene
 Concen: 45.660 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135360.D
 Acq: 20 Sep 2023 16:36

Tgt Ion:252 Resp: 814051
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 10.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 42.354 ng m

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

CPT101-02MSD

Tgt Ion:252 Resp: 74591

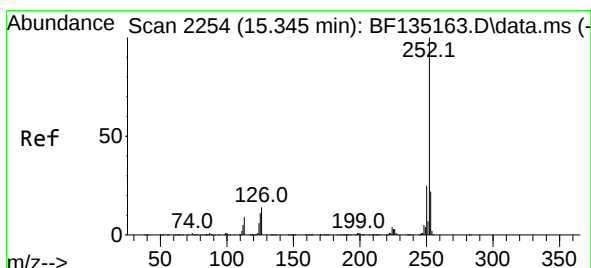
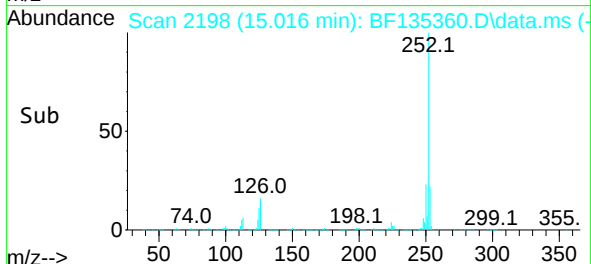
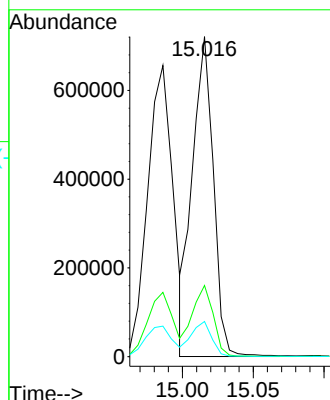
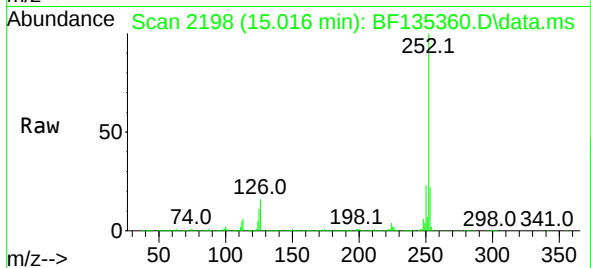
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#90

Benzo(a)pyrene

Concen: 42.250 ng

RT: 15.351 min Scan# 2255

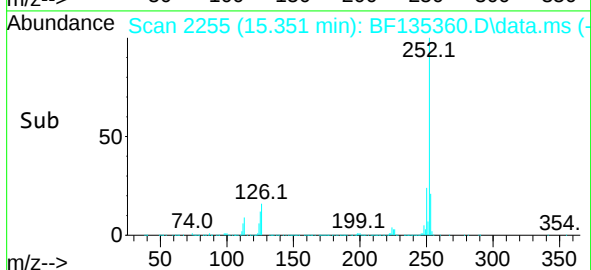
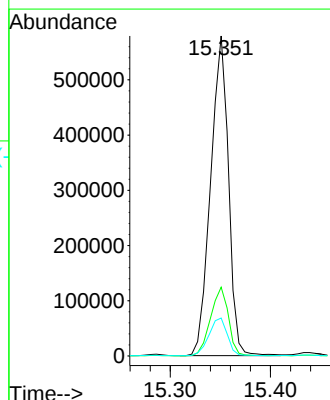
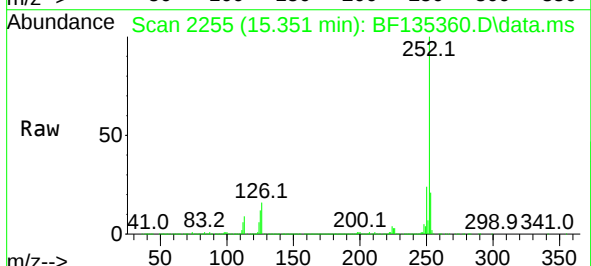
Delta R.T. 0.006 min

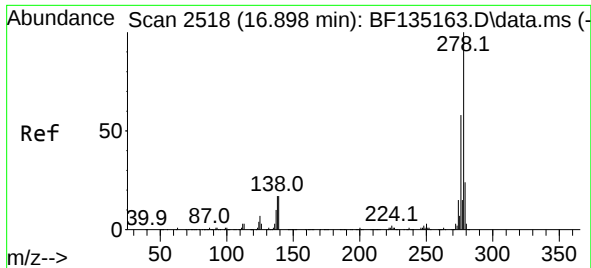
Lab File: BF135360.D

Acq: 20 Sep 2023 16:36

Tgt Ion:252 Resp: 718321

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.9	9.2	13.8





#91
Dibenzo(a,h)anthracene
Concen: 33.596 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Instrument :

BNA_F

ClientSampleId :

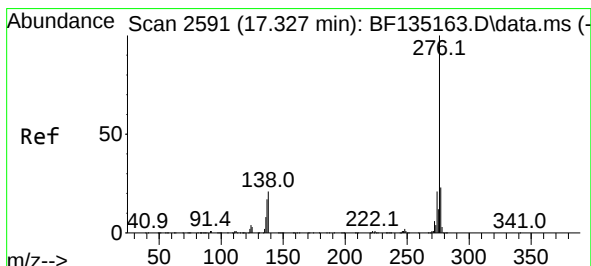
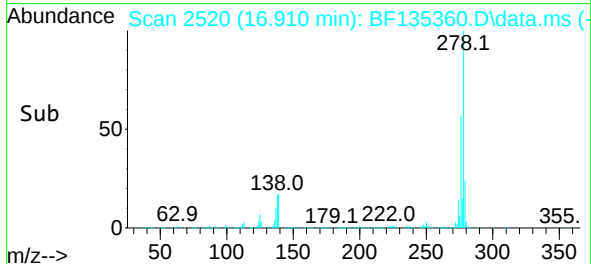
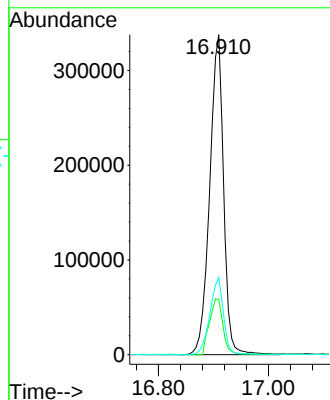
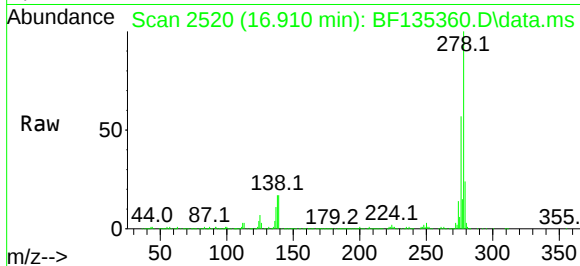
CPT101-02MSD

Tgt Ion:278 Resp: 59358
Ion Ratio Lower Upper
278 100
139 17.2 13.4 20.0
279 24.1 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: 29.638 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135360.D
Acq: 20 Sep 2023 16:36

Tgt Ion:276 Resp: 546893
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 23.2 16.9 25.3

