

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135776.D
 Acq On : 16 Oct 2023 14:45
 Operator : CG\JU
 Sample : 04791-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:32:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	91388	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	342350	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	176879	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	332005	20.000	ng	0.00
76) Chrysene-d12	13.939	240	172719	20.000	ng	-0.01
86) Perylene-d12	15.415	264	196583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	620757	109.207	ng	0.00
7) Phenol-d6	6.392	99	727110	102.520	ng	0.00
23) Nitrobenzene-d5	7.310	82	465818	74.835	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	176023	103.708	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	795853	70.349	ng	0.00
79) Terphenyl-d14	12.868	244	817156	87.616	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	121447	44.295	ng	100
3) Pyridine	3.222	79	279898	41.607	ng	97
4) n-Nitrosodimethylamine	3.187	42	184594	51.026	ng	96
6) Aniline	6.410	93	246345	27.601	ng	# 31
8) 2-Chlorophenol	6.528	128	312492	50.980	ng	97
9) Benzaldehyde	6.298	77	141814	35.131	ng	99
10) Phenol	6.410	94	376977	50.727	ng	82
11) bis(2-Chloroethyl)ether	6.481	93	301242	50.309	ng	98
12) 1,3-Dichlorobenzene	6.675	146	318129	51.193	ng	98
13) 1,4-Dichlorobenzene	6.757	146	318117	50.533	ng	98
14) 1,2-Dichlorobenzene	6.904	146	302512	53.370	ng	99
15) Benzyl Alcohol	6.892	79	245659	52.093	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	539198	49.789	ng	85
17) 2-Methylphenol	7.010	107	251022	47.306	ng	96
18) Hexachloroethane	7.239	117	121283	53.136	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	208154	47.467	ng	100
20) 3+4-Methylphenols	7.163	107	320718	48.482	ng	89
22) Acetophenone	7.151	105	417179	53.134	ng	# 98
24) Nitrobenzene	7.328	77	328724	52.619	ng	99
25) Isophorone	7.563	82	597685	50.896	ng	100
26) 2-Nitrophenol	7.645	139	167410	54.911	ng	95
27) 2,4-Dimethylphenol	7.686	122	223648	44.561	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	354915	50.749	ng	99
29) 2,4-Dichlorophenol	7.892	162	247277	52.574	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	249482	51.861	ng	99
31) Naphthalene	8.039	128	842342	50.444	ng	99
32) Benzoic acid	7.839	122	162591	47.859	ng	92
33) 4-Chloroaniline	8.104	127	90942	12.467	ng	97
34) Hexachlorobutadiene	8.151	225	152927	53.708	ng	99
35) Caprolactam	8.486	113	86541m	53.823	ng	
36) 4-Chloro-3-methylphenol	8.598	107	267456	51.277	ng	97
37) 2-Methylnaphthalene	8.733	142	541026	49.176	ng	100
38) 1-Methylnaphthalene	8.833	142	522664	51.508	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	266585	52.395	ng	99
41) Hexachlorocyclopentadiene	8.880	237	64950	69.831	ng	95
43) 2,4,6-Trichlorophenol	9.022	196	169276	51.628	ng	100

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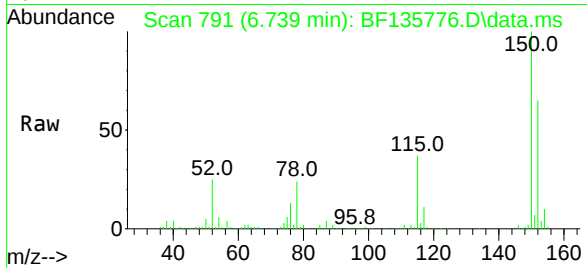
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	184777	48.453	ng	99
46) 1,1'-Biphenyl	9.198	154	692395	51.102	ng	97
47) 2-Chloronaphthalene	9.227	162	515218	52.762	ng	98
48) 2-Nitroaniline	9.339	65	197360	51.204	ng	96
49) Acenaphthylene	9.639	152	840908	52.037	ng	98
50) Dimethylphthalate	9.504	163	620202	51.941	ng	99
51) 2,6-Dinitrotoluene	9.580	165	136716	53.244	ng	89
52) Acenaphthene	9.810	154	499101	51.529	ng	100
53) 3-Nitroaniline	9.751	138	114297	36.311	ng	95
54) 2,4-Dinitrophenol	9.874	184	109707	102.353	ng	92
55) Dibenzofuran	9.986	168	751313	51.408	ng	99
56) 4-Nitrophenol	9.939	139	149710	102.171	ng	94
57) 2,4-Dinitrotoluene	9.992	165	173566	53.132	ng	# 77
58) Fluorene	10.333	166	589062	51.485	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	145739	50.570	ng	98
60) Diethylphthalate	10.210	149	629911	51.675	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	283073	51.191	ng	94
62) 4-Nitroaniline	10.374	138	133552	46.114	ng	97
63) Azobenzene	10.486	77	597813	50.477	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	83602	50.035	ng	96
66) n-Nitrosodiphenylamine	10.445	169	522908	51.674	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	171159	51.357	ng	96
68) Hexachlorobenzene	10.886	284	182323	53.733	ng	96
69) Atrazine	10.980	200	171567	62.332	ng	97
70) Pentachlorophenol	11.092	266	136255	101.815	ng	97
71) Phenanthrene	11.298	178	841292	52.896	ng	99
72) Anthracene	11.351	178	836549	50.759	ng	100
73) Carbazole	11.516	167	787135	51.210	ng	100
74) Di-n-butylphthalate	11.839	149	1014950	53.782	ng	100
75) Fluoranthene	12.498	202	938657	53.175	ng	98
77) Benzidine	12.627	184	131536	34.900	ng	97
78) Pyrene	12.727	202	912856	66.510	ng	99
80) Butylbenzylphthalate	13.351	149	358040	59.363	ng	96
81) Benzo(a)anthracene	13.927	228	631552	55.669	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	131486	34.946	ng	95
83) Chrysene	13.968	228	573447	52.187	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	476044	58.236	ng	97
85) Di-n-octyl phthalate	14.527	149	748146	57.717	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	625446	58.391	ng	98
88) Benzo(b)fluoranthene	14.986	252	606999	55.171	ng	98
89) Benzo(k)fluoranthene	15.015	252	498583	46.678	ng	98
90) Benzo(a)pyrene	15.357	252	509985	49.295	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	517043	58.883	ng	99
92) Benzo(g,h,i)perylene	17.374	276	491604	54.503	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

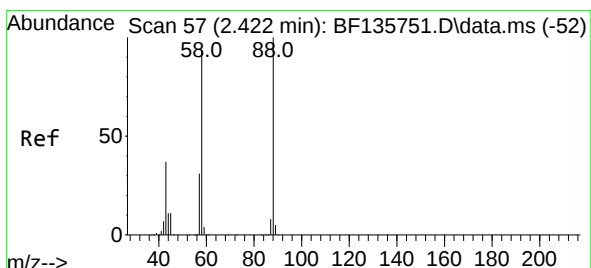
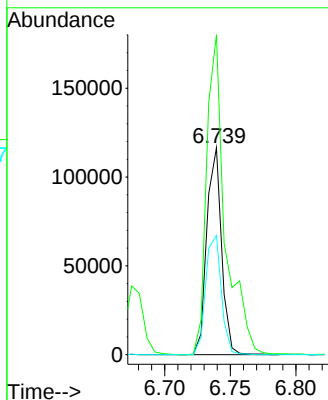
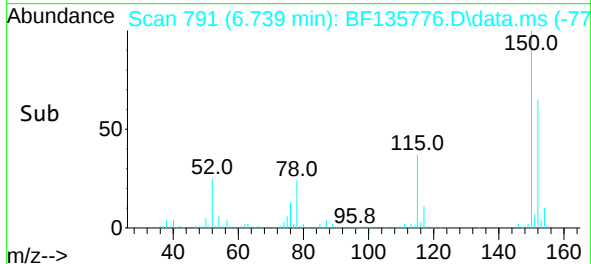
Instrument :
BNA_F
Client SampleId :
TP-3MSD



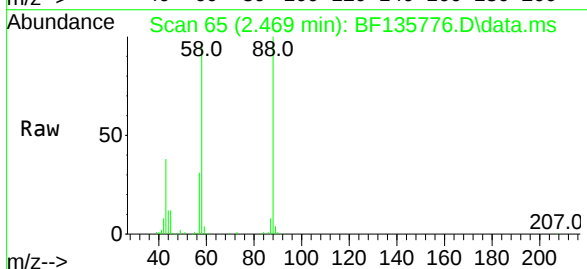
Tgt Ion: 152 Resp: 91388
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 57.6 49.0 73.4

Manual Integrations
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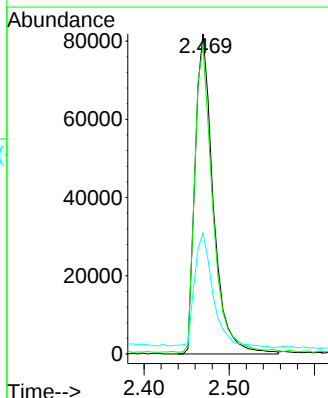
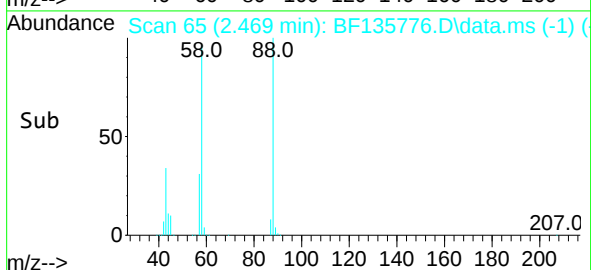
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

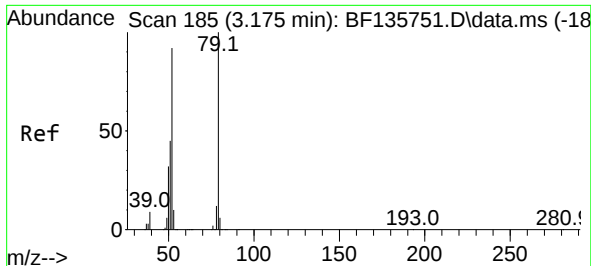


#2
1,4-Dioxane
Concen: 44.295 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.029 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



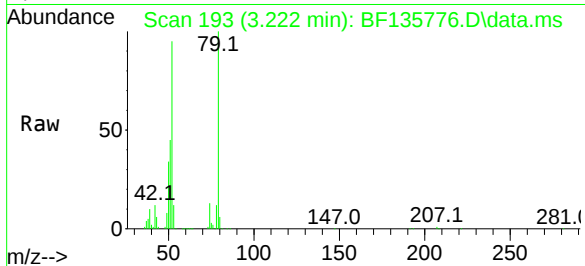
Tgt Ion: 88 Resp: 121447
Ion Ratio Lower Upper
88 100
58 94.6 76.1 114.1
43 37.3 29.8 44.8





#3
Pyridine
Concen: 41.607 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.035 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

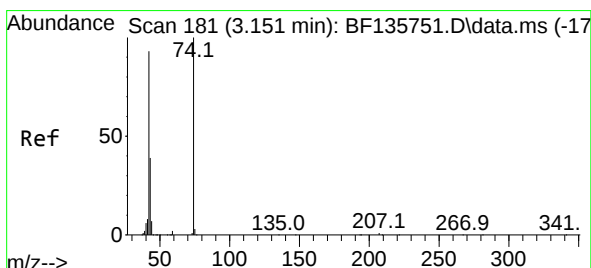
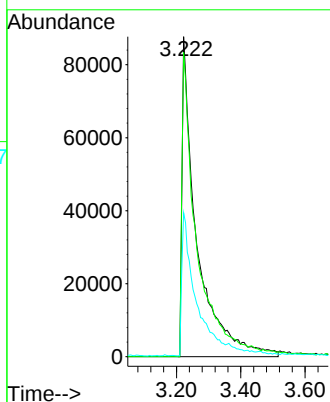
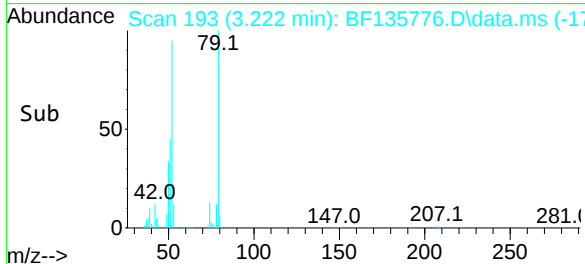
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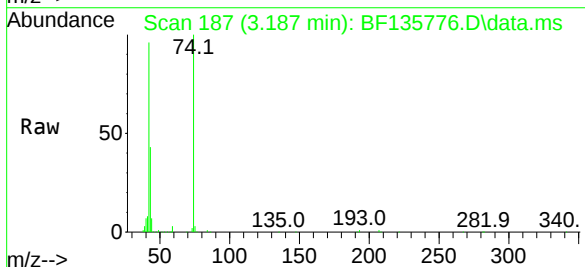
Tgt Ion: 79 Resp: 279898
Ion Ratio Lower Upper
79 100
52 95.0 73.4 110.2
51 44.9 36.5 54.7

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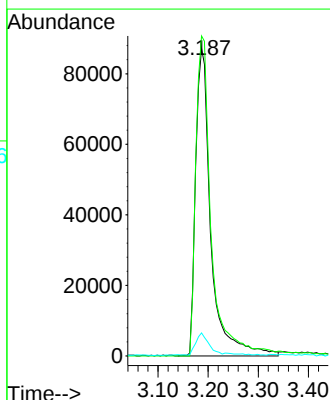
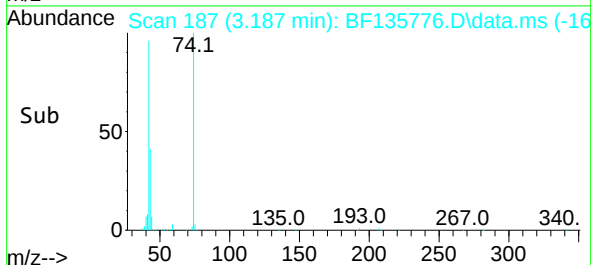
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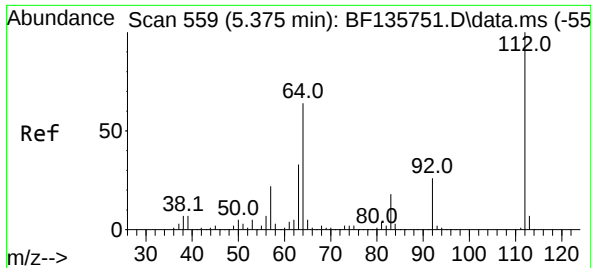


#4
n-Nitrosodimethylamine
Concen: 51.026 ng
RT: 3.187 min Scan# 187
Delta R.T. 0.017 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion: 42 Resp: 184594
Ion Ratio Lower Upper
42 100
74 104.0 86.5 129.7
44 7.5 5.9 8.9





#5
2-Fluorophenol
Concen: 109.207 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

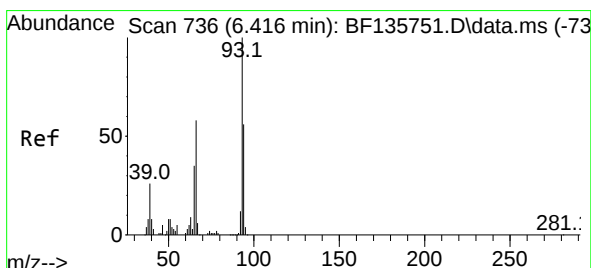
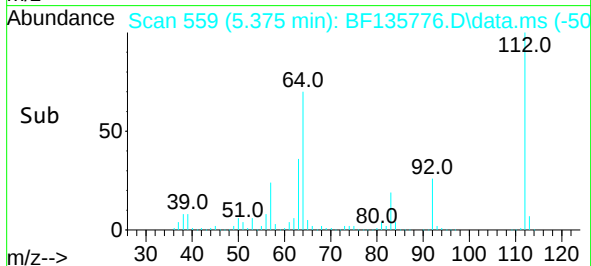
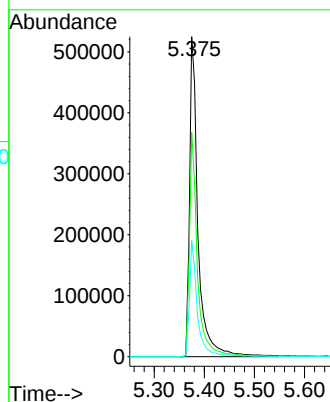
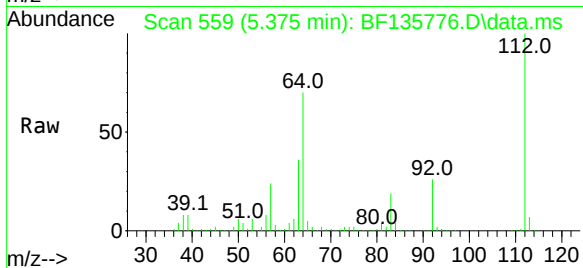
ClientSampleId :

TP-3MSD

Tgt Ion:112 Resp: 62075
Ion Ratio Lower Upper
112 100
64 70.0 51.2 76.8
63 36.3 26.1 39.1

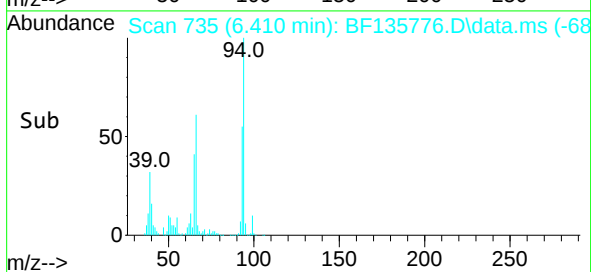
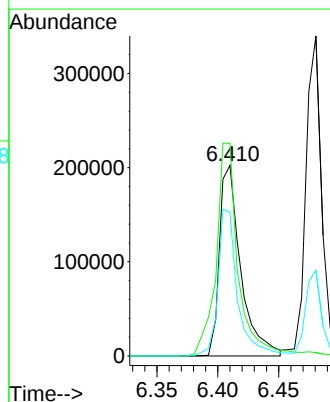
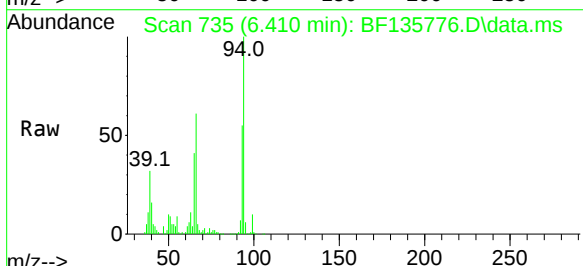
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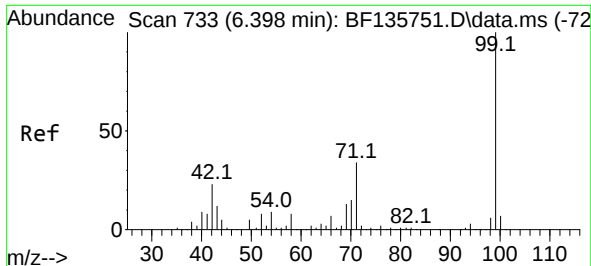
Reviewed By :Yogesh Patel 10/17/2023
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#6
Aniline
Concen: 27.601 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

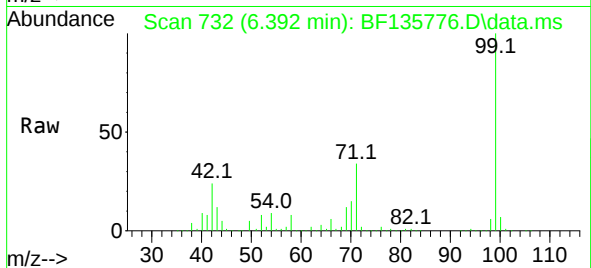
Tgt Ion: 93 Resp: 246345
Ion Ratio Lower Upper
93 100
66 111.6 47.6 71.4#
65 75.5 28.5 42.7#





#7
Phenol-d6
Concen: 102.520 ng
RT: 6.392 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

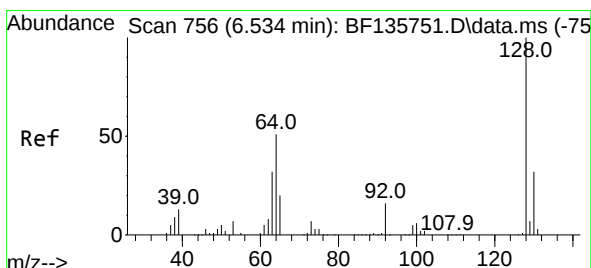
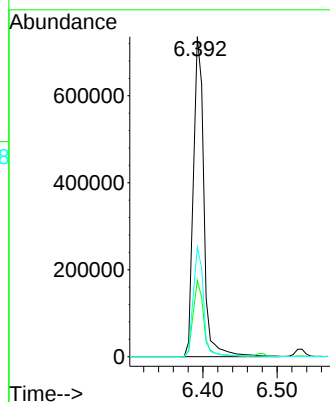
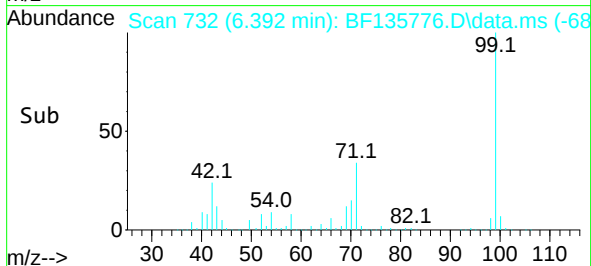
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 99 Resp: 727110
Ion Ratio Lower Upper
99 100
42 23.8 18.4 27.6
71 34.3 27.2 40.8

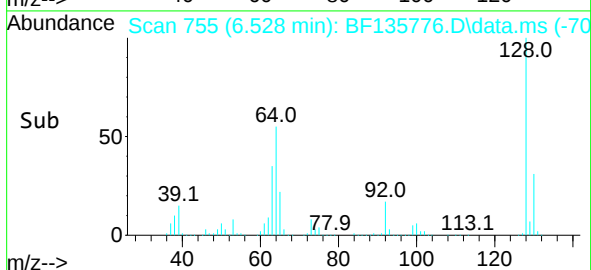
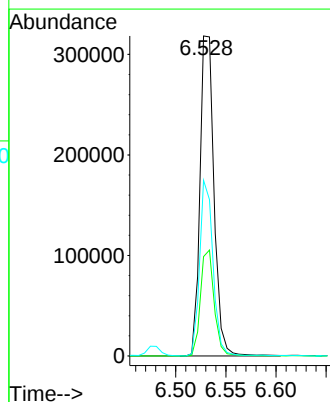
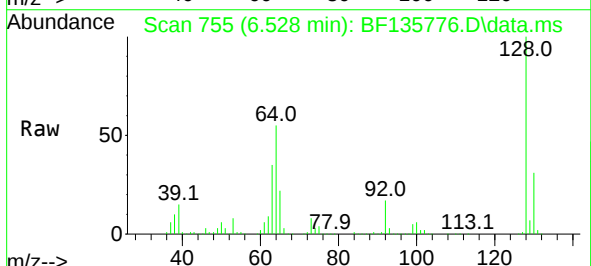
Manual Integrations
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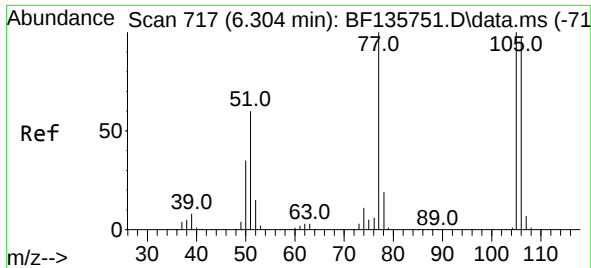
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#8
2-Chlorophenol
Concen: 50.980 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:128 Resp: 312492
Ion Ratio Lower Upper
128 100
130 31.0 12.4 52.4
64 54.9 32.3 72.3





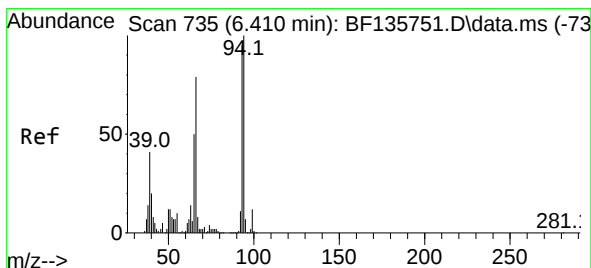
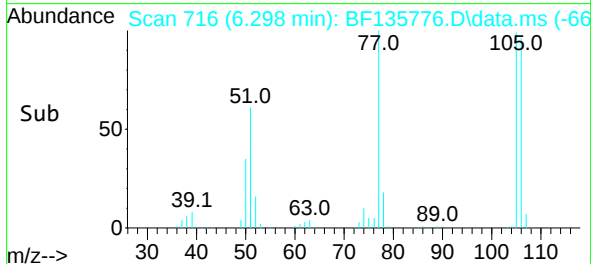
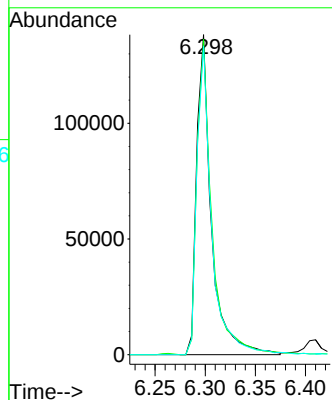
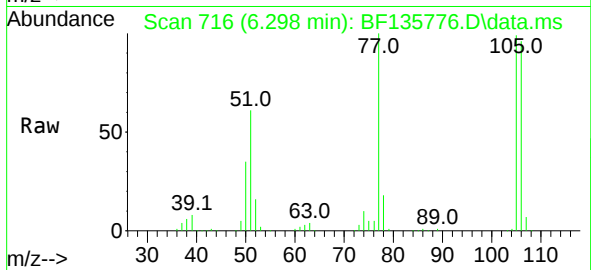
#9
Benzaldehyde
Concen: 35.131 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 77 Resp: 141814
Ion Ratio Lower Upper
77 100
105 98.6 79.9 119.9
106 96.5 77.1 117.1

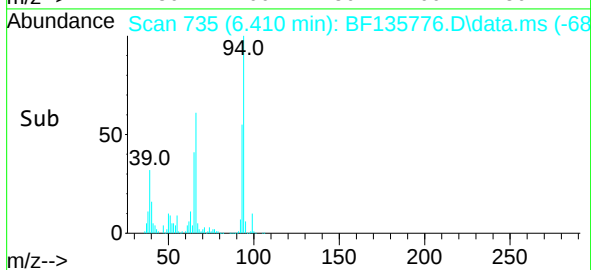
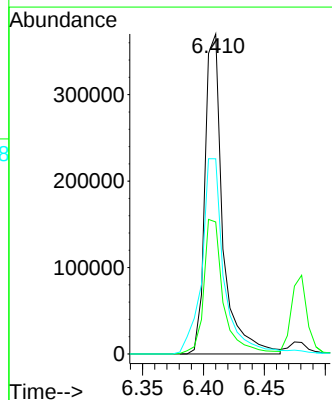
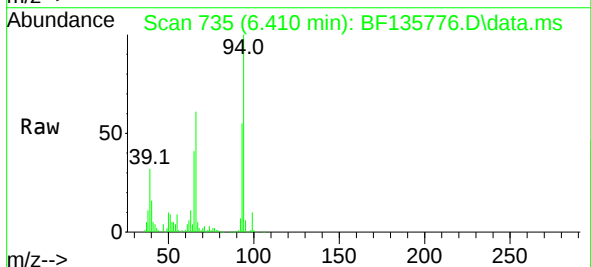
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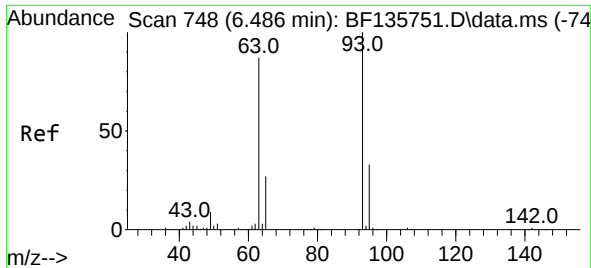
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#10
Phenol
Concen: 50.727 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion: 94 Resp: 376977
Ion Ratio Lower Upper
94 100
65 41.2 30.3 70.3
66 61.0 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 50.309 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

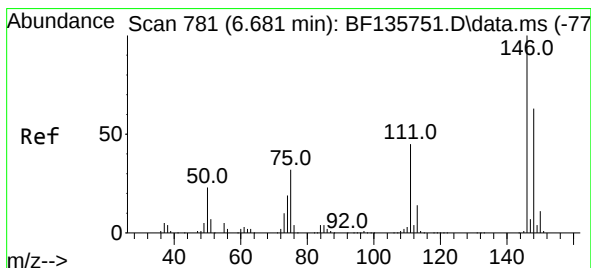
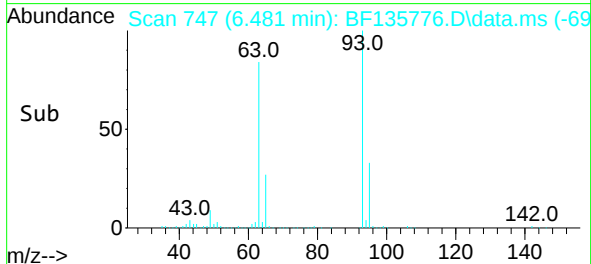
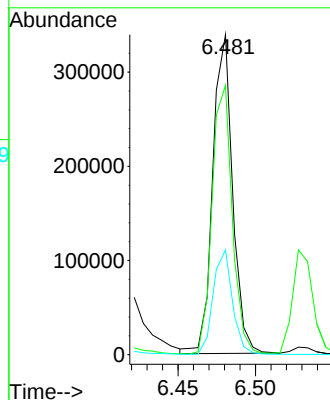
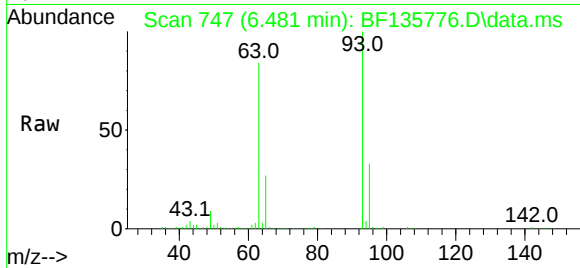
Tgt Ion:	93	Resp:	30124
Ion	Ratio	Lower	Upper
93	100		
63	84.2	66.3	106.3
95	32.8	12.8	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#12

1,3-Dichlorobenzene

Concen: 51.193 ng

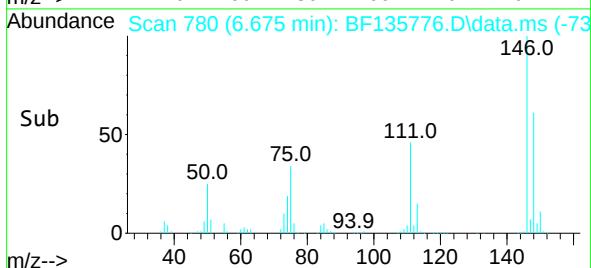
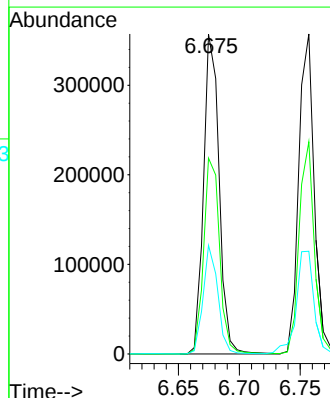
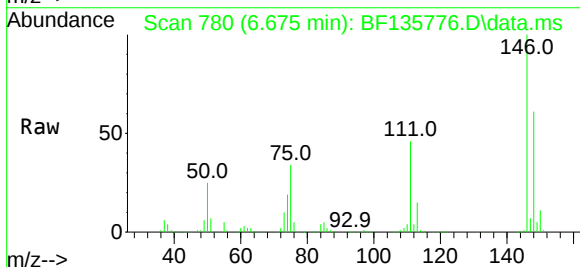
RT: 6.675 min Scan# 780

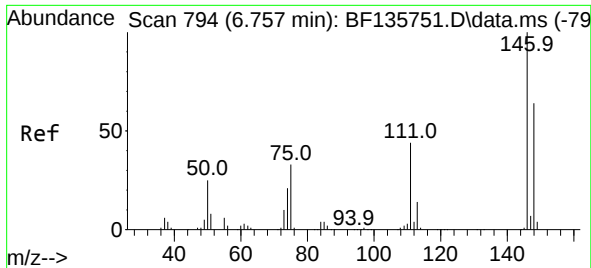
Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:	146	Resp:	318129
Ion	Ratio	Lower	Upper
146	100		
148	61.2	50.2	75.4
75	34.0	25.8	38.6





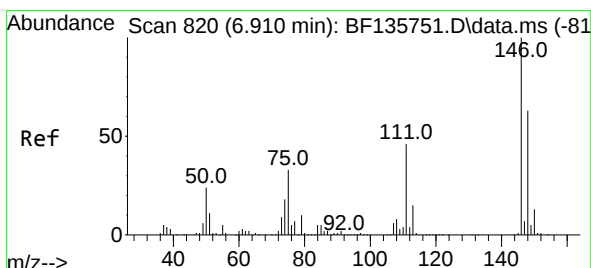
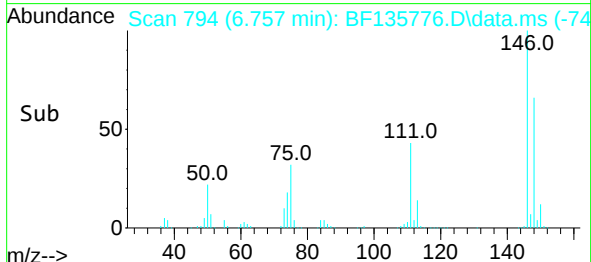
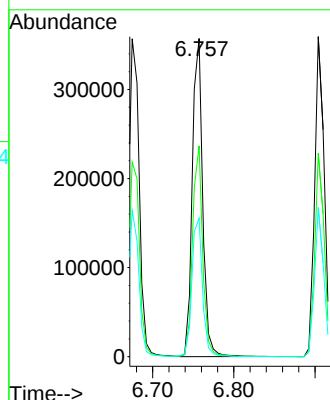
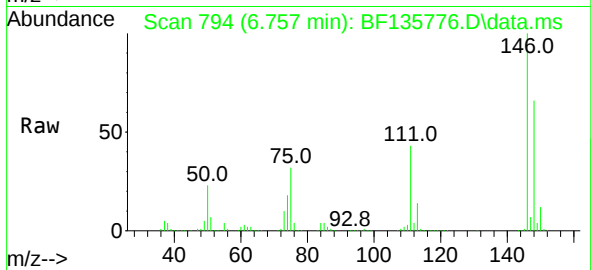
#13
1,4-Dichlorobenzene
Concen: 50.533 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :
BNA_F
Client SampleId :
TP-3MSD

Tgt Ion:146 Resp: 31811
Ion Ratio Lower Upper
146 100
148 66.3 51.0 76.6
111 43.5 35.2 52.8

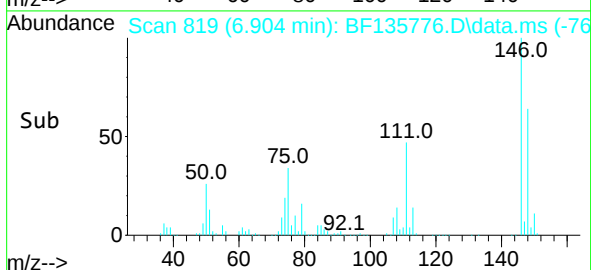
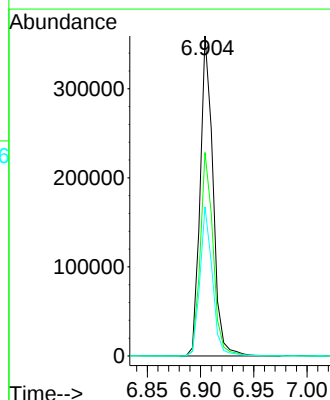
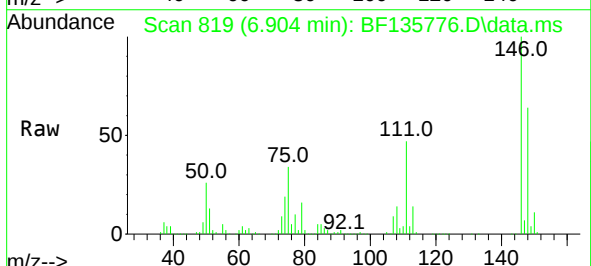
Manual Integrations
APPROVED

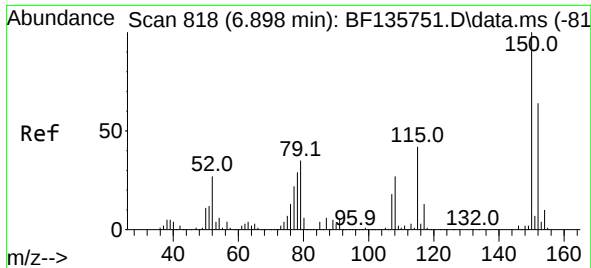
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#14
1,2-Dichlorobenzene
Concen: 53.370 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

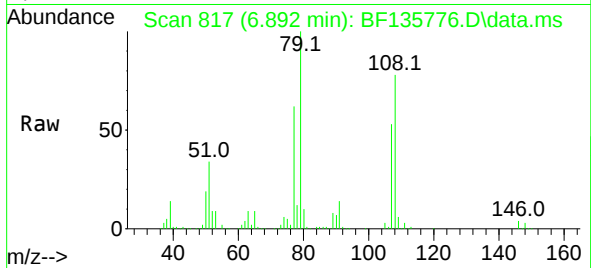
Tgt Ion:146 Resp: 302512
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 46.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 52.093 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

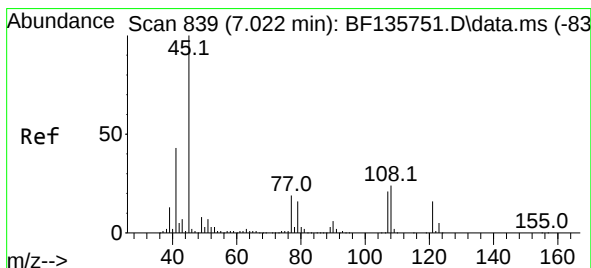
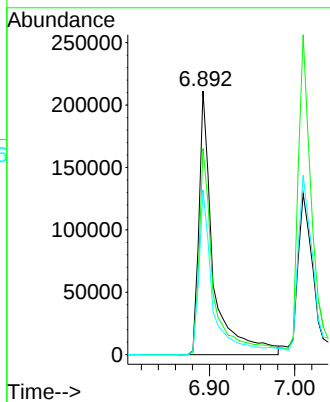
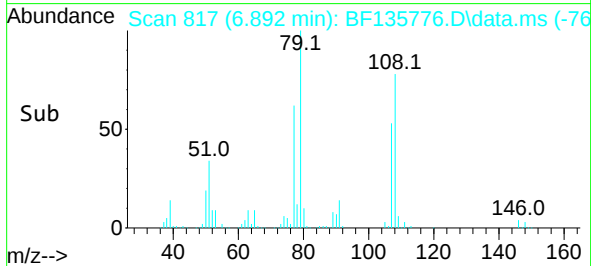
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 79 Resp: 245659
Ion Ratio Lower Upper
79 100
108 78.2 62.0 93.0
77 62.4 50.5 75.7

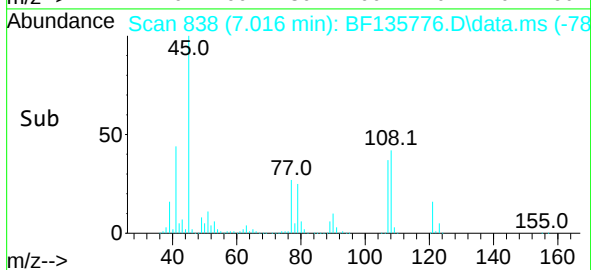
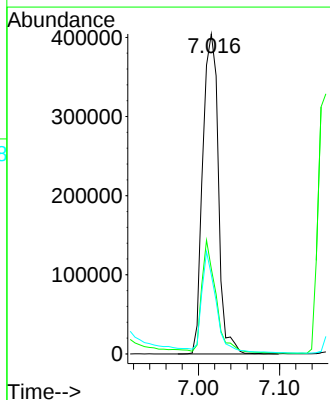
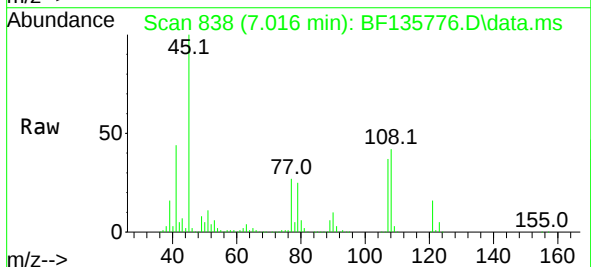
Manual Integrations
APPROVED

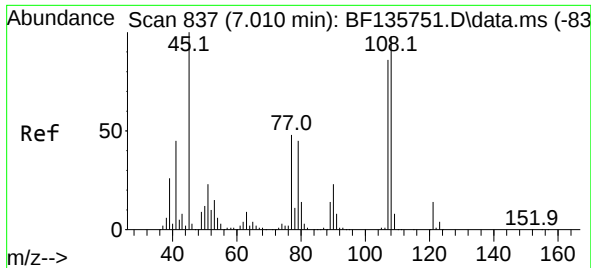
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.789 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

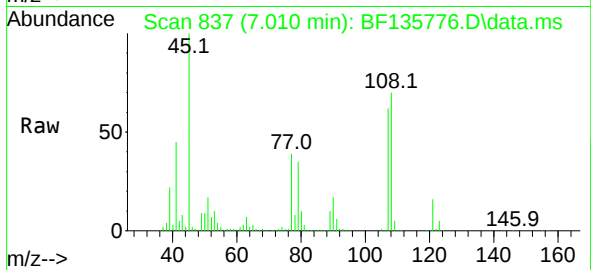
Tgt Ion: 45 Resp: 539198
Ion Ratio Lower Upper
45 100
77 26.6 0.0 39.8
79 24.7 0.0 37.6





#17
2-Methylphenol
Concen: 47.306 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

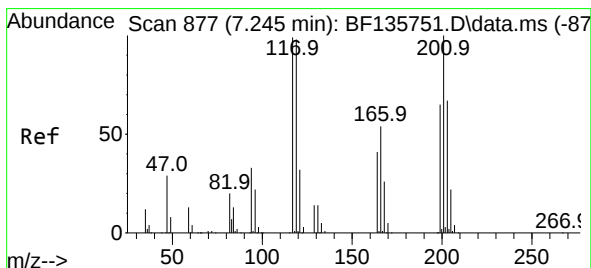
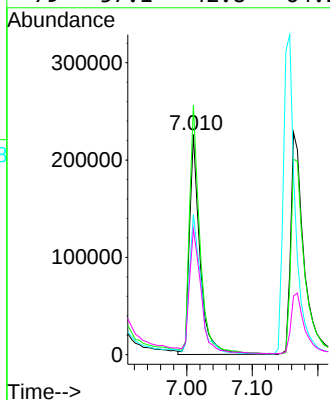
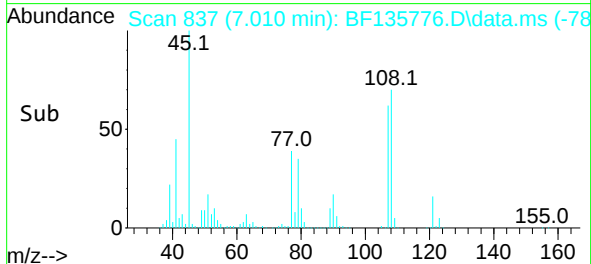
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



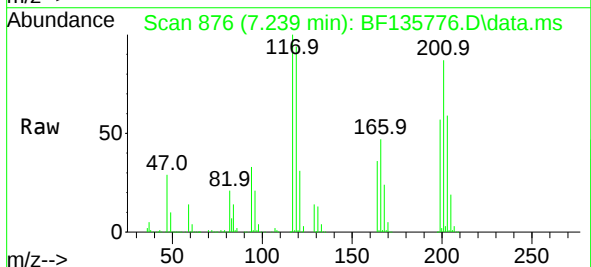
Tgt Ion:107 Resp: 251022
Ion Ratio Lower Upper
107 100
108 113.4 91.8 137.6
77 63.6 45.4 68.0
79 57.1 42.8 64.2

Manual Integrations
APPROVED

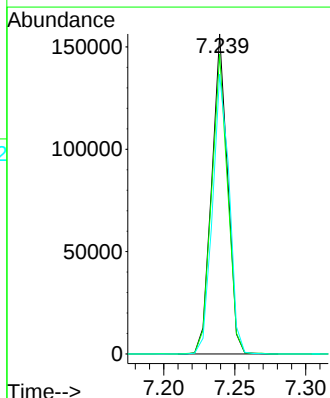
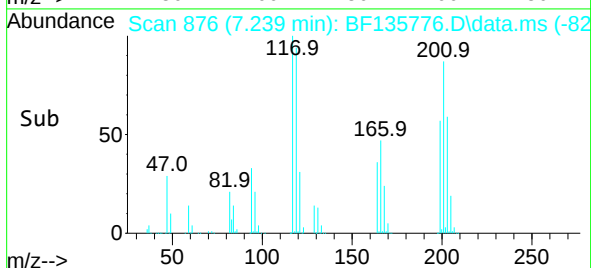
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

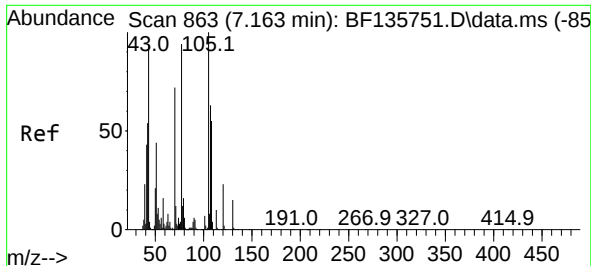


#18
Hexachloroethane
Concen: 53.136 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



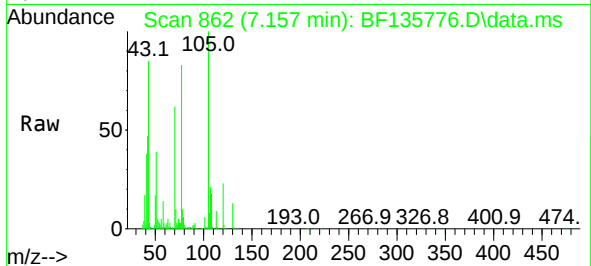
Tgt Ion:117 Resp: 121283
Ion Ratio Lower Upper
117 100
119 93.7 79.5 119.3
201 87.4 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.467 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

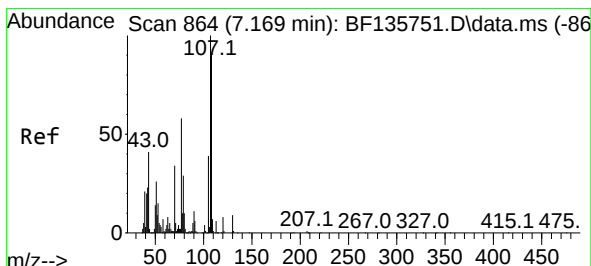
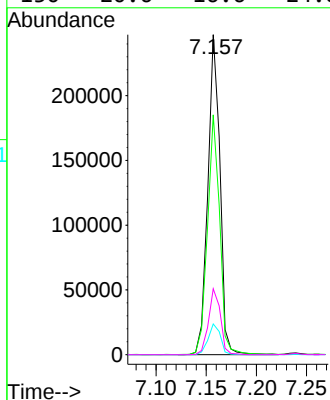
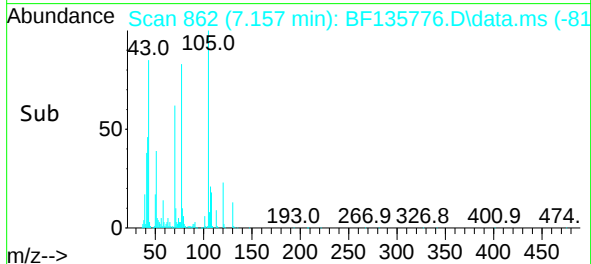
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



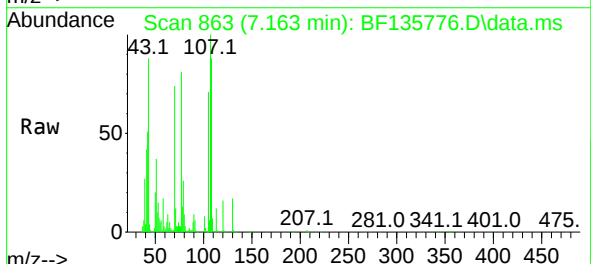
Tgt Ion: 70 Resp: 208154
Ion Ratio Lower Upper
70 100
42 75.0 59.8 89.6
101 9.6 7.4 11.2
130 20.6 16.6 24.8

Manual Integrations
APPROVED

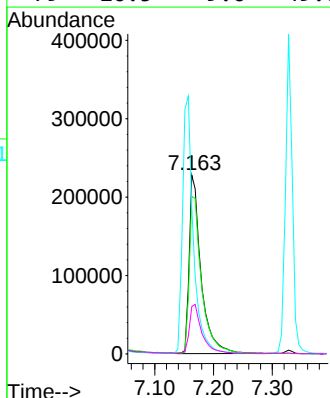
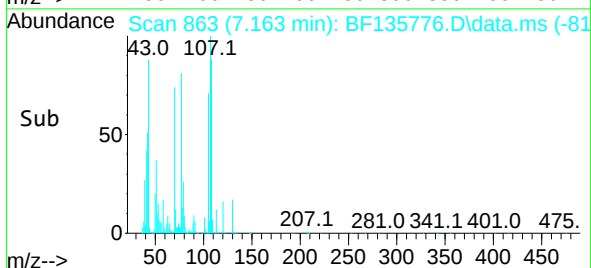
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

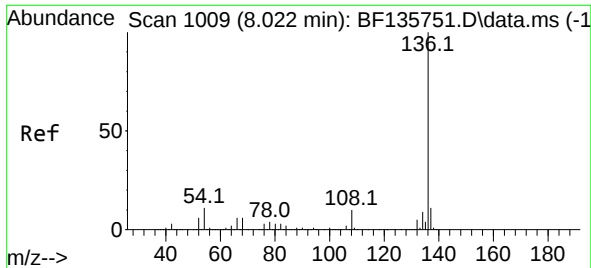


#20
3+4-Methylphenols
Concen: 48.482 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:107 Resp: 320718
Ion Ratio Lower Upper
107 100
108 88.1 71.1 111.1
77 81.3 42.0 82.0
79 26.5 9.6 49.6





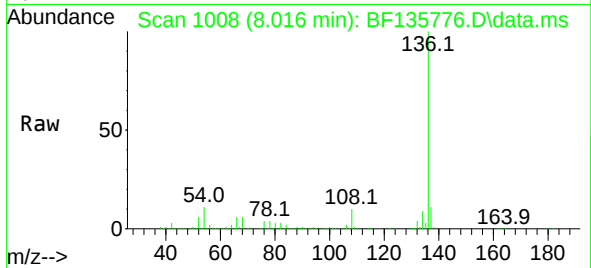
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

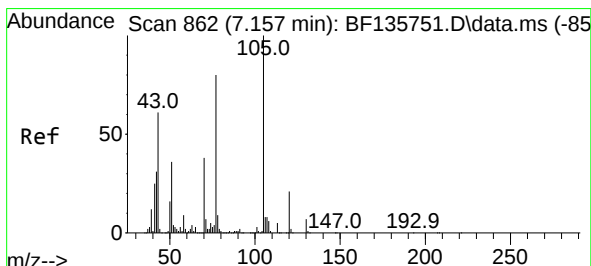
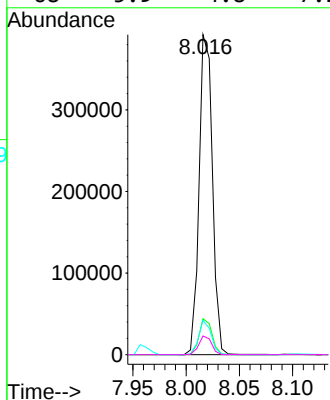
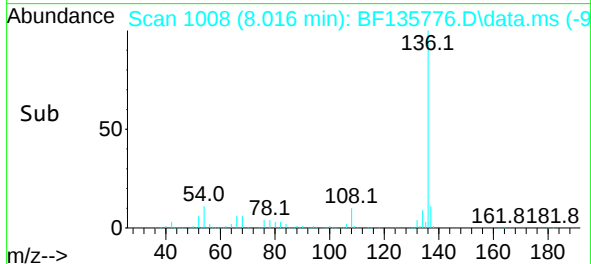


Tgt Ion:136 Resp: 342350
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.7 8.5 12.7
68 5.9 4.8 7.2

Manual Integrations

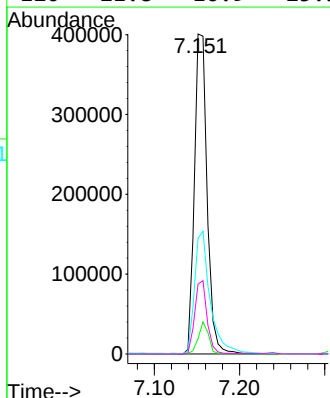
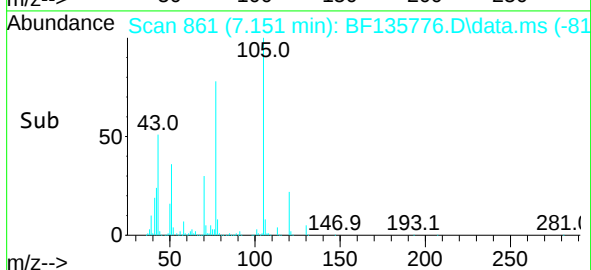
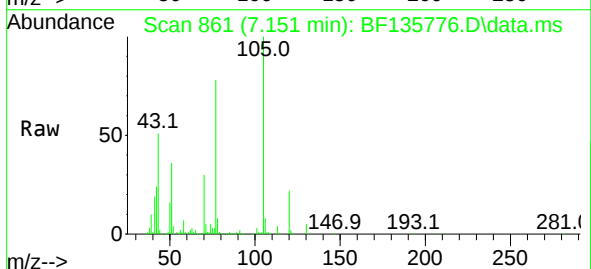
APPROVED

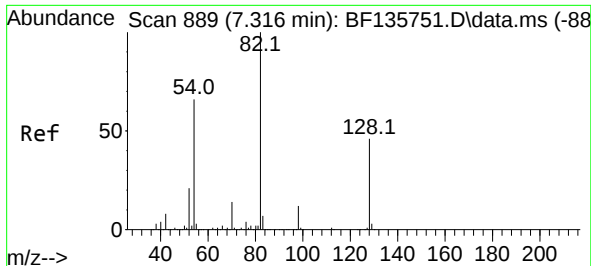
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#22
Acetophenone
Concen: 53.134 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:105 Resp: 417179
Ion Ratio Lower Upper
105 100
71 4.8 5.4 8.0#
51 36.2 29.4 44.0
120 21.8 16.9 25.3





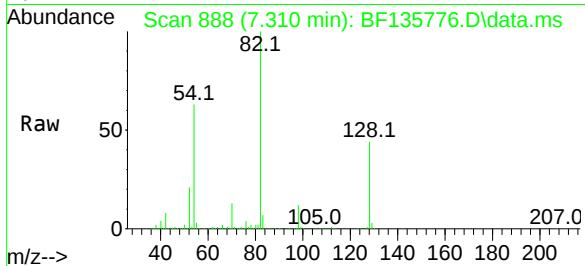
#23
Nitrobenzene-d5
Concen: 74.835 ng
RT: 7.310 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

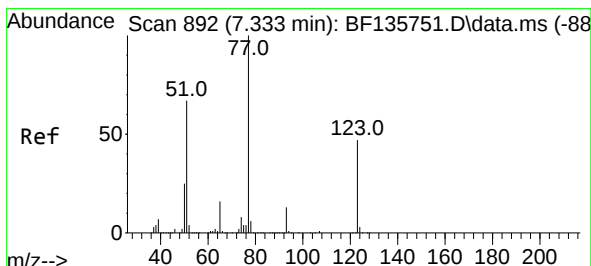
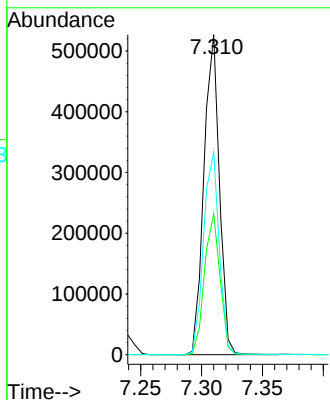
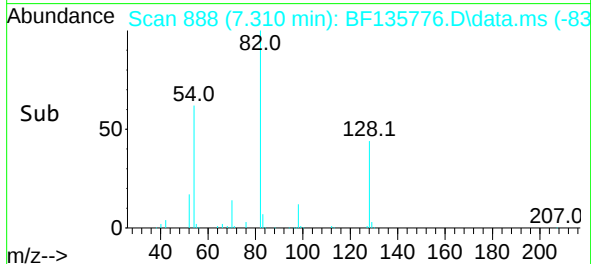
TP-3MSD



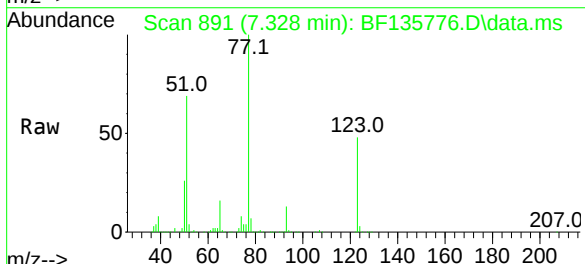
Tgt Ion: 82 Resp: 465818
Ion Ratio Lower Upper
82 100
128 44.1 37.0 55.6
54 63.3 52.8 79.2

Manual Integrations
APPROVED

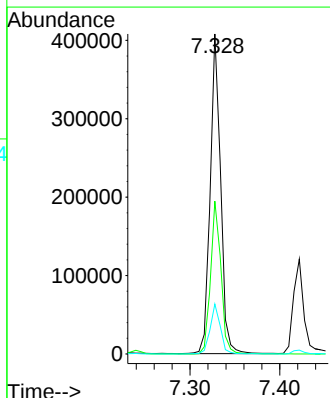
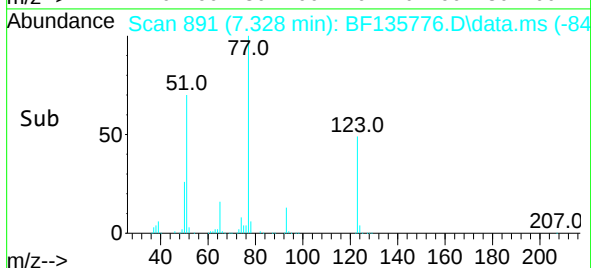
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

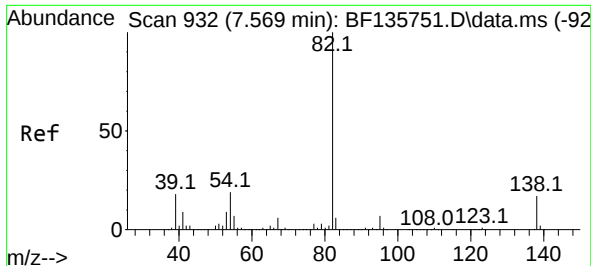


#24
Nitrobenzene
Concen: 52.619 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



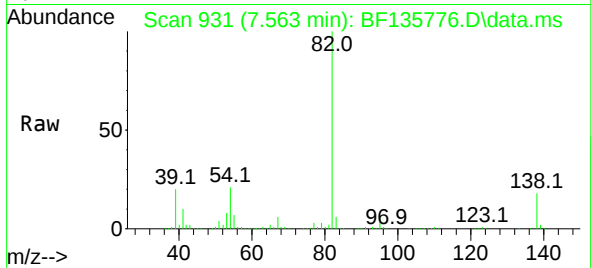
Tgt Ion: 77 Resp: 328724
Ion Ratio Lower Upper
77 100
123 47.8 37.3 55.9
65 15.6 12.6 18.8





#25
Isophorone
Concen: 50.896 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

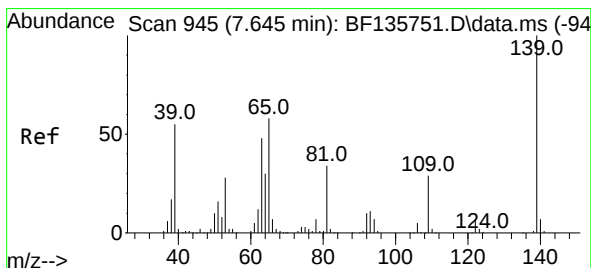
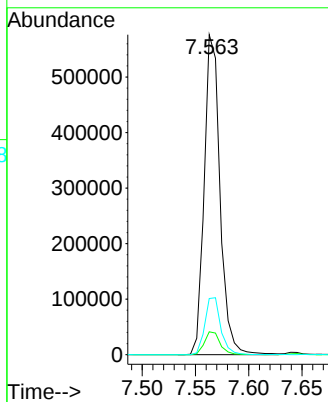
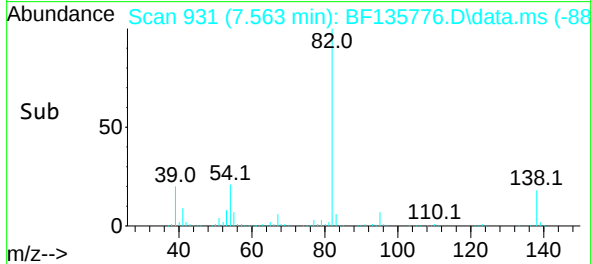
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 82 Resp: 59768
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.5 13.9 20.9

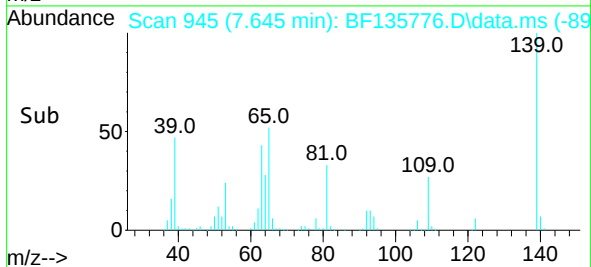
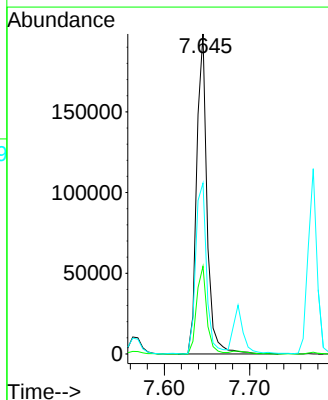
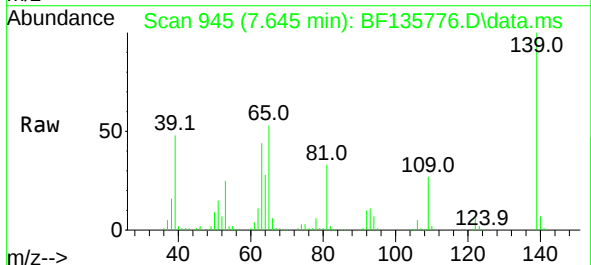
Manual Integrations
APPROVED

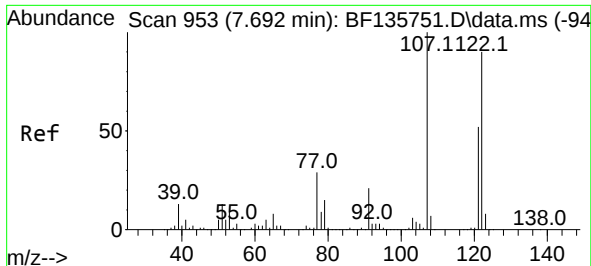
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2-Nitrophenol
Concen: 54.911 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:139 Resp: 167410
Ion Ratio Lower Upper
139 100
109 27.4 23.0 34.4
65 53.4 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 44.561 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135776.D

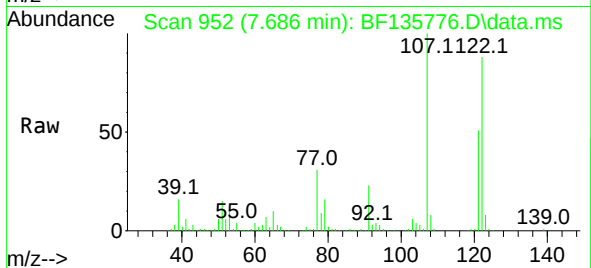
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:122 Resp: 223648

Ion Ratio Lower Upper

122 100

107 113.2 88.2 132.4

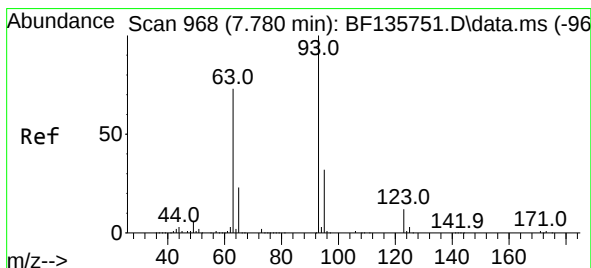
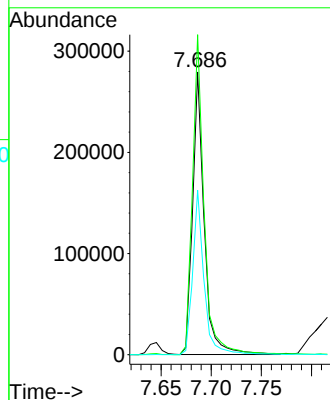
121 58.2 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.749 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

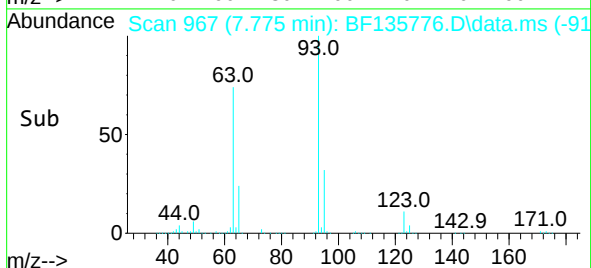
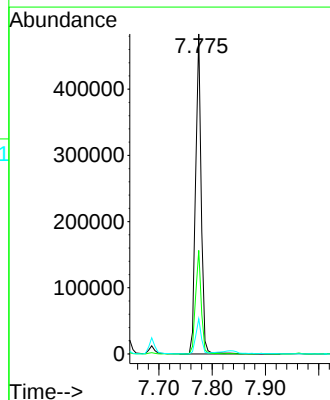
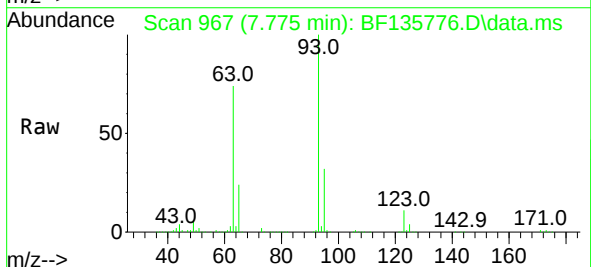
Tgt Ion: 93 Resp: 354915

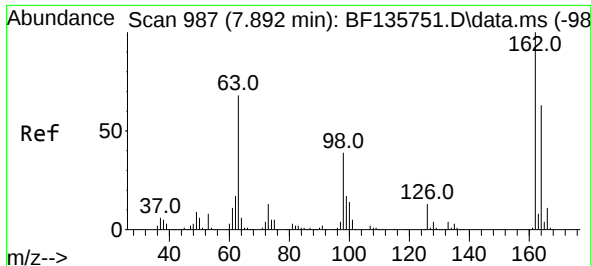
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.574 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135776.D

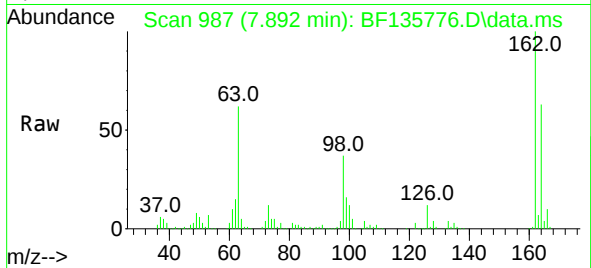
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



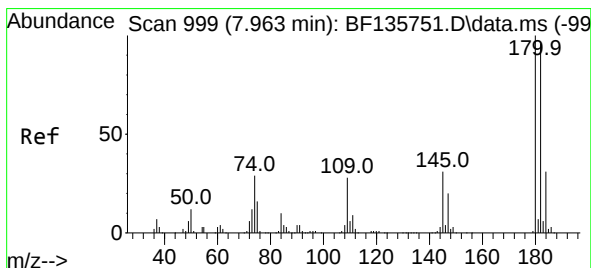
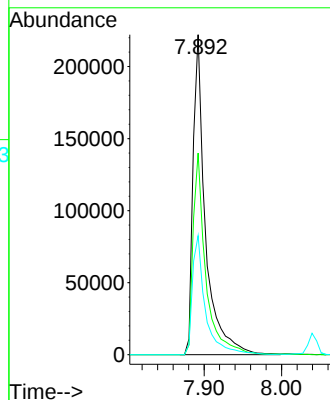
Tgt Ion:	162	Resp:	24727
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.4	83.4
98	37.2	19.0	59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.861 ng

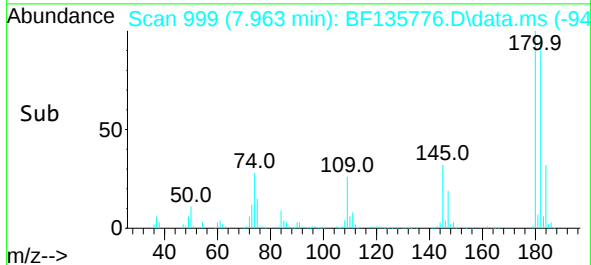
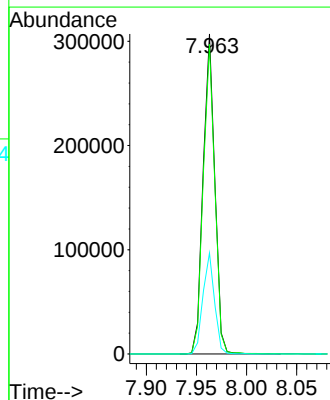
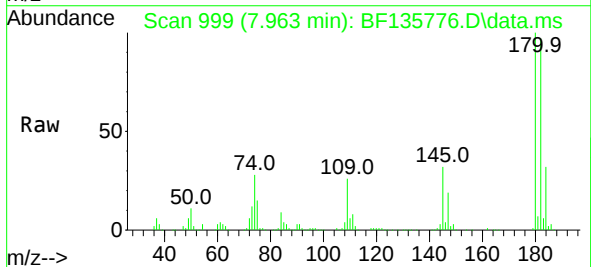
RT: 7.963 min Scan# 999

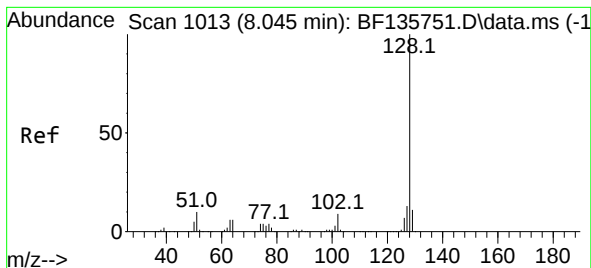
Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:	180	Resp:	249482
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.4	114.6
145	31.6	25.0	37.6





#31

Naphthalene

Concen: 50.444 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:128 Resp: 84234

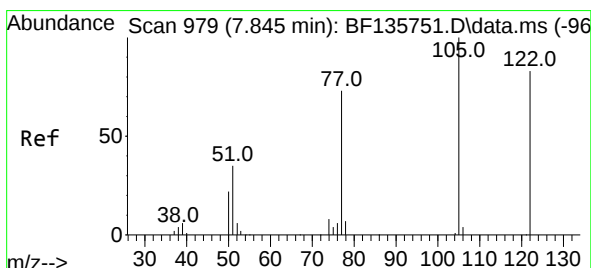
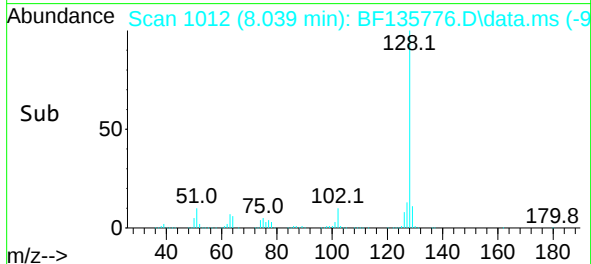
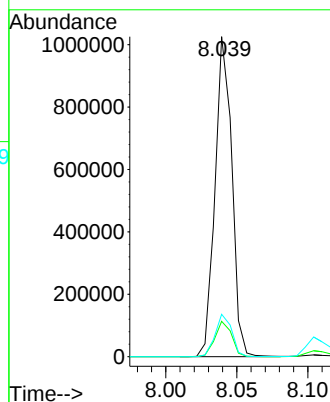
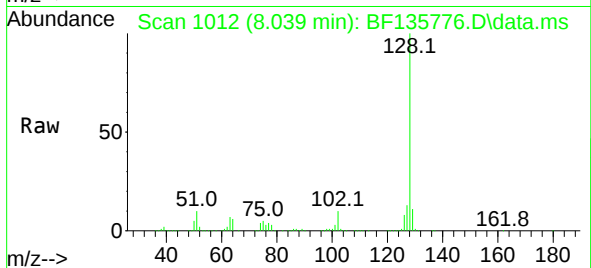
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#32

Benzoic acid

Concen: 47.859 ng

RT: 7.839 min Scan# 978

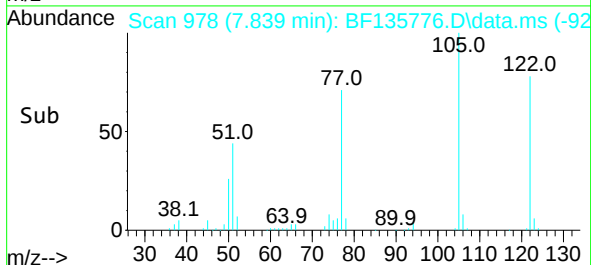
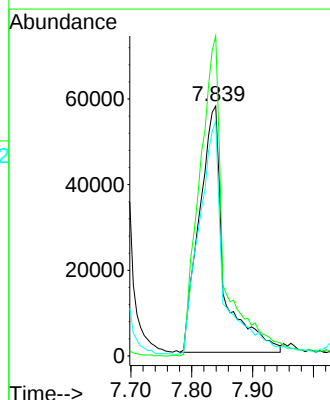
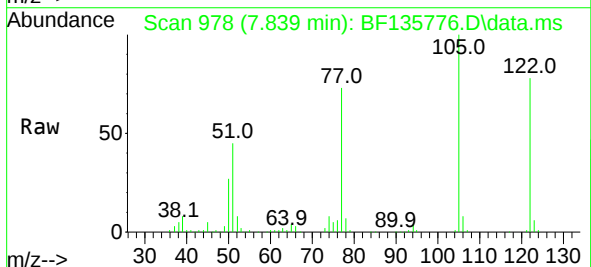
Delta R.T. -0.012 min

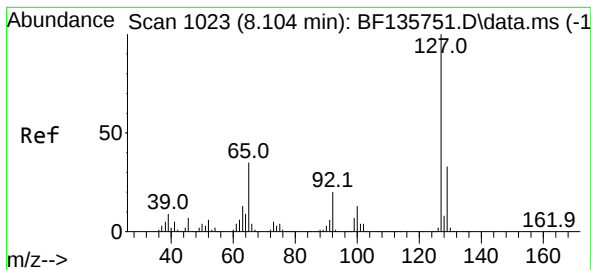
Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:122 Resp: 162591

Ion	Ratio	Lower	Upper
122	100		
105	128.0	98.7	138.7
77	94.1	67.8	107.8





#33
4-Chloroaniline
Concen: 12.467 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

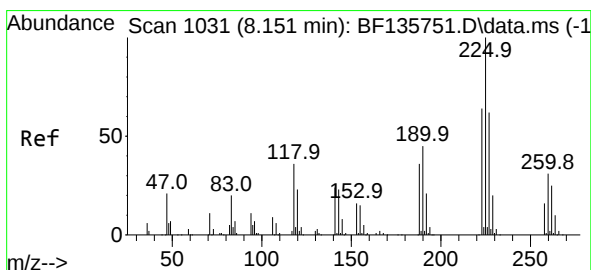
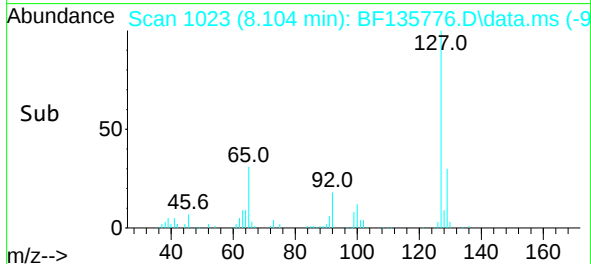
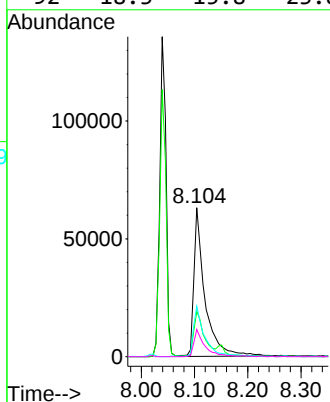
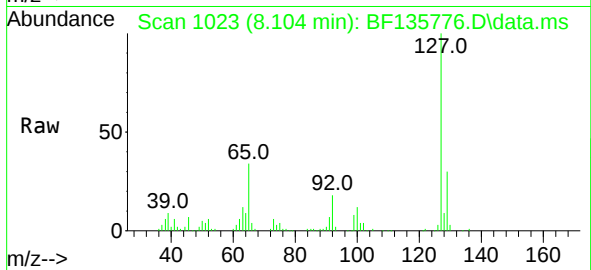
ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 9094
Ion Ratio Lower Upper
127 100
129 30.3 26.5 39.7
65 33.8 27.9 41.9
92 18.3 15.8 23.8

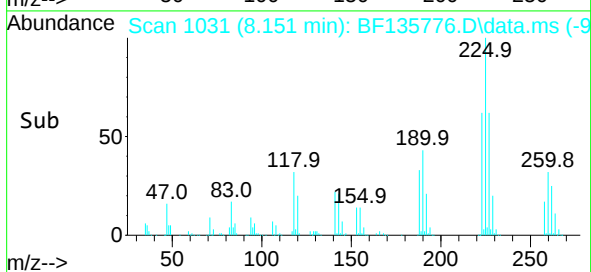
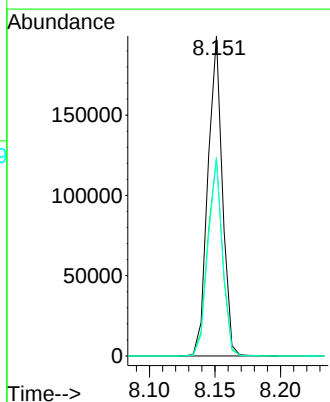
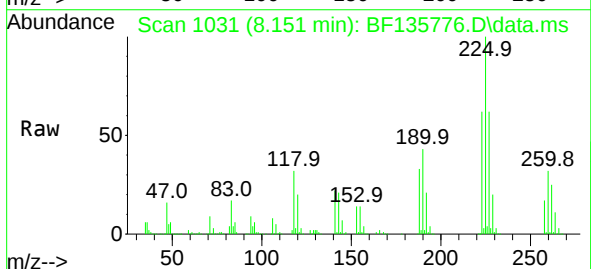
Manual Integrations
APPROVED

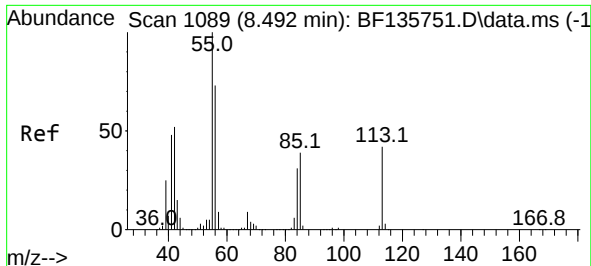
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 53.708 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

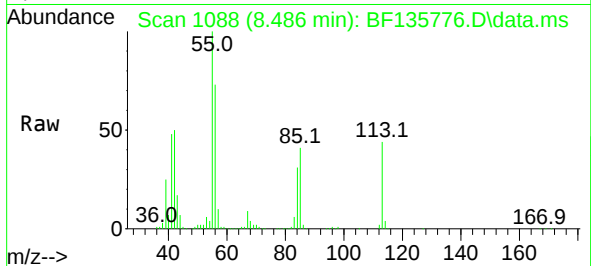
Tgt Ion:225 Resp: 152927
Ion Ratio Lower Upper
225 100
223 62.0 51.1 76.7
227 61.9 49.7 74.5





#35
 Caprolactam
 Concen: 53.823 ng m
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF135776.D
 Acq: 16 Oct 2023 14:45

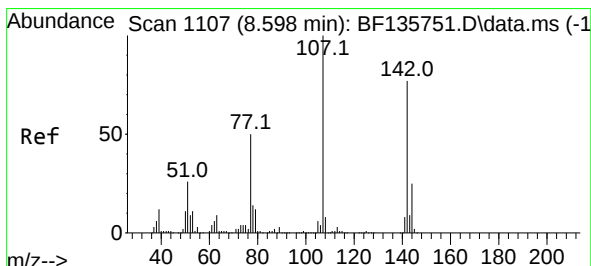
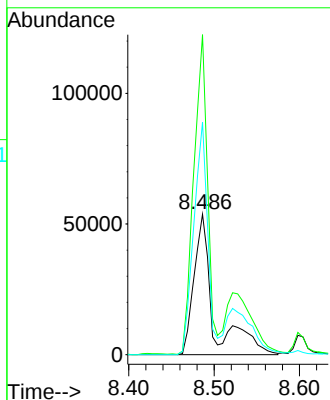
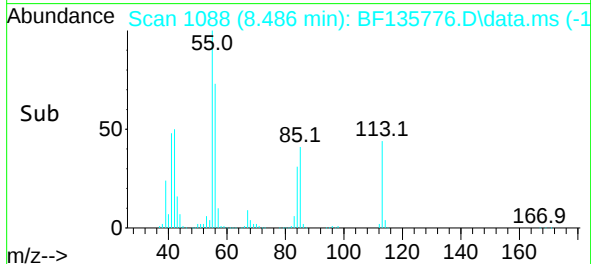
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



Tgt Ion:113 Resp: 8654
 Ion Ratio Lower Upper
 113 100
 55 227.9 217.4 257.4
 56 165.7 153.1 193.1

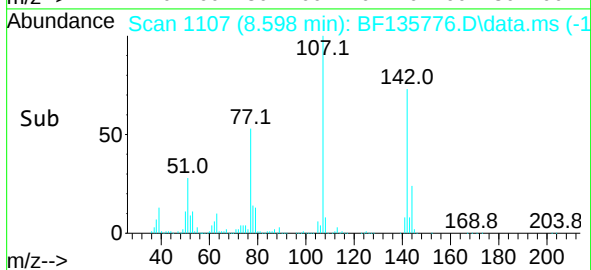
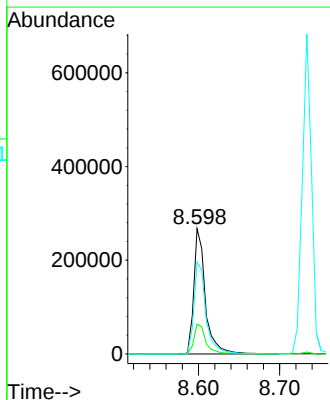
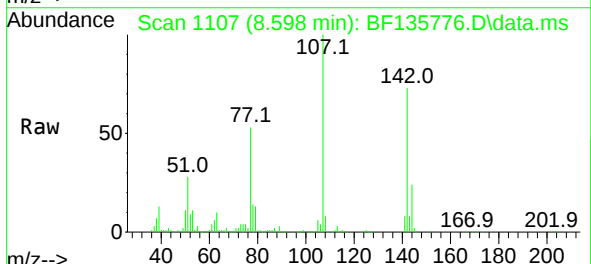
Manual Integrations
 APPROVED

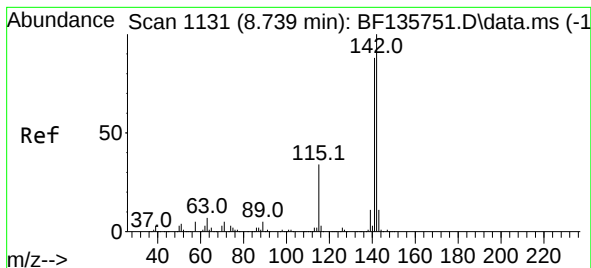
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.277 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135776.D
 Acq: 16 Oct 2023 14:45

Tgt Ion:107 Resp: 267456
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.8 29.8
 142 73.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 49.176 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:142 Resp: 541020

Ion Ratio Lower Upper

142 100

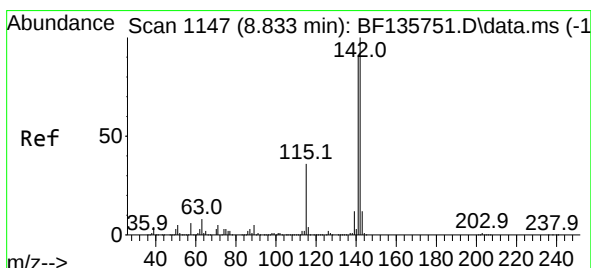
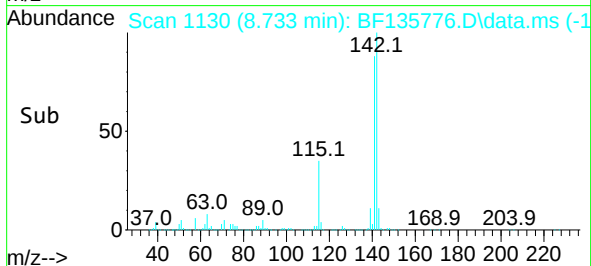
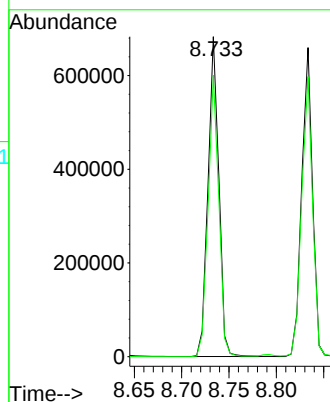
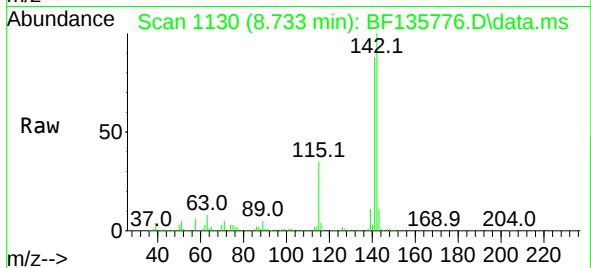
141 88.0 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#38

1-Methylnaphthalene

Concen: 51.508 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135776.D

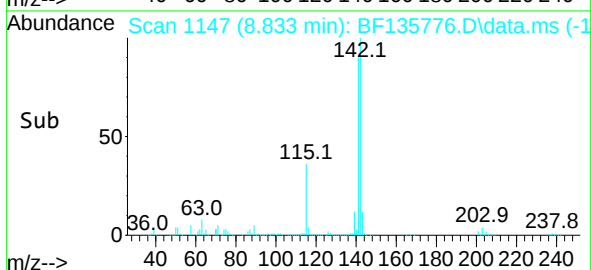
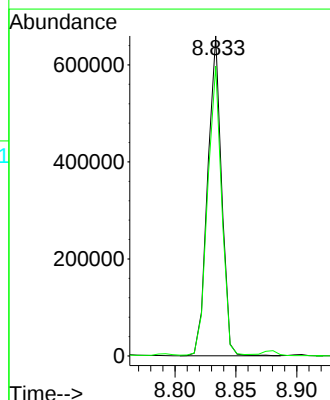
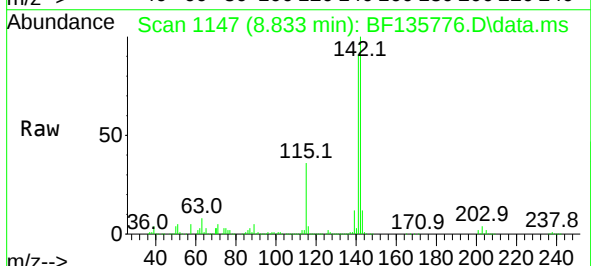
Acq: 16 Oct 2023 14:45

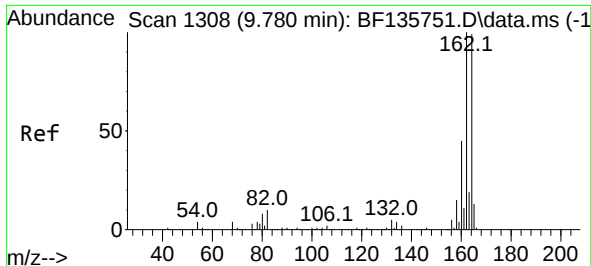
Tgt Ion:142 Resp: 522664

Ion Ratio Lower Upper

142 100

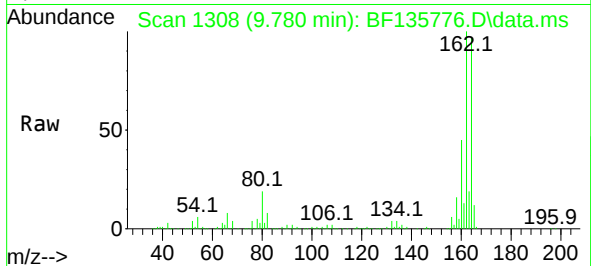
141 90.6 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

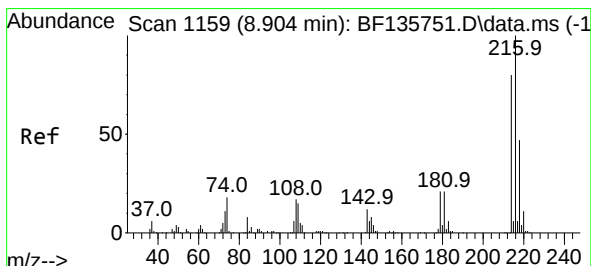
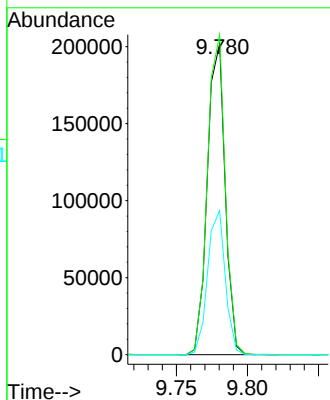
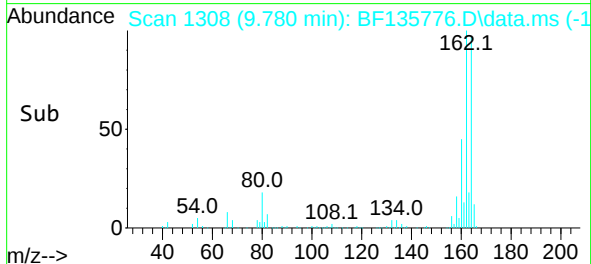
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



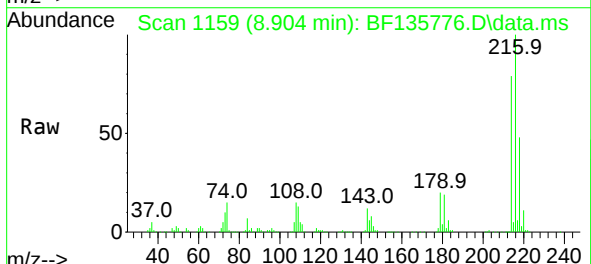
Tgt Ion:164 Resp: 176879
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 46.4 36.6 54.8

Manual Integrations
APPROVED

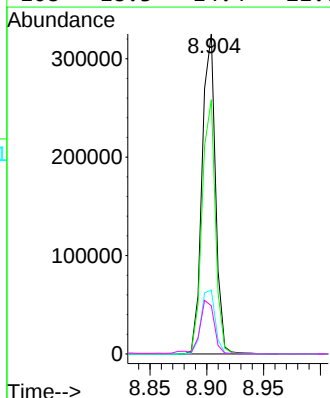
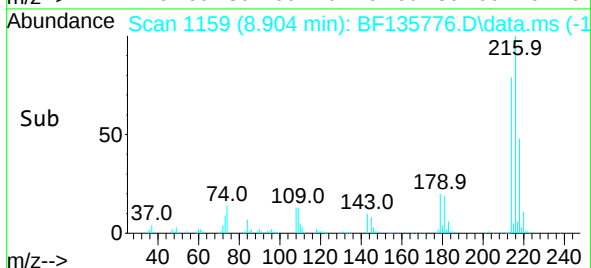
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

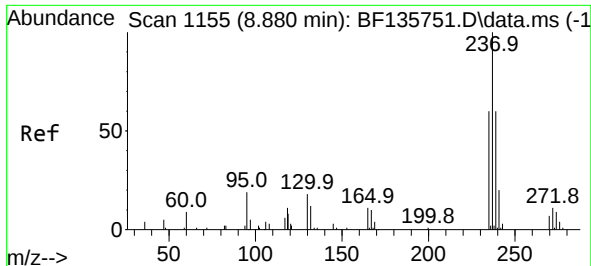


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.395 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



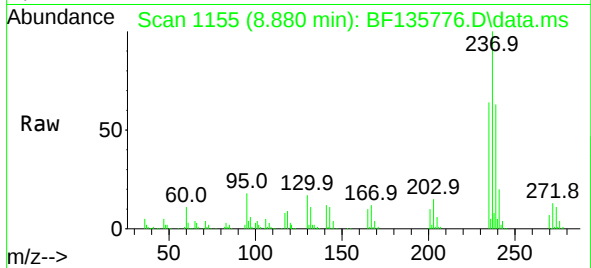
Tgt Ion:216 Resp: 266585
Ion Ratio Lower Upper
216 100
214 78.9 64.0 96.0
179 21.1 16.9 25.3
108 18.3 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 69.831 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

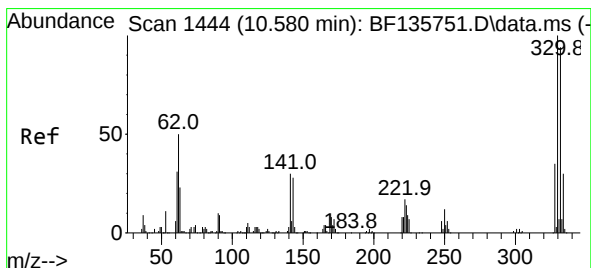
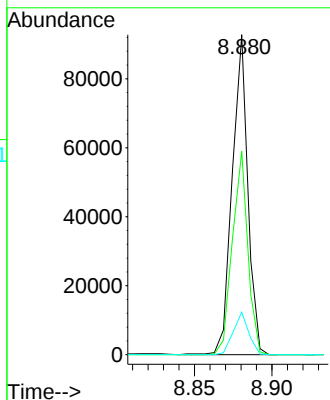
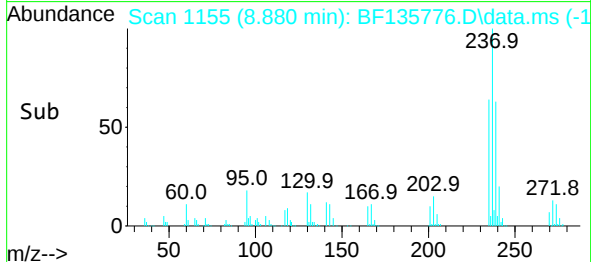
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



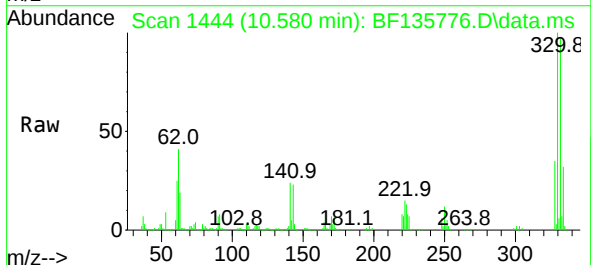
Tgt Ion:237 Resp: 64950
Ion Ratio Lower Upper
237 100
235 63.6 40.0 80.0
272 13.3 0.0 30.9

Manual Integrations
APPROVED

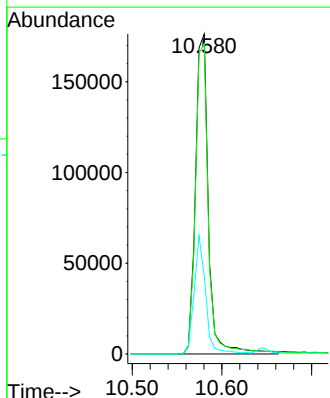
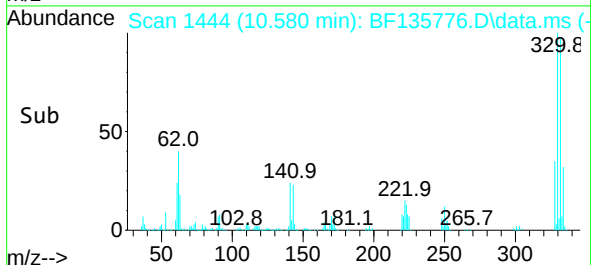
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

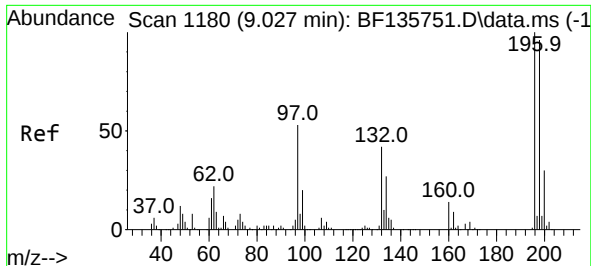


#42
2,4,6-Tribromophenol
Concen: 103.708 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:330 Resp: 176023
Ion Ratio Lower Upper
330 100
332 97.2 75.0 112.4
141 32.7 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 51.628 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF135776.D

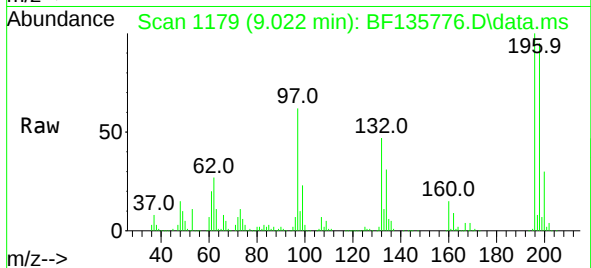
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:196 Resp: 169270

Ion Ratio Lower Upper

196 100

198 95.4 76.7 115.1

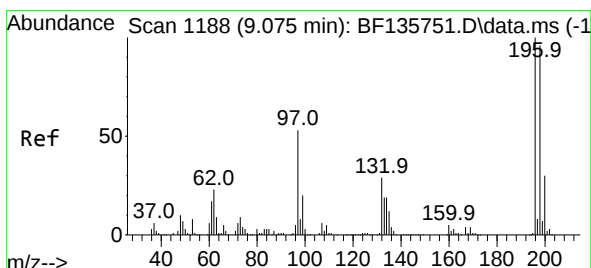
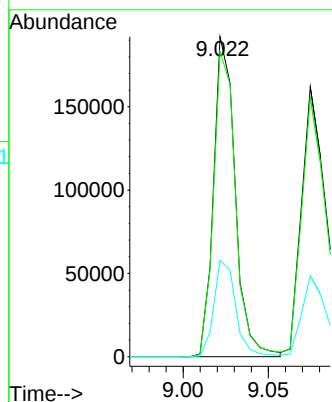
200 30.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#44

2,4,5-Trichlorophenol

Concen: 48.453 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:196 Resp: 184777

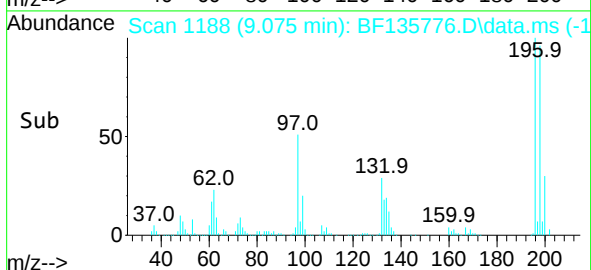
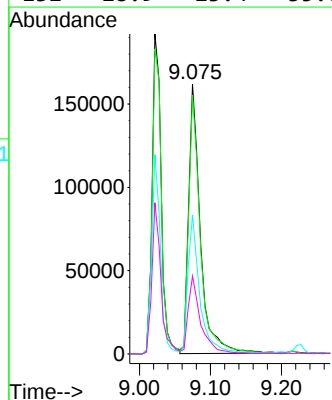
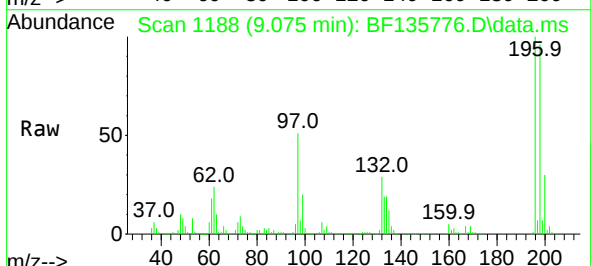
Ion Ratio Lower Upper

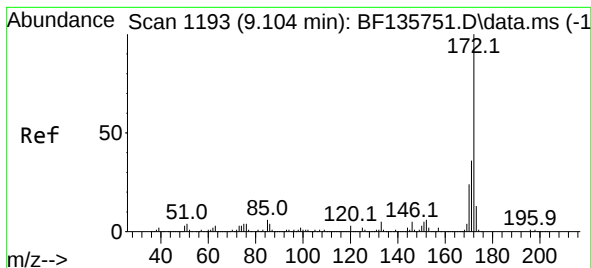
196 100

198 95.9 77.0 115.6

97 51.4 42.2 63.2

132 28.9 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 70.349 ng

RT: 9.098 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 79585

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

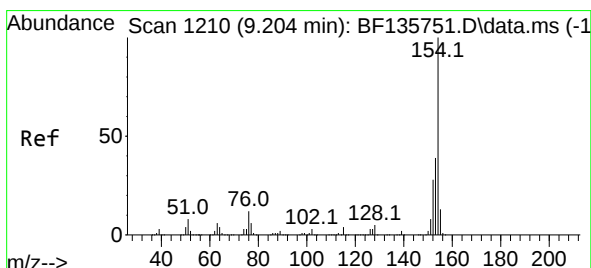
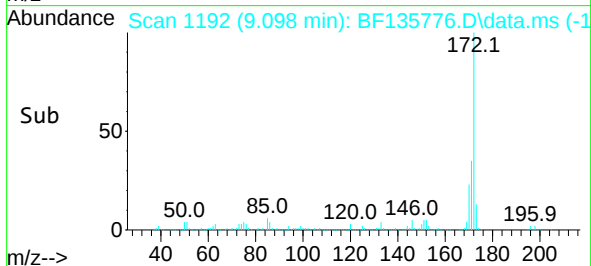
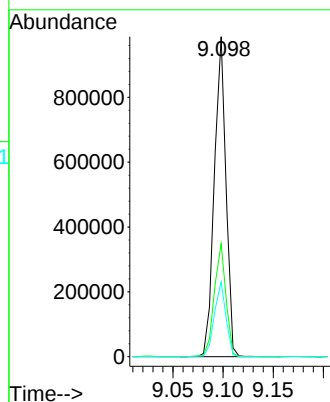
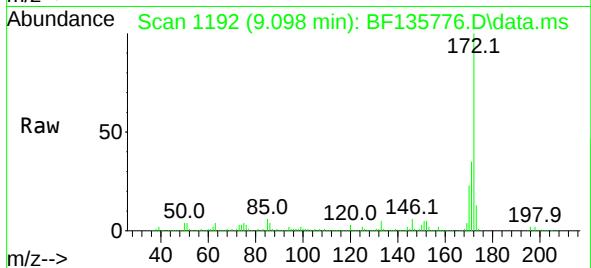
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#46

1,1'-Biphenyl

Concen: 51.102 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

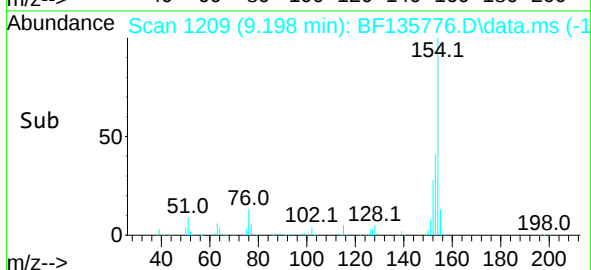
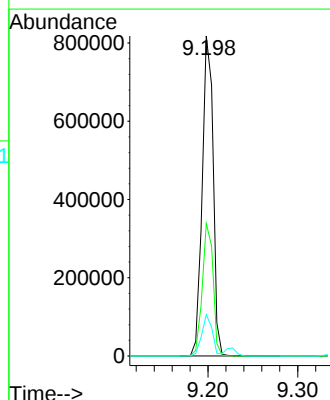
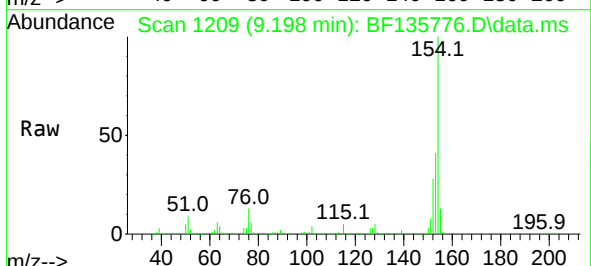
Tgt Ion:154 Resp: 692395

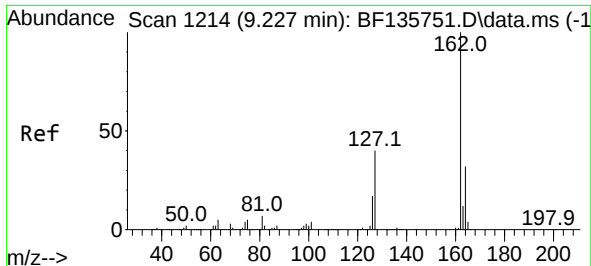
Ion Ratio Lower Upper

154 100

153 41.4 19.4 59.4

76 12.9 0.0 31.7





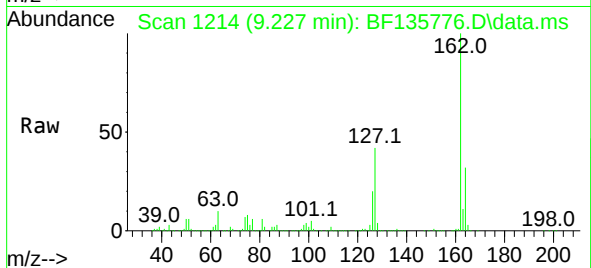
#47
2-Chloronaphthalene
Concen: 52.762 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



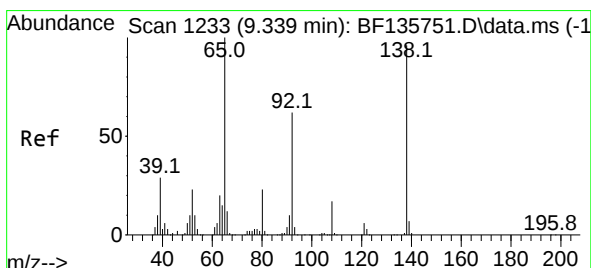
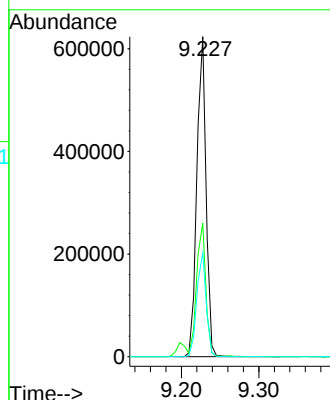
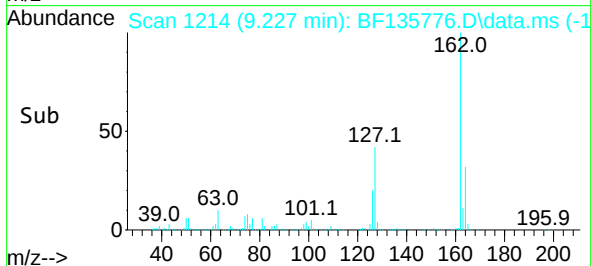
Tgt Ion:162 Resp: 515218
Ion Ratio Lower Upper
162 100
127 41.7 34.7 52.1
164 32.4 25.6 38.4

Manual Integrations

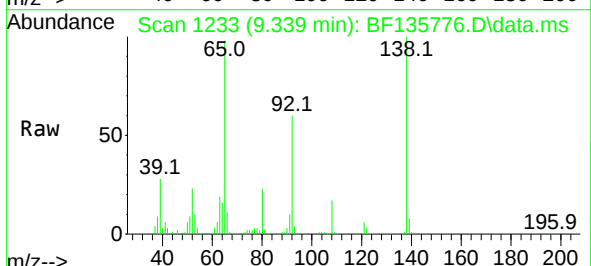
APPROVED

Reviewed By :Yogesh Patel 10/17/2023

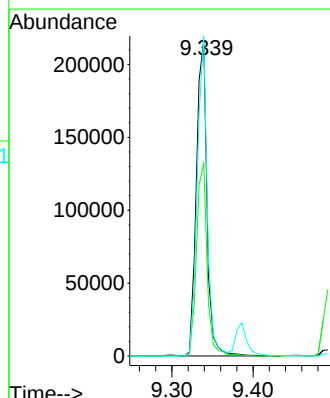
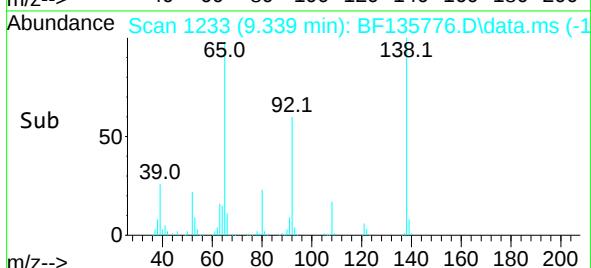
Supervised By :mohammad ahmed 10/17/2023

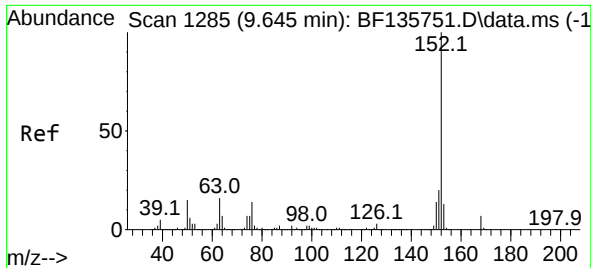


#48
2-Nitroaniline
Concen: 51.204 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



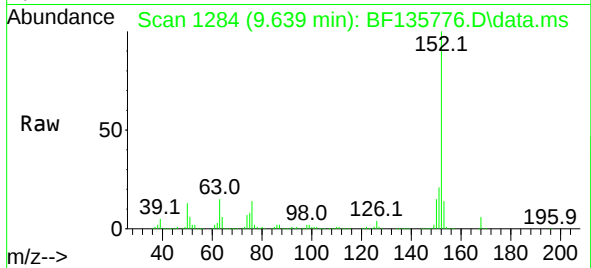
Tgt Ion: 65 Resp: 197360
Ion Ratio Lower Upper
65 100
92 61.2 49.4 74.0
138 101.6 76.6 114.8





#49
Acenaphthylene
Concen: 52.037 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

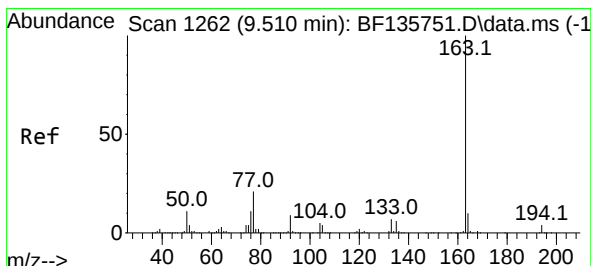
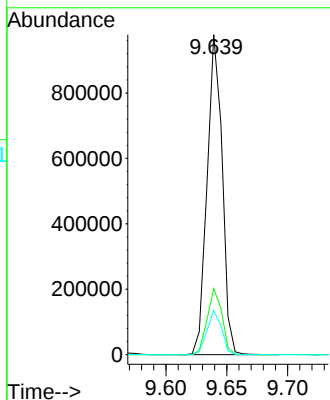
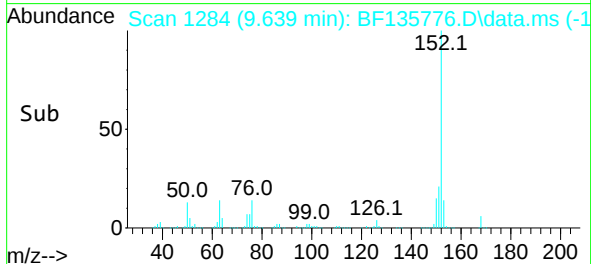
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



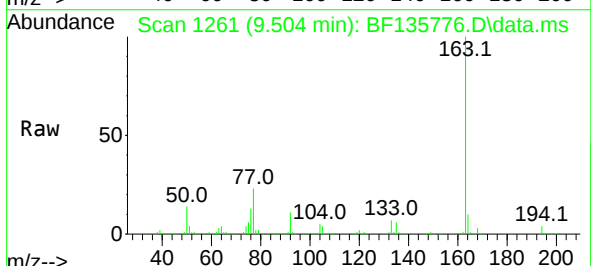
Tgt Ion:152 Resp: 840908
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.8 10.2 15.4

Manual Integrations
APPROVED

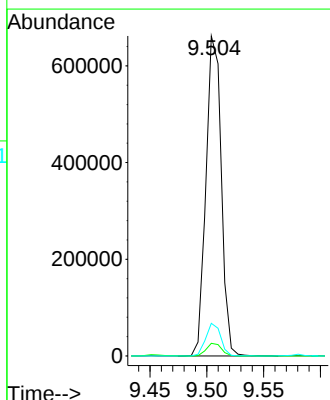
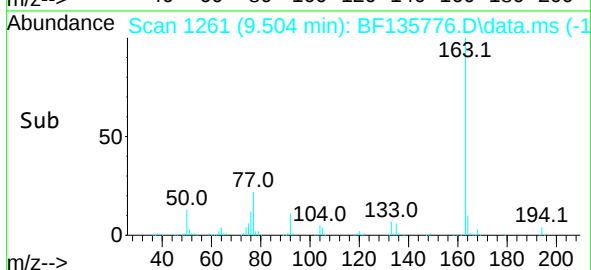
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

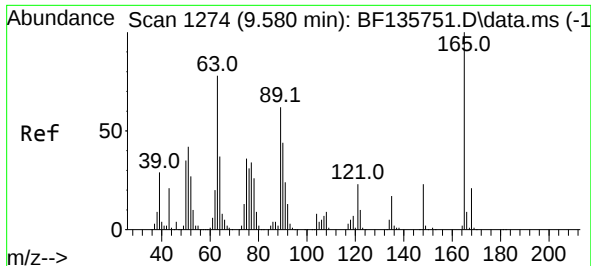


#50
Dimethylphthalate
Concen: 51.941 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



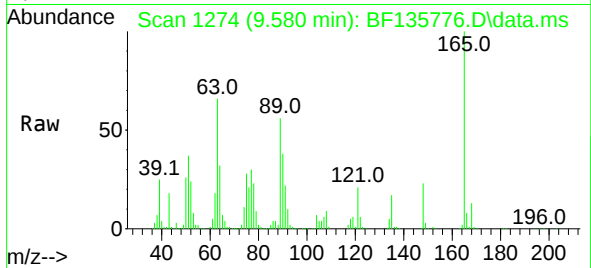
Tgt Ion:163 Resp: 620202
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.244 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

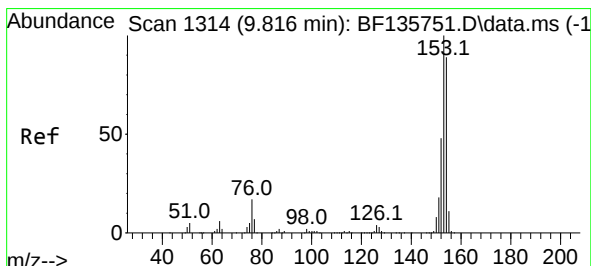
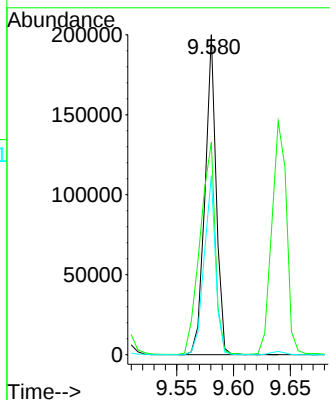
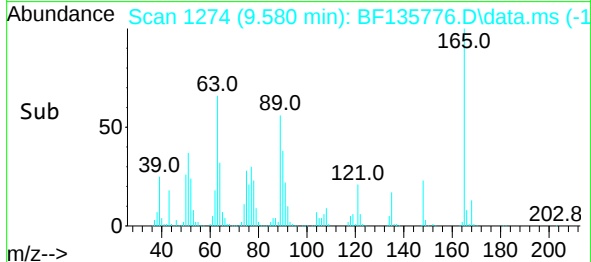
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 136710
Ion Ratio Lower Upper
165 100
63 66.3 62.2 93.4
89 56.0 49.6 74.4

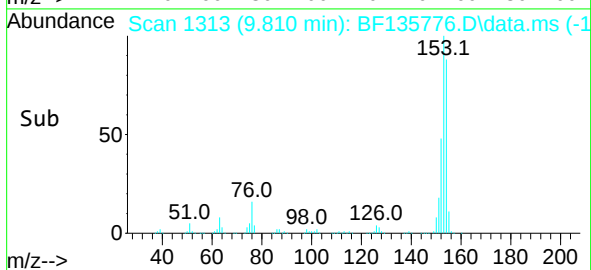
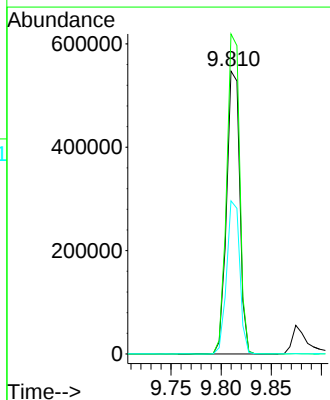
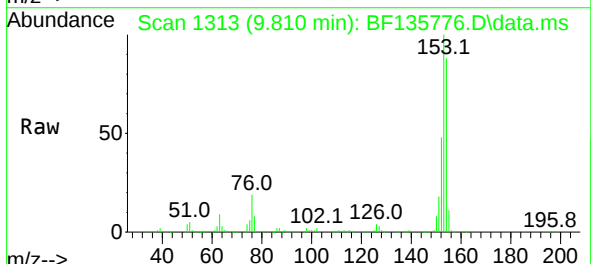
Manual Integrations
APPROVED

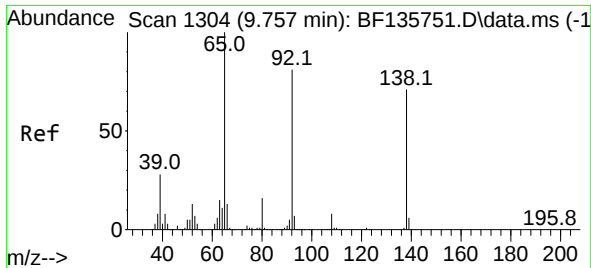
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#52
Acenaphthene
Concen: 51.529 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

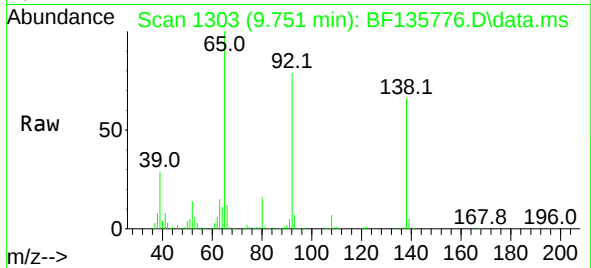
Tgt Ion:154 Resp: 499101
Ion Ratio Lower Upper
154 100
153 113.1 90.1 135.1
152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 36.311 ng
RT: 9.751 min Scan# 11429
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

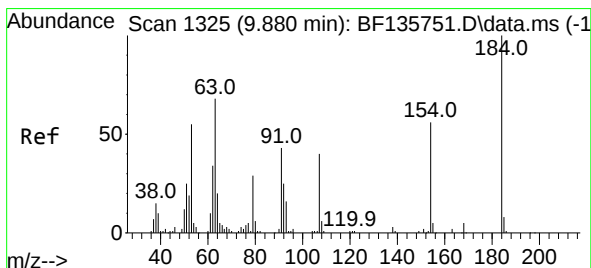
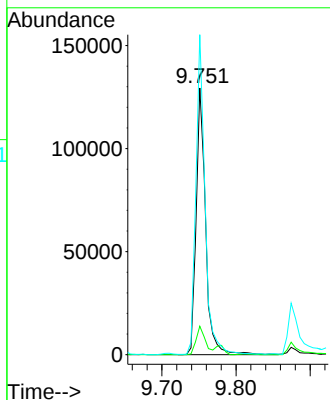
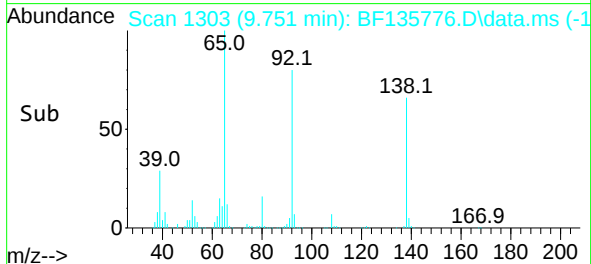
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:138 Resp: 11429
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 120.0 91.3 136.9

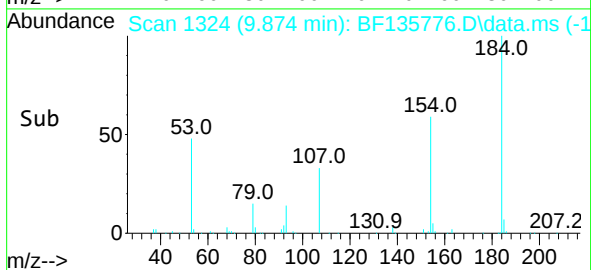
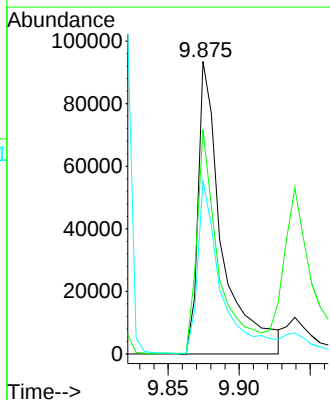
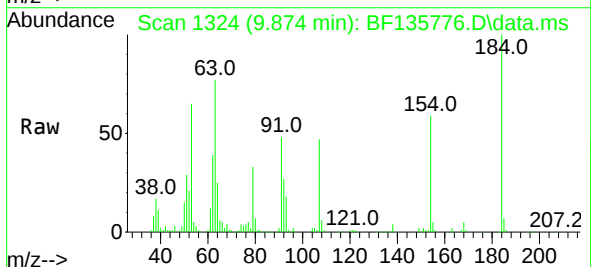
Manual Integrations
APPROVED

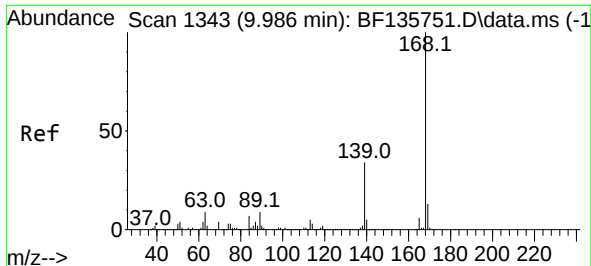
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#54
2,4-Dinitrophenol
Concen: 102.353 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:184 Resp: 109707
Ion Ratio Lower Upper
184 100
63 76.6 54.6 81.8
154 59.2 45.0 67.4





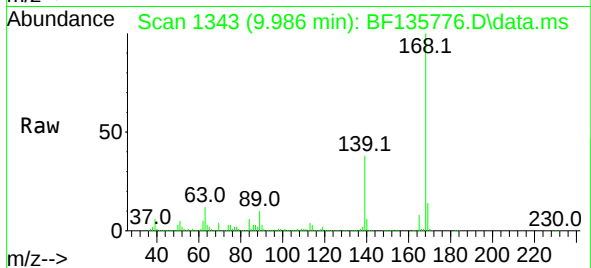
#55
Dibenzenofuran
Concen: 51.408 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

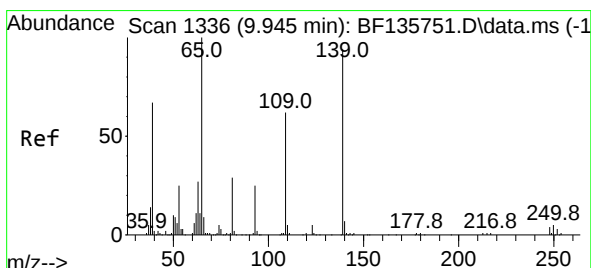
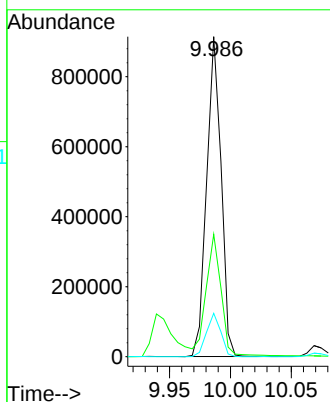
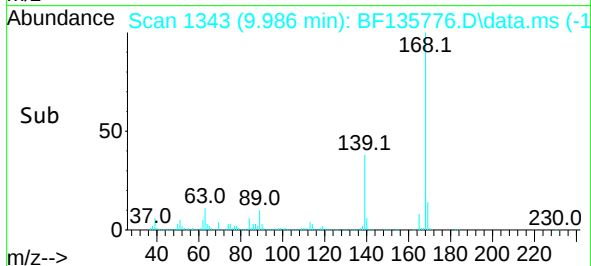


Tgt Ion:168 Resp: 75131
Ion Ratio Lower Upper
168 100
139 38.3 31.0 46.4
169 13.5 10.7 16.1

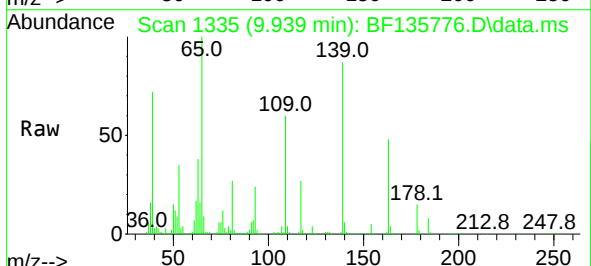
Manual Integrations

APPROVED

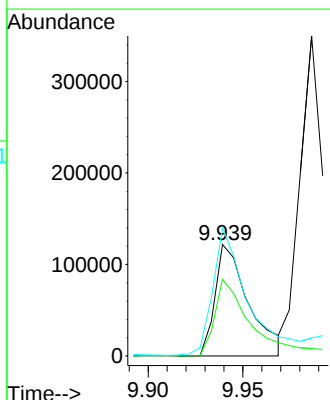
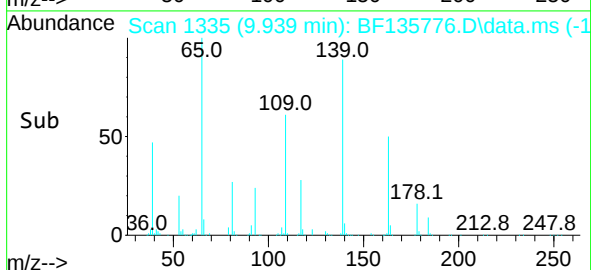
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

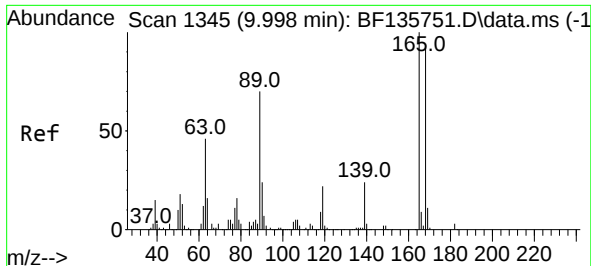


#56
4-Nitrophenol
Concen: 102.171 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:139 Resp: 149710
Ion Ratio Lower Upper
139 100
109 69.0 45.6 85.6
65 115.2 87.5 127.5





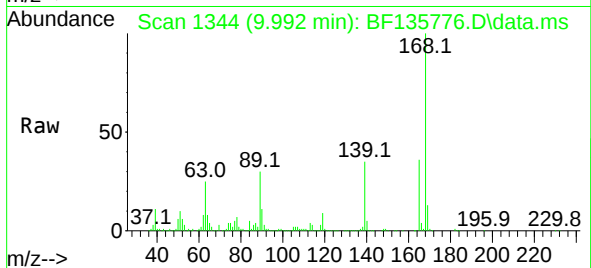
#57
2,4-Dinitrotoluene
Concen: 53.132 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



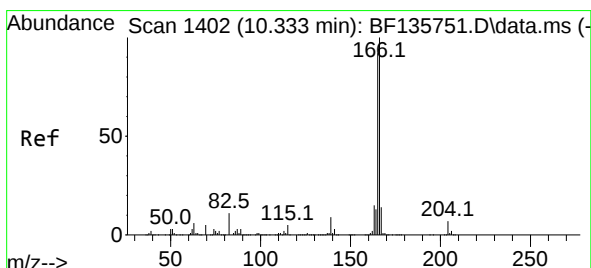
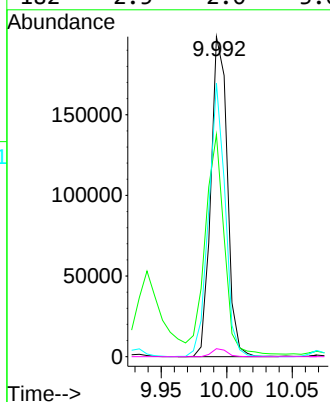
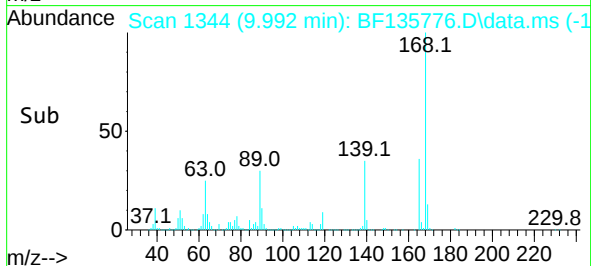
Tgt Ion:165 Resp: 173560
Ion Ratio Lower Upper
165 100
63 69.4 39.0 58.4
89 85.5 55.9 83.9
182 2.5 2.0 3.0

Manual Integrations

APPROVED

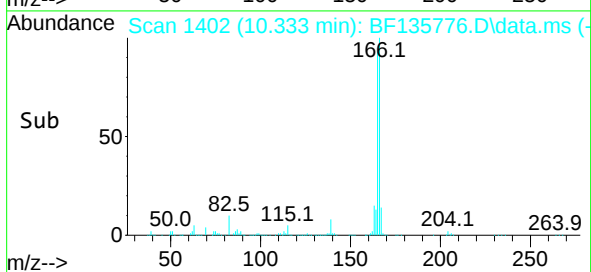
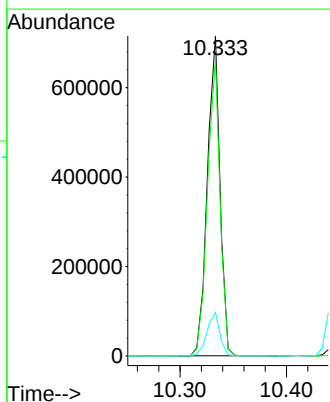
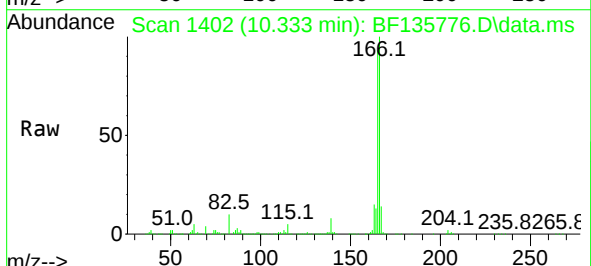
Reviewed By :Yogesh Patel 10/17/2023

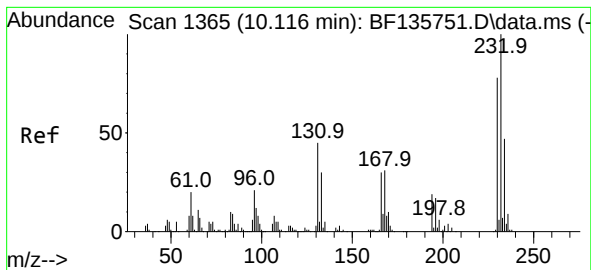
Supervised By :mohammad ahmed 10/17/2023



#58
Fluorene
Concen: 51.485 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

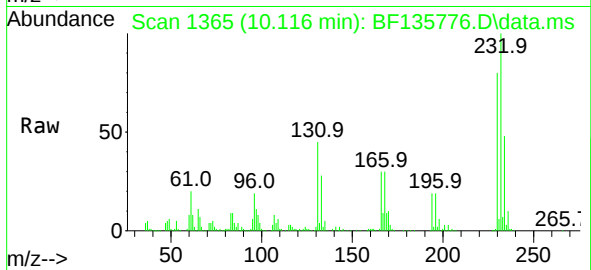
Tgt Ion:166 Resp: 589062
Ion Ratio Lower Upper
166 100
165 92.9 73.4 110.0
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.570 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

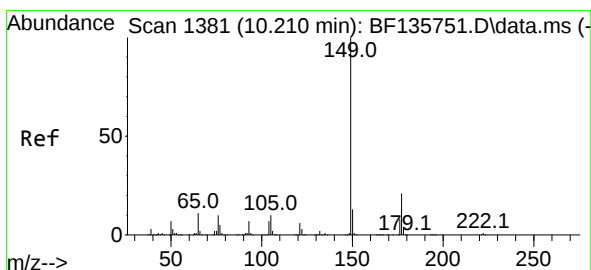
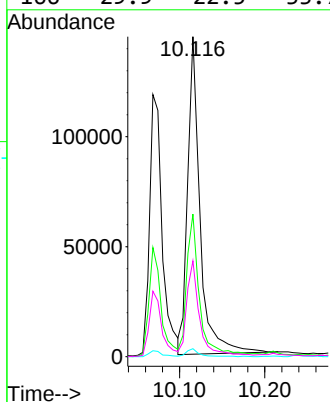
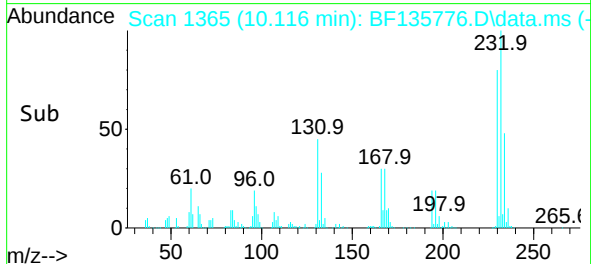
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:232 Resp: 145739
Ion Ratio Lower Upper
232 100
131 43.8 35.8 53.6
130 2.7 1.9 2.9
166 29.9 22.5 33.7

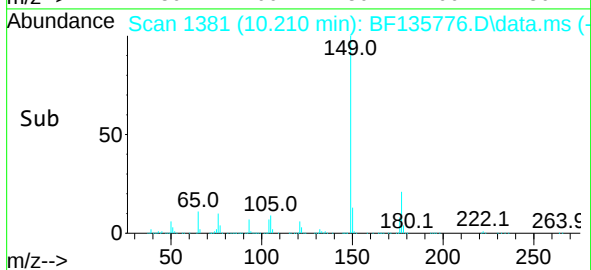
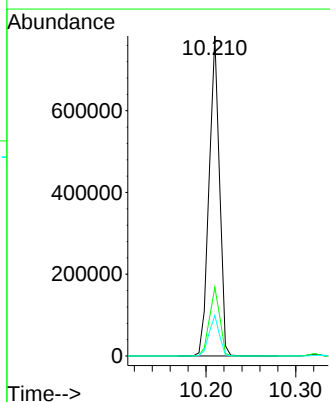
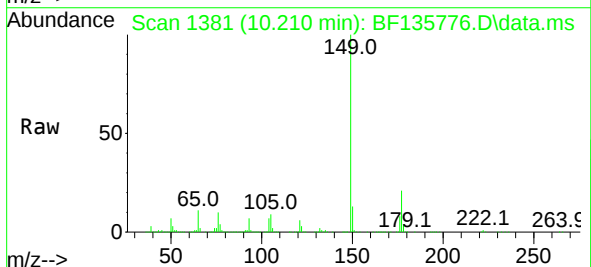
Manual Integrations
APPROVED

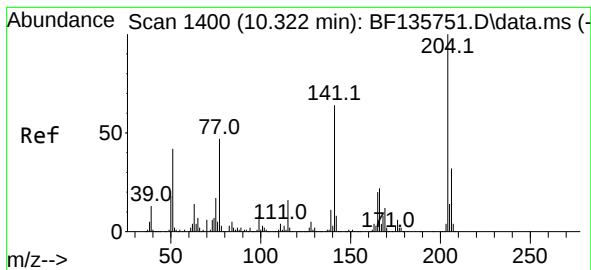
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#60
Diethylphthalate
Concen: 51.675 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

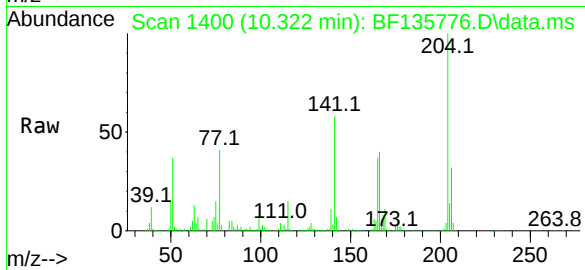
Tgt Ion:149 Resp: 629911
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.191 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

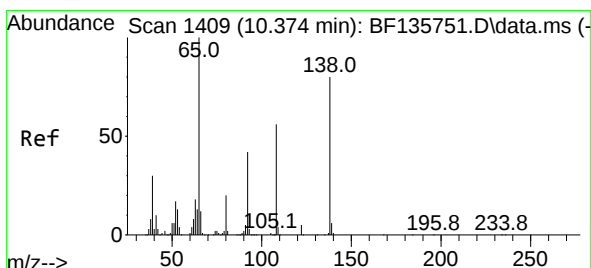
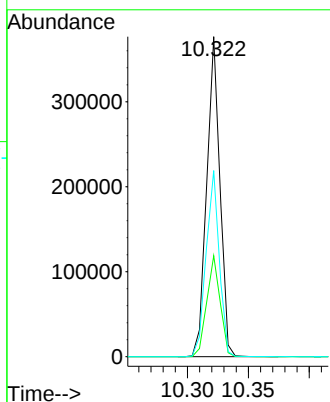
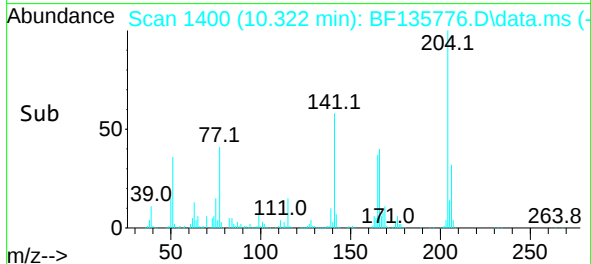
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:204 Resp: 28307
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.6
141 58.2 51.4 77.0

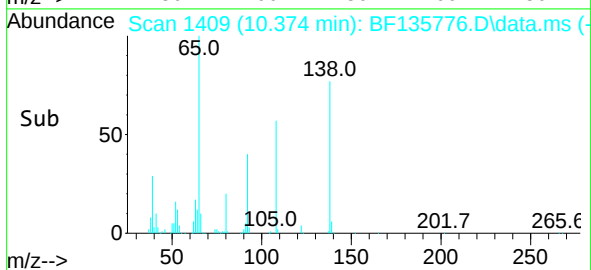
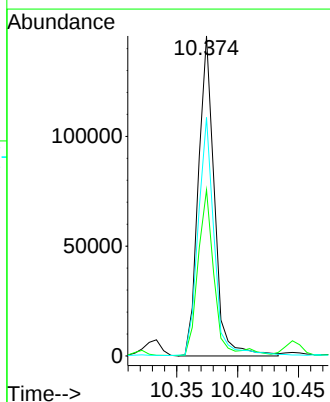
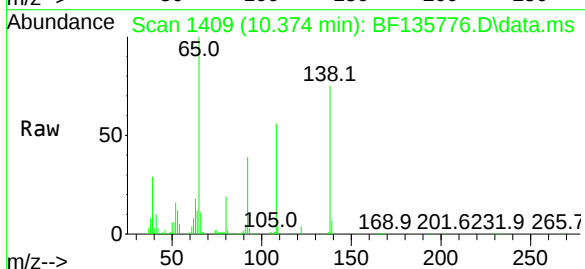
Manual Integrations
APPROVED

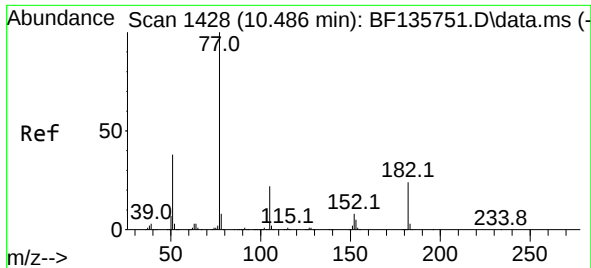
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#62
4-Nitroaniline
Concen: 46.114 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

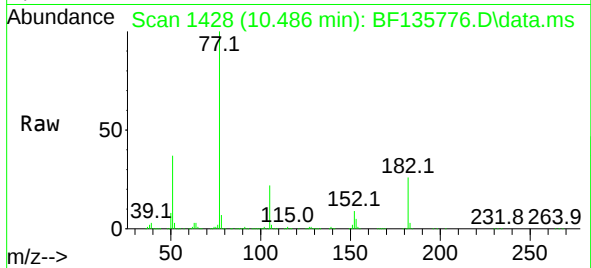
Tgt Ion:138 Resp: 133552
Ion Ratio Lower Upper
138 100
92 51.9 31.9 71.9
108 74.5 49.7 89.7





#63
Azobenzene
Concen: 50.477 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

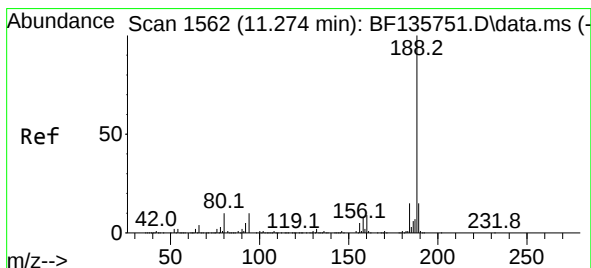
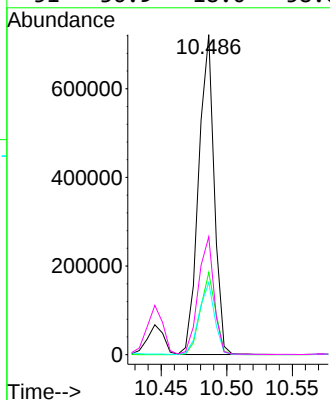
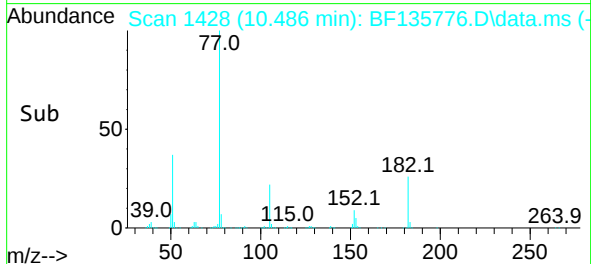
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 77 Resp: 59781
Ion Ratio Lower Upper
77 100
182 25.7 3.5 43.5
105 22.5 2.2 42.2
51 36.9 18.0 58.0

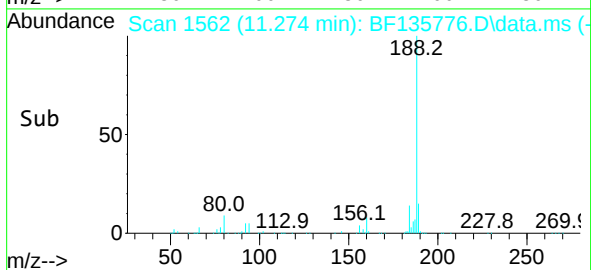
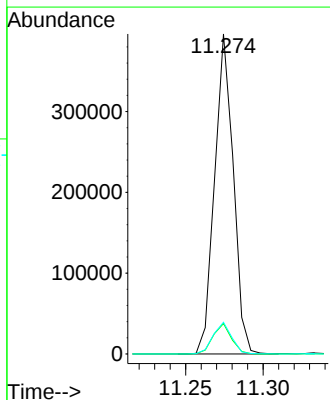
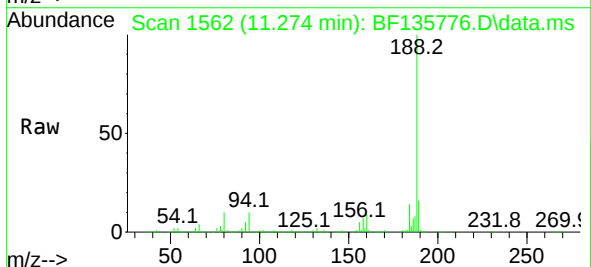
Manual Integrations
APPROVED

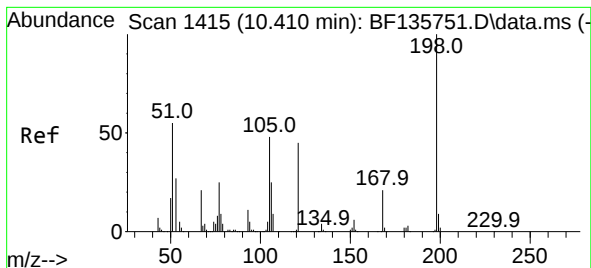
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:188 Resp: 332005
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 9.9 8.3 12.5





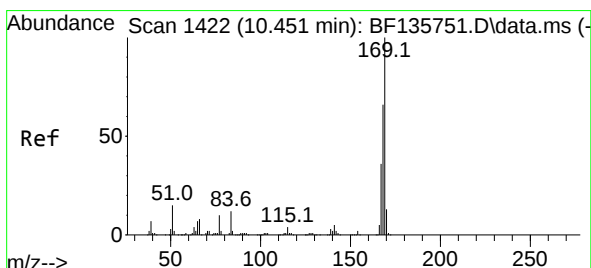
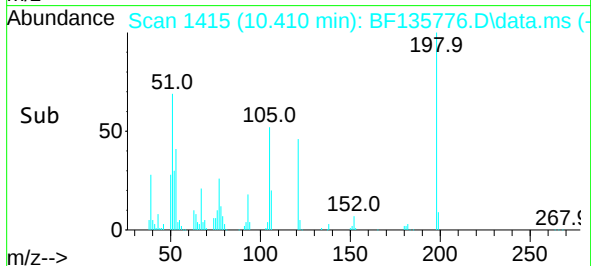
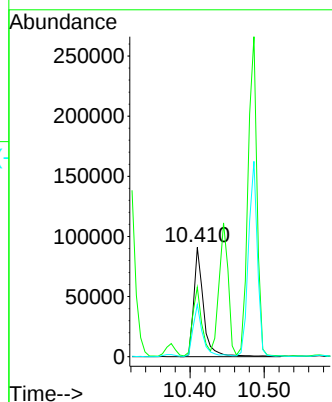
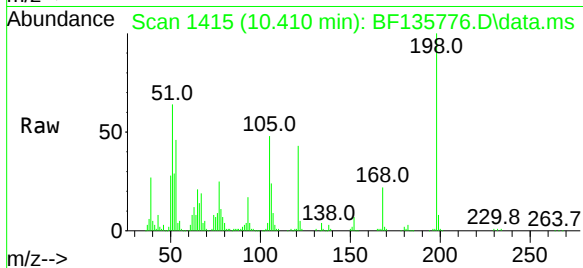
#65
4,6-Dinitro-2-methylphenol
Concen: 50.035 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 83602
Ion Ratio Lower Upper
198 100
51 63.5 47.6 87.6
105 47.7 29.2 69.2

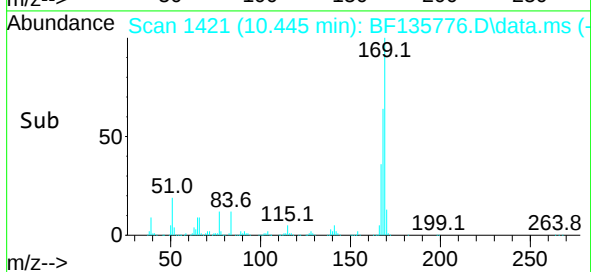
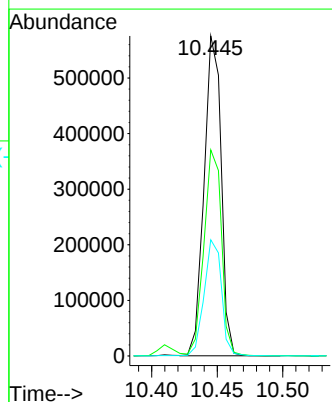
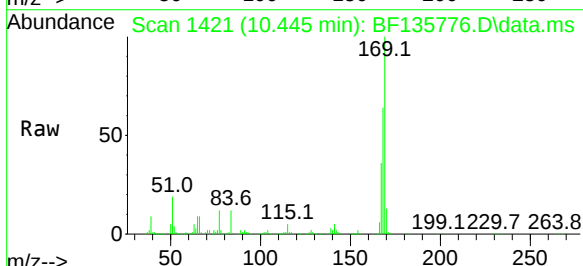
Manual Integrations
APPROVED

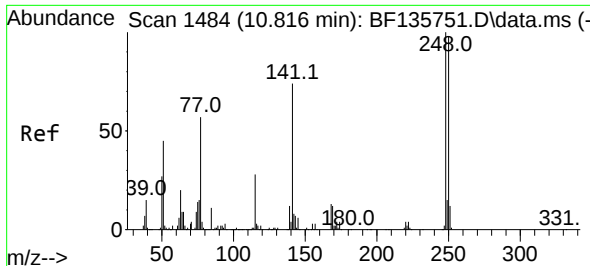
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#66
n-Nitrosodiphenylamine
Concen: 51.674 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

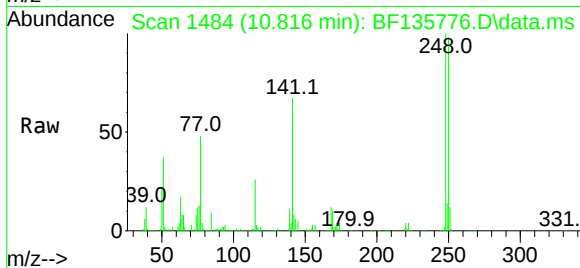
Tgt Ion:169 Resp: 522908
Ion Ratio Lower Upper
169 100
168 64.4 53.4 80.2
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 51.357 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

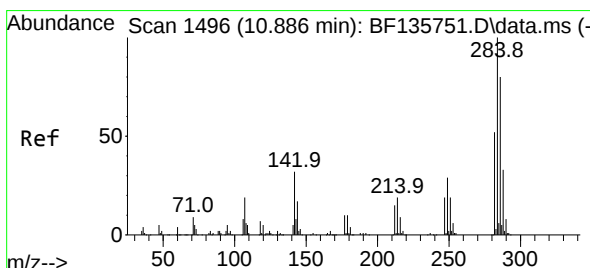
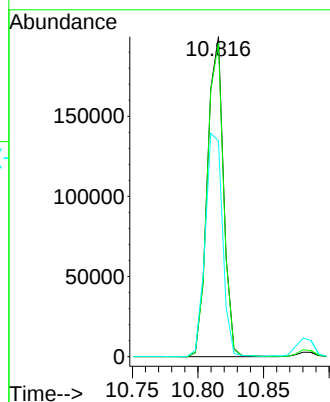
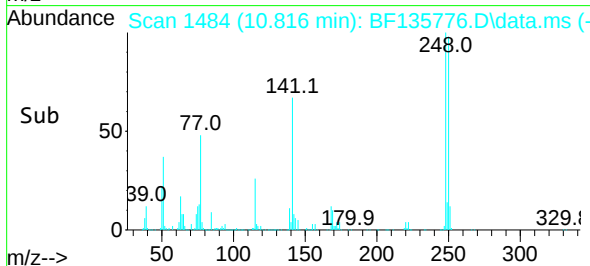
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



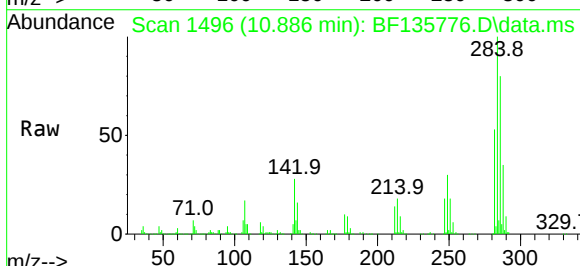
Tgt Ion:248 Resp: 171159
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 67.5 59.0 88.6

Manual Integrations
APPROVED

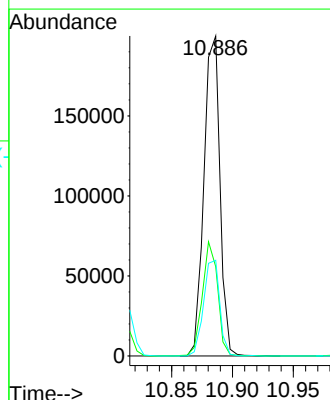
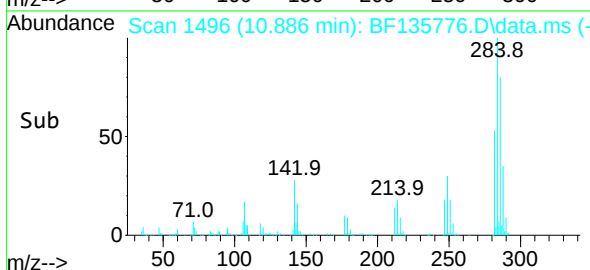
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

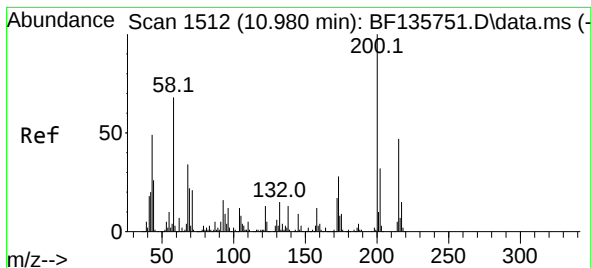


#68
Hexachlorobenzene
Concen: 53.733 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:284 Resp: 182323
Ion Ratio Lower Upper
284 100
142 27.9 25.3 37.9
249 29.9 23.5 35.3





#69

Atrazine

Concen: 62.332 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135776.D

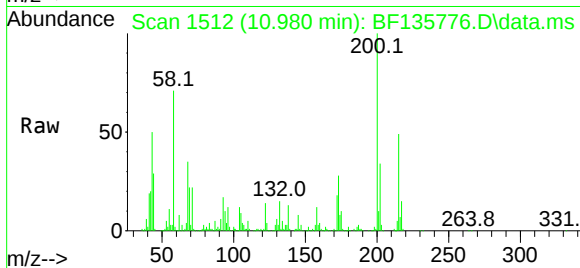
Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:200 Resp: 17156

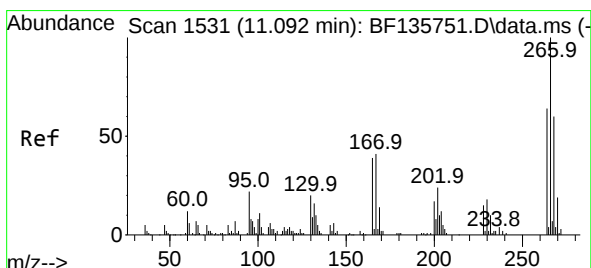
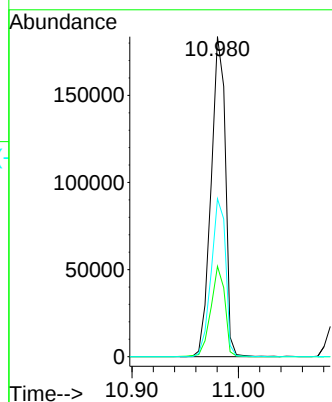
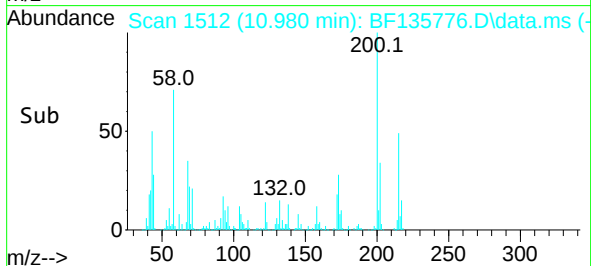
Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.6	47.6
215	49.3	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#70

Pentachlorophenol

Concen: 101.815 ng

RT: 11.092 min Scan# 1531

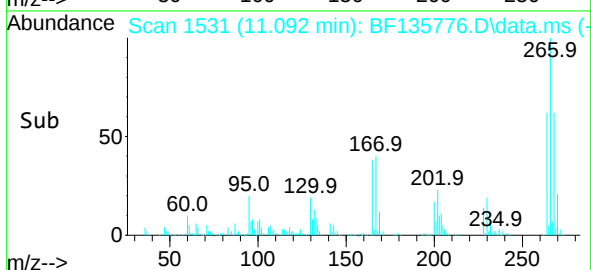
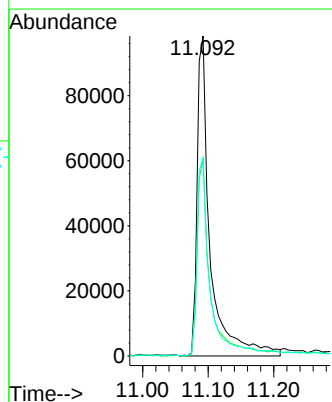
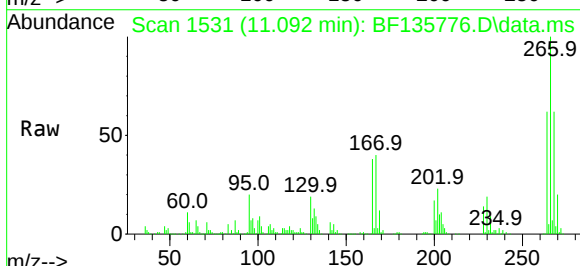
Delta R.T. -0.000 min

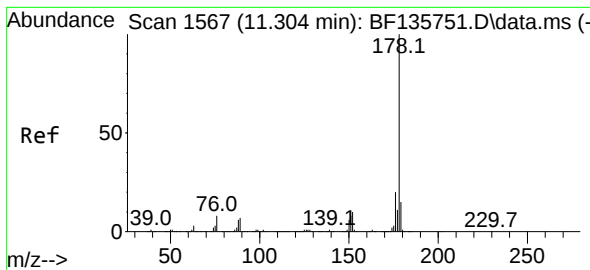
Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:266 Resp: 136255

Ion	Ratio	Lower	Upper
266	100		
268	61.6	47.7	71.5
264	61.8	51.4	77.2





#71

Phenanthrene

Concen: 52.896 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:178 Resp: 841292

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

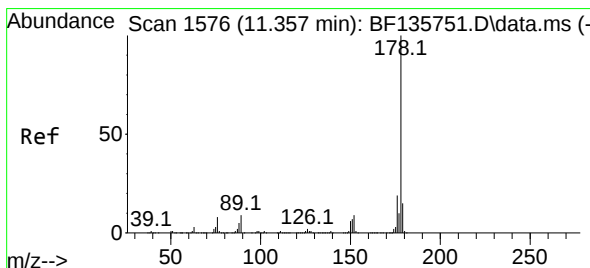
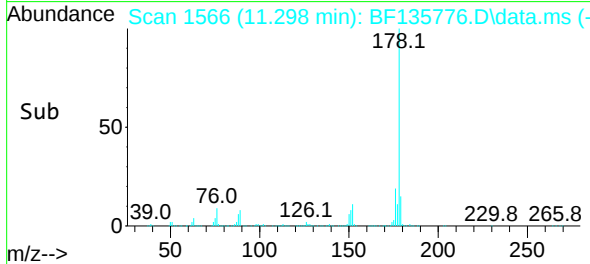
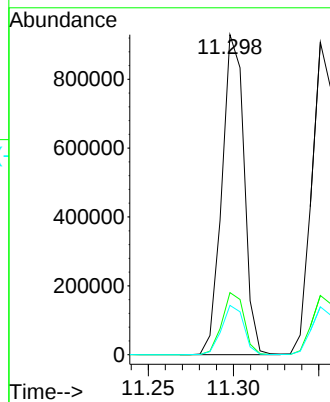
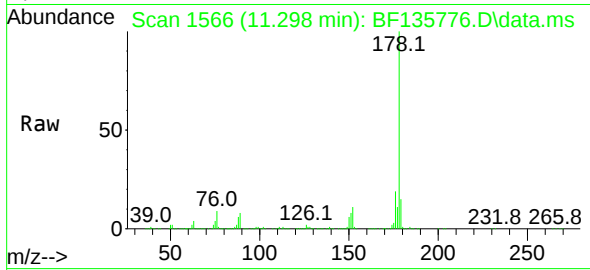
179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#72

Anthracene

Concen: 50.759 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

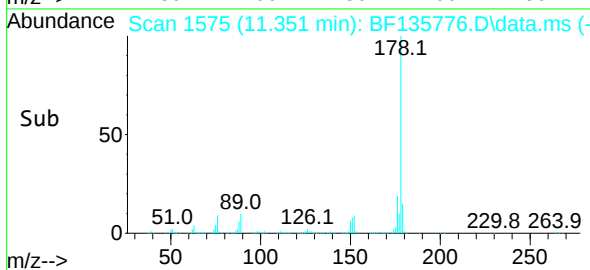
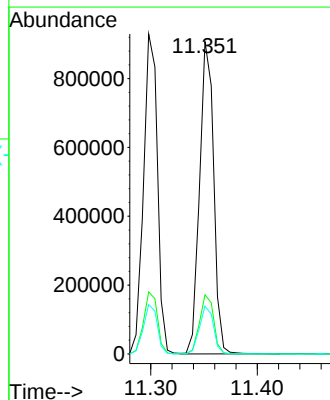
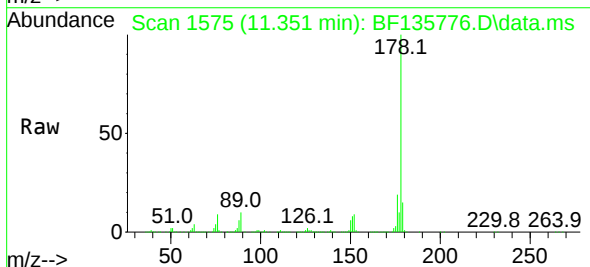
Tgt Ion:178 Resp: 836549

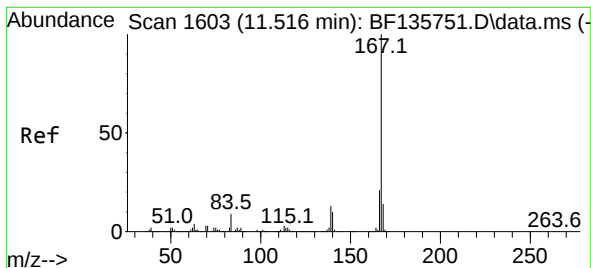
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

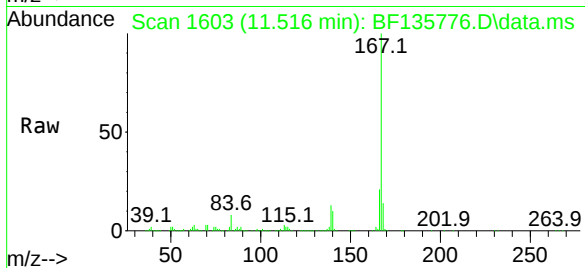
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 51.210 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135776.D
 Acq: 16 Oct 2023 14:45

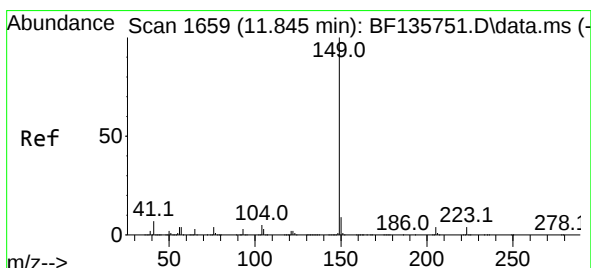
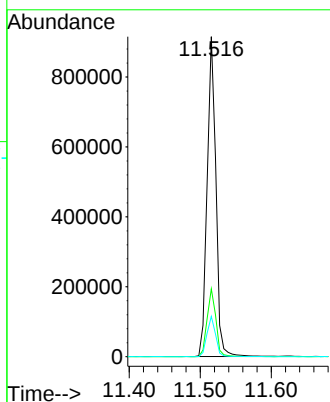
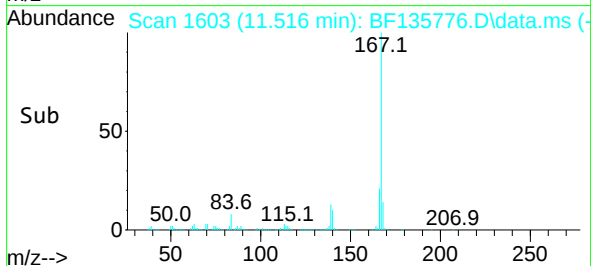
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



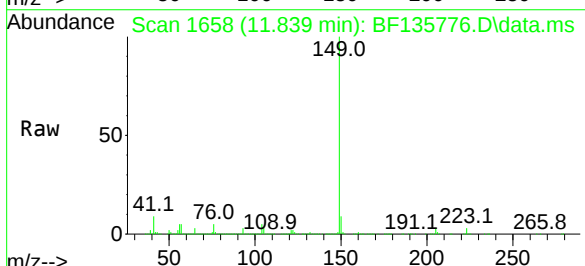
Tgt Ion:167 Resp: 787135
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.6 10.2 15.4

Manual Integrations
 APPROVED

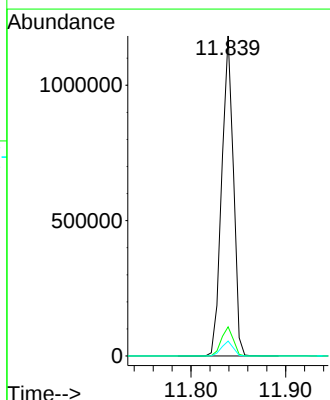
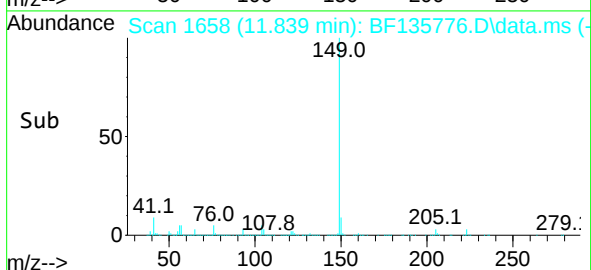
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

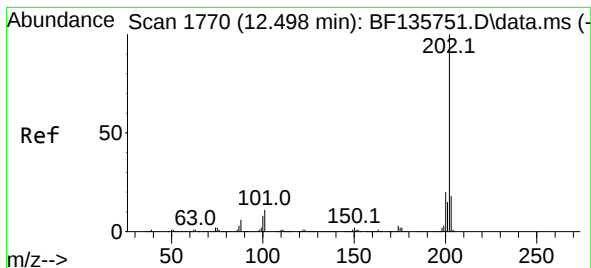


#74
 Di-n-butylphthalate
 Concen: 53.782 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135776.D
 Acq: 16 Oct 2023 14:45



Tgt Ion:149 Resp: 1014950
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 53.175 ng

RT: 12.498 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

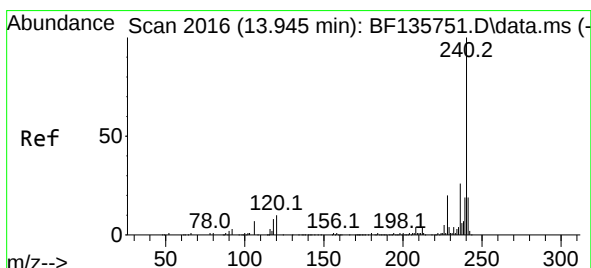
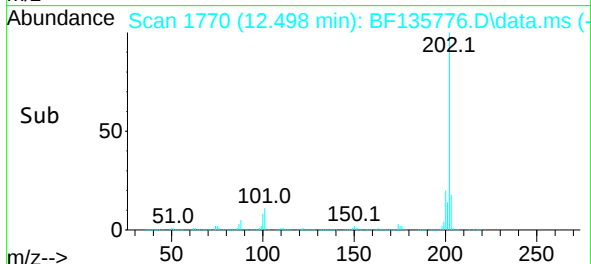
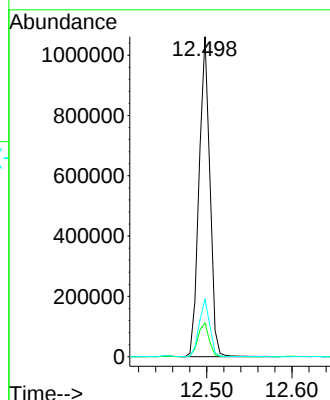
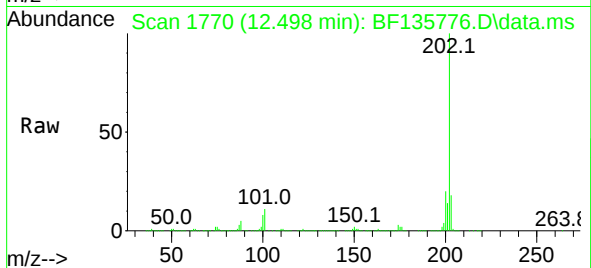
Tgt Ion:	202	Resp:	93865
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	31.5
203	17.8	0.0	38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#76

Chrysene-d12

Concen: 20.000 ng

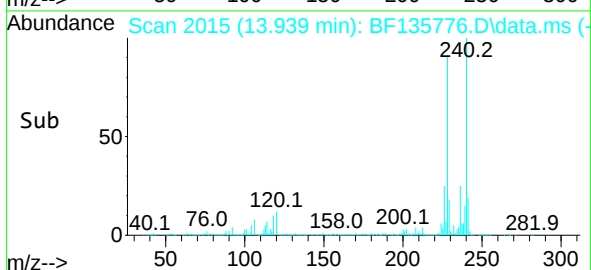
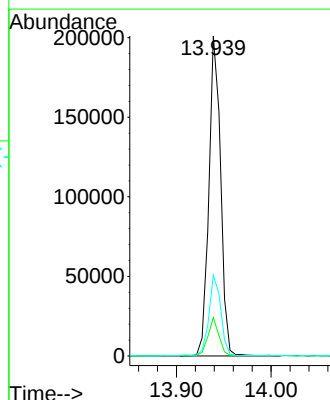
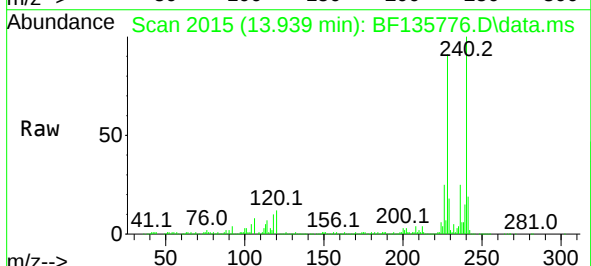
RT: 13.939 min Scan# 2015

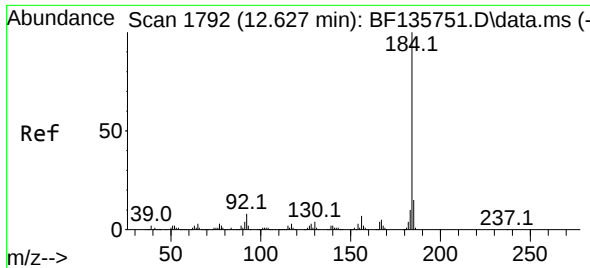
Delta R.T. -0.012 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

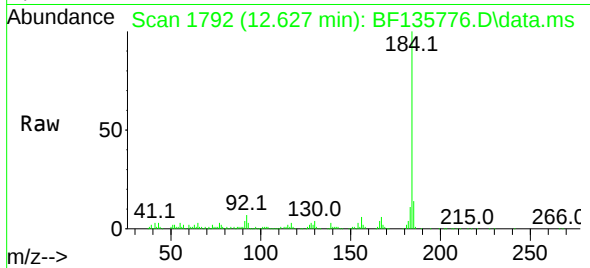
Tgt Ion:	240	Resp:	172719
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.2	12.2
236	25.2	21.2	31.8





#77
Benzidine
Concen: 34.900 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

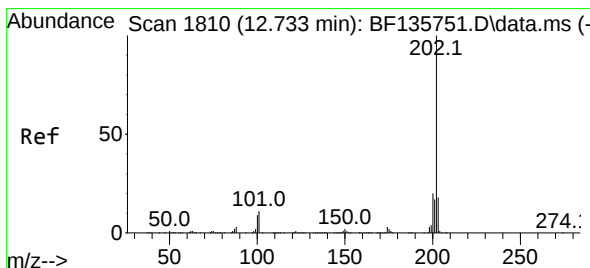
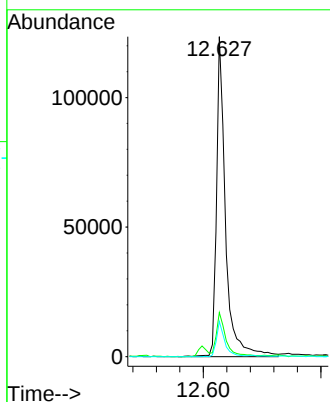
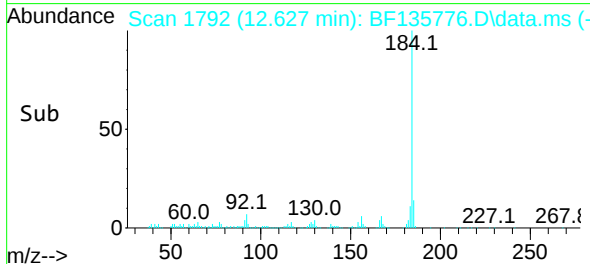
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



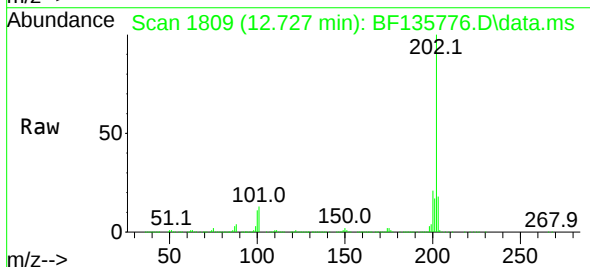
Tgt Ion:184 Resp: 131530
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 11.0 8.2 12.2

Manual Integrations
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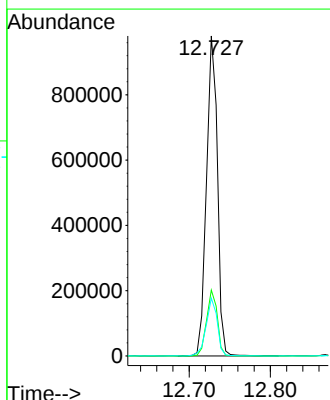
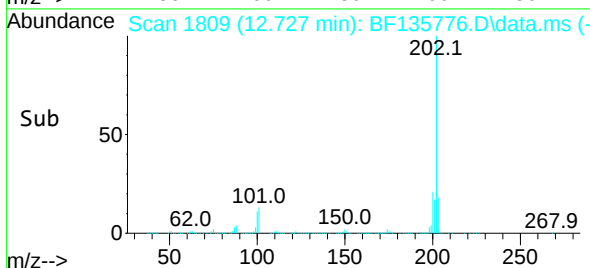
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

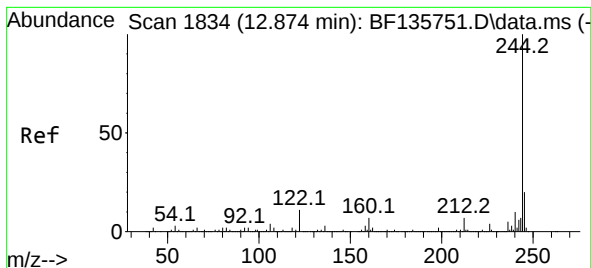


#78
Pyrene
Concen: 66.510 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:202 Resp: 912856
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 18.1 14.2 21.2





#79

Terphenyl-d14

Concen: 87.616 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:244 Resp: 817150

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

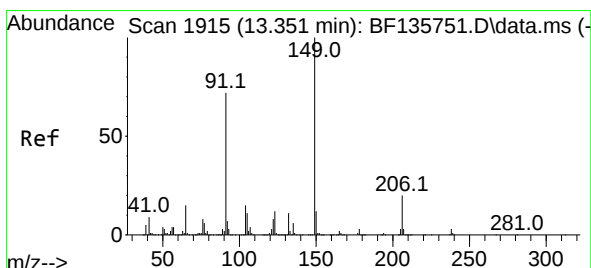
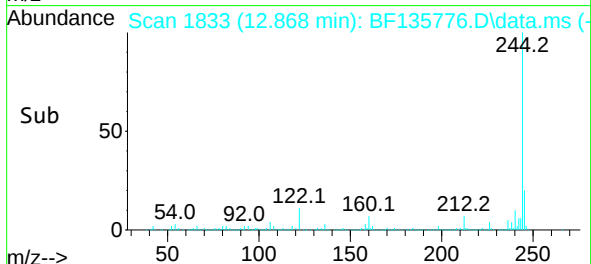
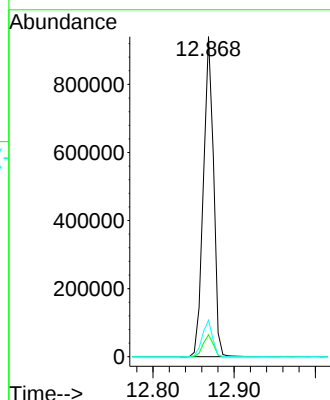
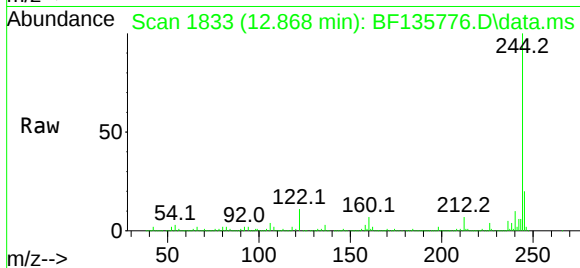
122 11.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#80

Butylbenzylphthalate

Concen: 59.363 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

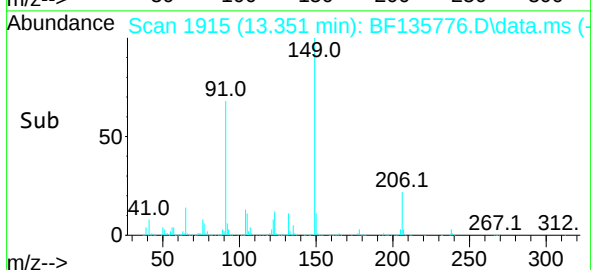
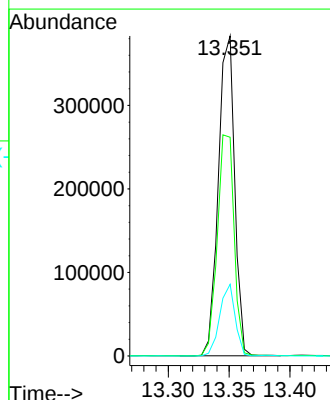
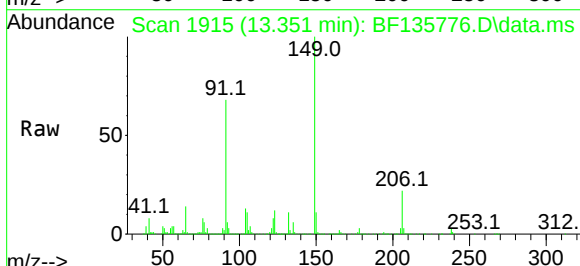
Tgt Ion:149 Resp: 358040

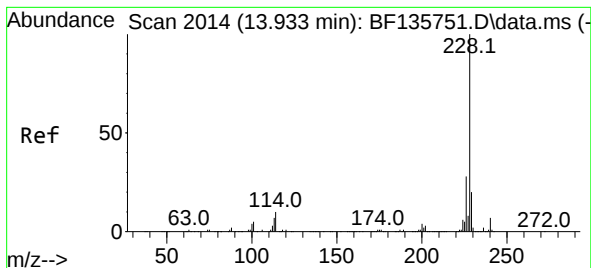
Ion Ratio Lower Upper

149 100

91 68.3 57.4 86.0

206 22.4 16.2 24.4





#81

Benzo(a)anthracene

Concen: 55.669 ng

RT: 13.927 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

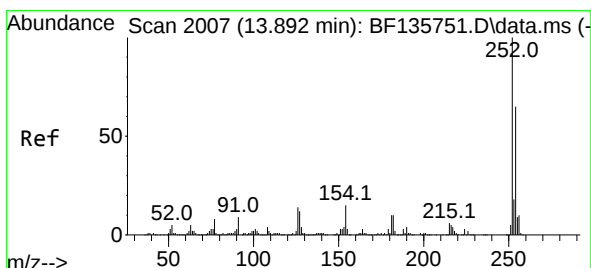
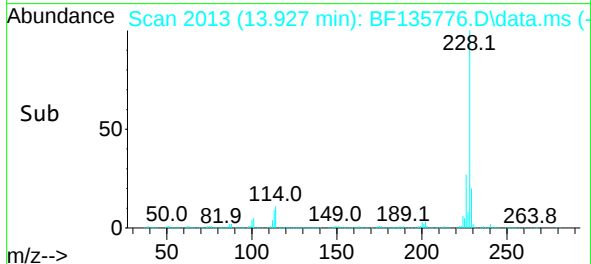
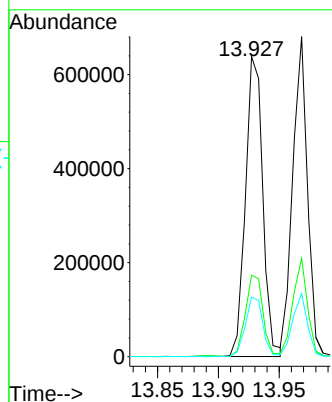
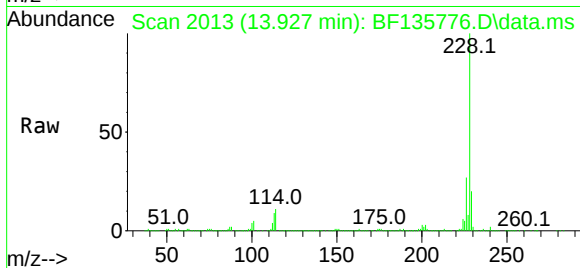
Tgt Ion:228 Resp: 631552
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.2 33.2
 229 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.946 ng

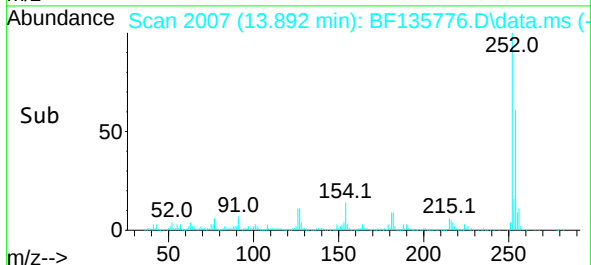
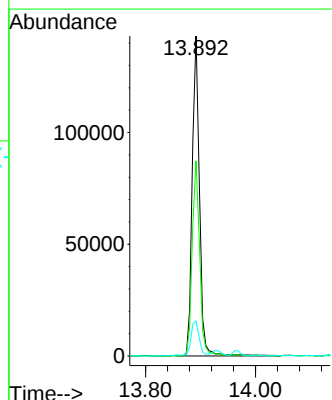
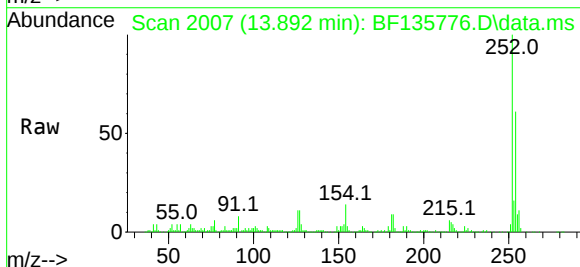
RT: 13.892 min Scan# 2007

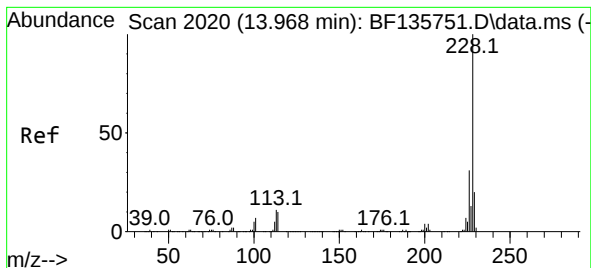
Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Tgt Ion:252 Resp: 131486
 Ion Ratio Lower Upper
 252 100
 254 61.0 51.8 77.6
 126 11.0 11.0 16.4





#83

Chrysene

Concen: 52.187 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

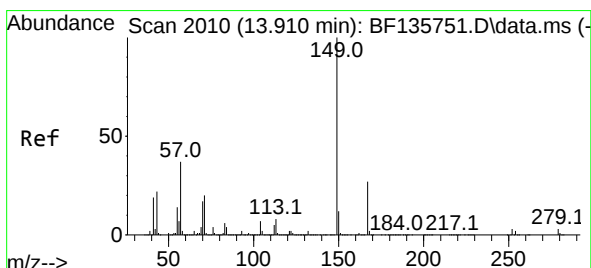
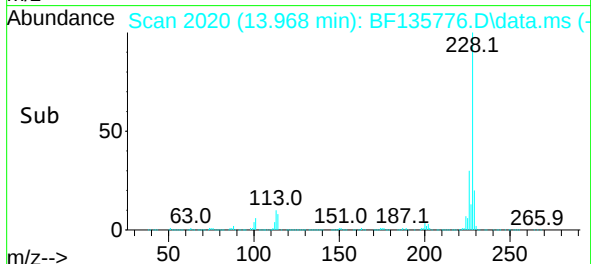
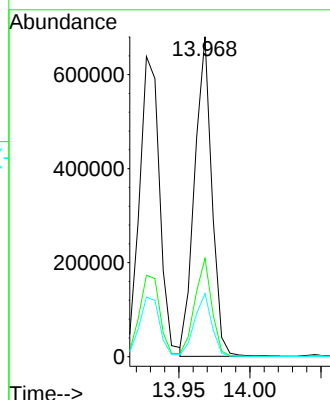
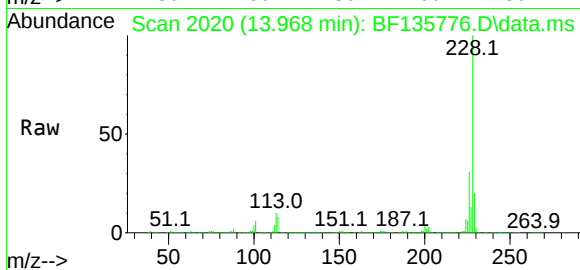
TP-3MSD

Tgt Ion:228 Resp: 57344
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.8 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.236 ng

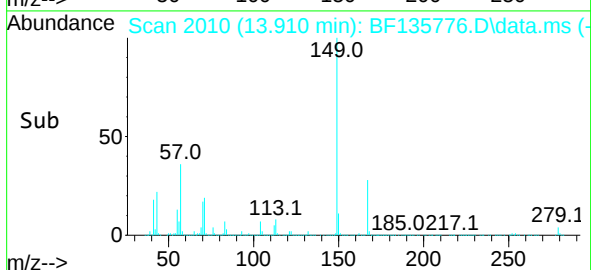
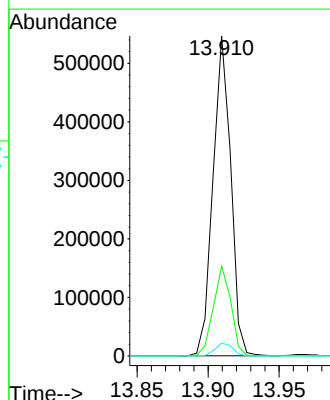
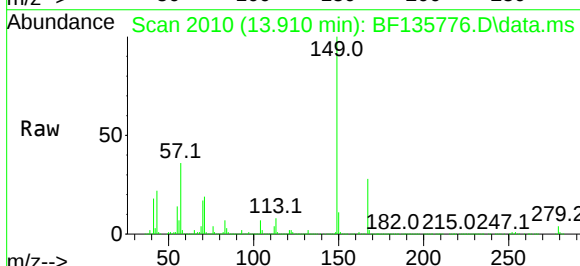
RT: 13.910 min Scan# 2010

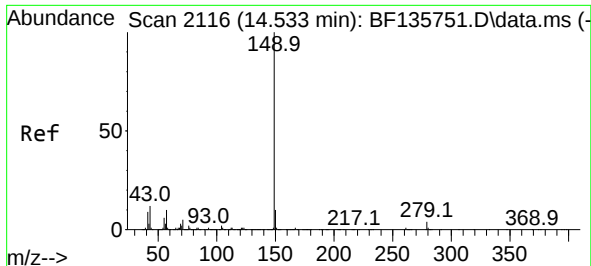
Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

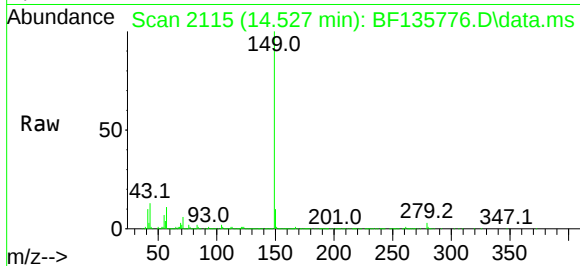
Tgt Ion:149 Resp: 476044
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 4.0 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 57.717 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

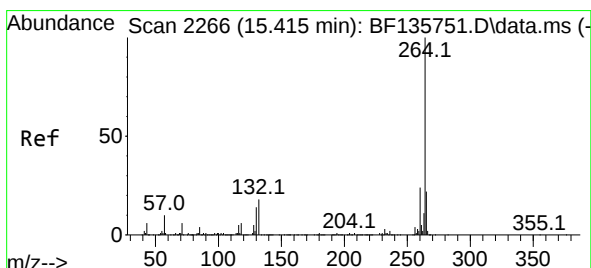
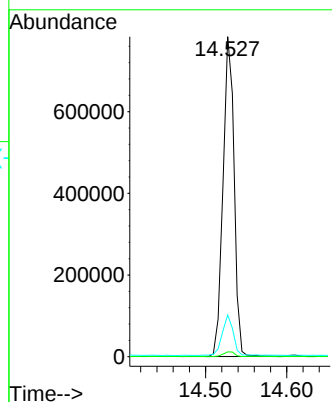
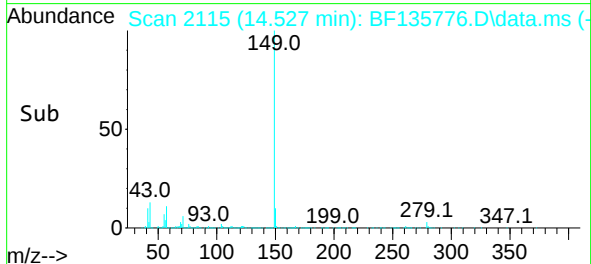
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



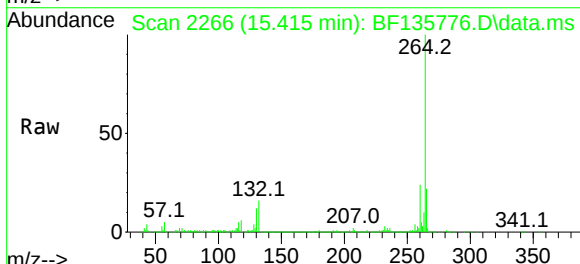
Tgt Ion:149 Resp: 748140
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.6 10.1 15.1

Manual Integrations
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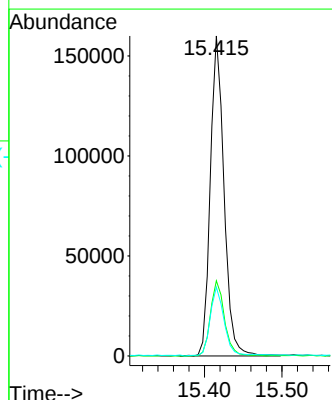
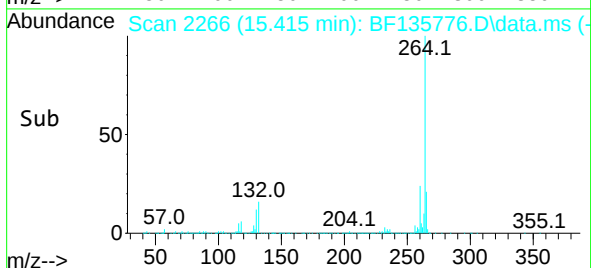
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

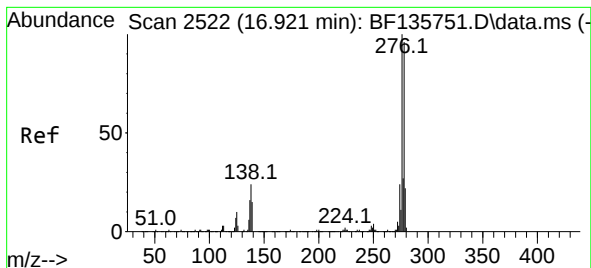


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45



Tgt Ion:264 Resp: 196583
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.391 ng

RT: 16.927 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:276 Resp: 625440

Ion Ratio Lower Upper

276 100

138 22.8 19.8 29.6

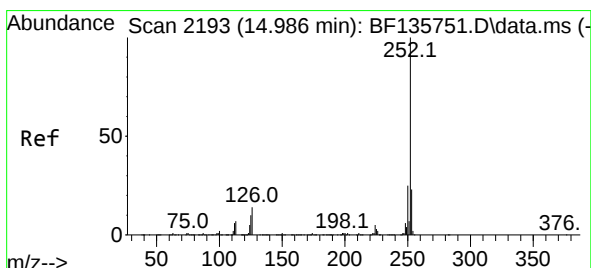
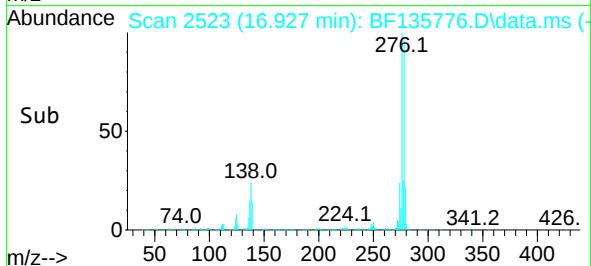
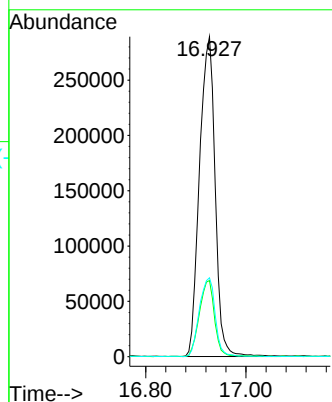
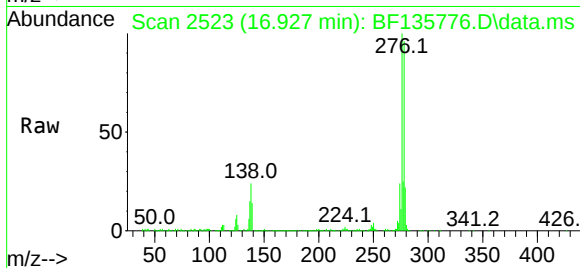
277 25.2 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#88

Benzo(b)fluoranthene

Concen: 55.171 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

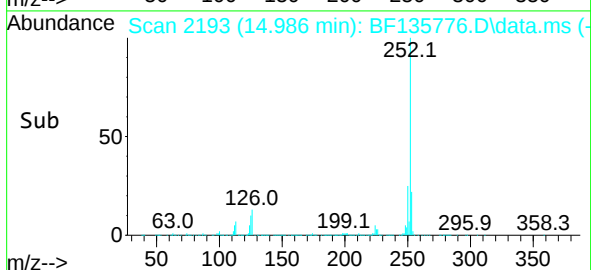
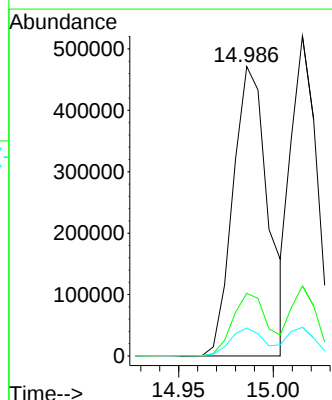
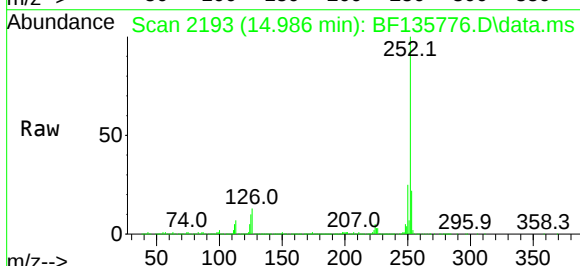
Tgt Ion:252 Resp: 606999

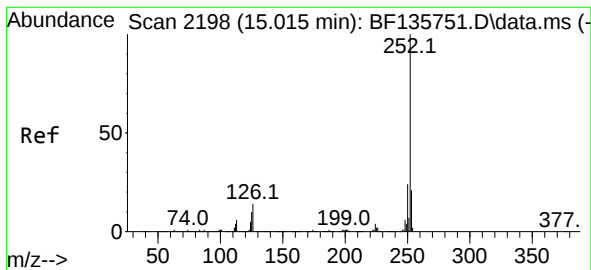
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 9.7 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 46.678 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:252 Resp: 49858

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

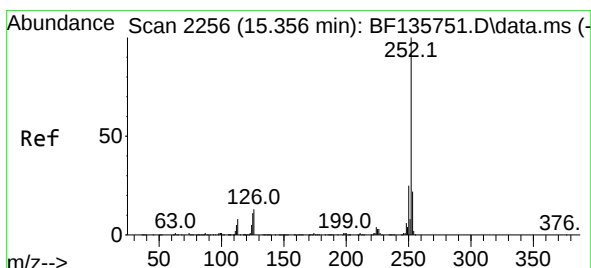
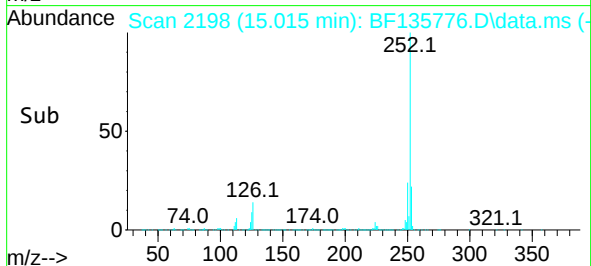
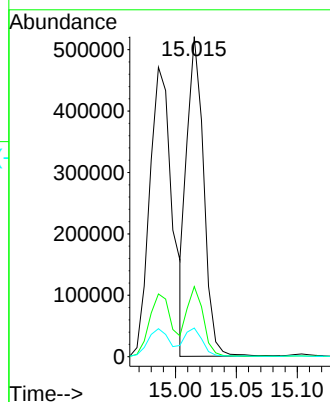
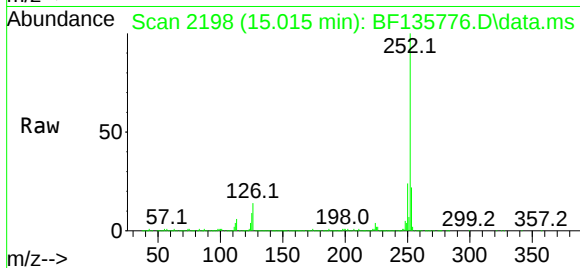
125 9.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#90

Benzo(a)pyrene

Concen: 49.295 ng

RT: 15.357 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF135776.D

Acq: 16 Oct 2023 14:45

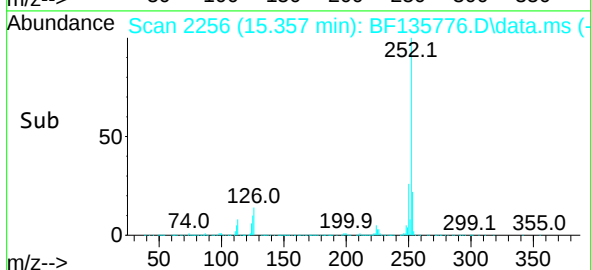
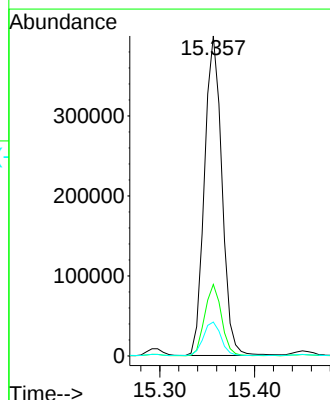
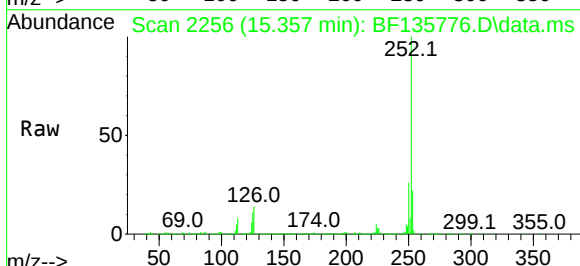
Tgt Ion:252 Resp: 509985

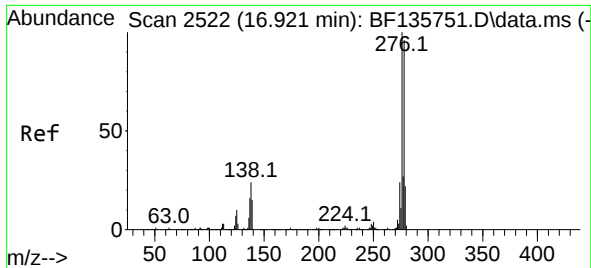
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.6 8.8 13.2





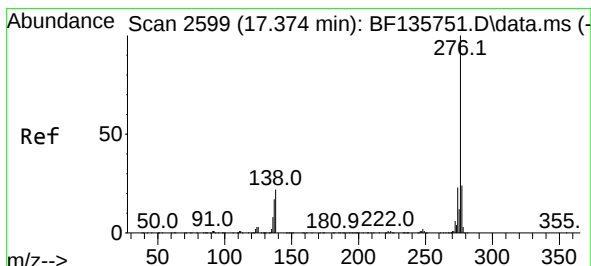
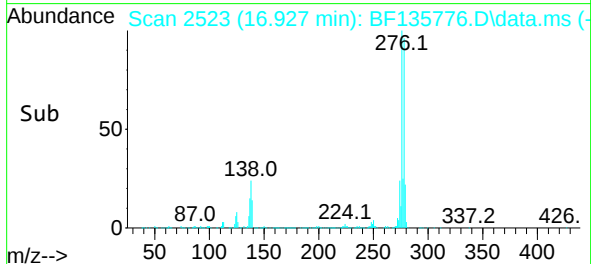
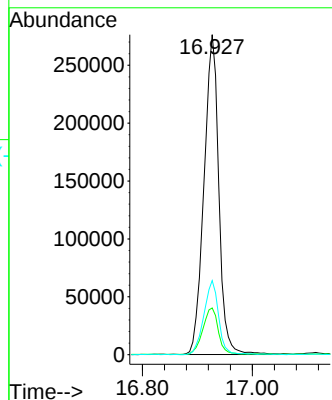
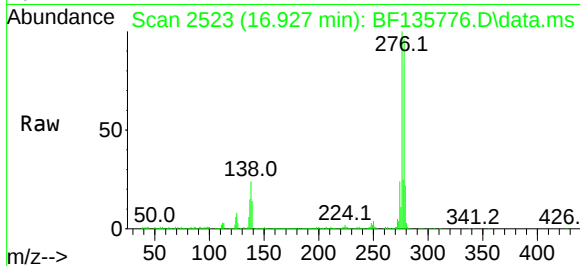
#91
Dibenzo(a,h)anthracene
Concen: 58.883 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 51704
Ion Ratio Lower Upper
278 100
139 14.6 12.5 18.7
279 23.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 54.503 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135776.D
Acq: 16 Oct 2023 14:45

Tgt Ion:276 Resp: 491604
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.2
138 20.5 17.3 25.9

