

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135320.D
 Acq On : 18 Sep 2023 22:22
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 00:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	121128	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	451481	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	209033	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317649	20.000	ng	0.00
76) Chrysene-d12	13.945	240	192907	20.000	ng	0.00
86) Perylene-d12	15.409	264	256461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1160612	155.841	ng	0.02
7) Phenol-d6	6.416	99	1461613	154.345	ng	0.01
23) Nitrobenzene-d5	7.328	82	958741	115.371	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	281323	135.428	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1532362	110.600	ng	0.00
79) Terphenyl-d14	12.880	244	992435	79.752	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	131824	40.378	ng	97
3) Pyridine	3.298	79	396599	45.136	ng	98
4) n-Nitrosodimethylamine	3.263	42	312715	67.066	ng	89
6) Aniline	6.428	93	519810	41.859	ng	# 1
8) 2-Chlorophenol	6.551	128	525185	66.060	ng	97
9) Benzaldehyde	6.316	77	142862	26.482	ng	99
10) Phenol	6.428	94	577806	55.644	ng	77
11) bis(2-Chloroethyl)ether	6.504	93	493100	63.306	ng	98
12) 1,3-Dichlorobenzene	6.698	146	492983	61.015	ng	98
13) 1,4-Dichlorobenzene	6.775	146	503221	61.217	ng	98
14) 1,2-Dichlorobenzene	6.928	146	469535	61.507	ng	98
15) Benzyl Alcohol	6.910	79	446604	65.721	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	931586	63.451	ng	96
17) 2-Methylphenol	7.028	107	403961	57.580	ng	# 93
18) Hexachloroethane	7.263	117	192085	63.242	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	337510	57.541	ng	94
20) 3+4-Methylphenols	7.181	107	442700	52.477	ng	91
22) Acetophenone	7.175	105	654057	63.365	ng	# 96
24) Nitrobenzene	7.351	77	541837	65.968	ng	97
25) Isophorone	7.586	82	1020313	66.864	ng	98
26) 2-Nitrophenol	7.663	139	274143	69.542	ng	96
27) 2,4-Dimethylphenol	7.704	122	397840	60.040	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	612324	67.043	ng	99
29) 2,4-Dichlorophenol	7.904	162	408141	66.473	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	424574	66.157	ng	98
31) Naphthalene	8.063	128	1385521	63.162	ng	99
32) Benzoic acid	7.863	122	340215	68.185	ng	98
33) 4-Chloroaniline	8.116	127	418048	43.437	ng	98
34) Hexachlorobutadiene	8.175	225	249408	64.451	ng	99
35) Caprolactam	8.504	113	138622m	67.271	ng	
36) 4-Chloro-3-methylphenol	8.610	107	438938	64.322	ng	99
37) 2-Methylnaphthalene	8.751	142	867611	58.840	ng	99
38) 1-Methylnaphthalene	8.851	142	834794	60.470	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	412956	68.191	ng	99
41) Hexachlorocyclopentadiene	8.904	237	243608	90.252	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	276815	69.814	ng	98

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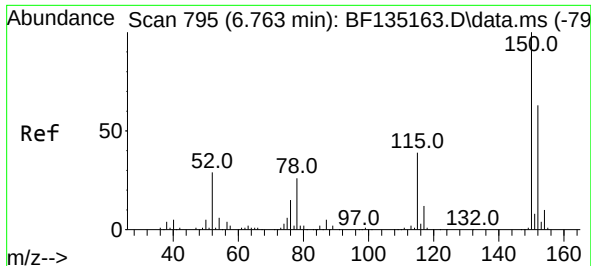
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 09/19/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	288105	63.096	ng	99
46) 1,1'-Biphenyl	9.222	154	1067858	66.476	ng	98
47) 2-Chloronaphthalene	9.245	162	797897	68.458	ng	96
48) 2-Nitroaniline	9.351	65	308489	68.129	ng	98
49) Acenaphthylene	9.663	152	1271338	65.634	ng	100
50) Dimethylphthalate	9.527	163	960023	67.929	ng	100
51) 2,6-Dinitrotoluene	9.592	165	208923	67.481	ng	99
52) Acenaphthene	9.833	154	741674	64.815	ng	97
53) 3-Nitroaniline	9.763	138	176364	48.529	ng	97
54) 2,4-Dinitrophenol	9.875	184	160141	90.246	ng	# 90
55) Dibenzofuran	10.004	168	1059843	60.696	ng	96
56) 4-Nitrophenol	9.939	139	255238	110.506	ng	95
57) 2,4-Dinitrotoluene	10.004	165	218931	56.485	ng	# 82
58) Fluorene	10.351	166	800511	59.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	214104	60.955	ng	98
60) Diethylphthalate	10.227	149	909446	64.120	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	379186	58.803	ng	98
62) 4-Nitroaniline	10.380	138	192491	55.102	ng	99
63) Azobenzene	10.504	77	875206	63.049	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	109057	64.640	ng	85
66) n-Nitrosodiphenylamine	10.463	169	740761	77.028	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236750	74.939	ng	96
68) Hexachlorobenzene	10.898	284	237912	73.919	ng	92
69) Atrazine	10.998	200	205811	79.538	ng	98
70) Pentachlorophenol	11.098	266	212045	110.116	ng	98
71) Phenanthrene	11.316	178	1044958	69.555	ng	99
72) Anthracene	11.369	178	1021389	66.142	ng	99
73) Carbazole	11.527	167	888510	63.205	ng	99
74) Di-n-butylphthalate	11.857	149	1134538	68.491	ng	99
75) Fluoranthene	12.510	202	949654	60.664	ng	97
77) Benzidine	12.633	184	466135	117.948	ng	100
78) Pyrene	12.739	202	954084	51.948	ng	99
80) Butylbenzylphthalate	13.363	149	371215	57.406	ng	97
81) Benzo(a)anthracene	13.933	228	859631	69.011	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	317033	81.482	ng	# 97
83) Chrysene	13.974	228	850363	68.663	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	446293	67.256	ng	99
85) Di-n-octyl phthalate	14.545	149	975302	92.486	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.892	276	795307	47.297	ng	99
88) Benzo(b)fluoranthene	14.986	252	1062378	76.523	ng	97
89) Benzo(k)fluoranthene	15.021	252	812741	59.263	ng	99
90) Benzo(a)pyrene	15.351	252	865574	65.378	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	653019	47.463	ng	100
92) Benzo(g,h,i)perylene	17.339	276	591228	41.146	ng	99

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



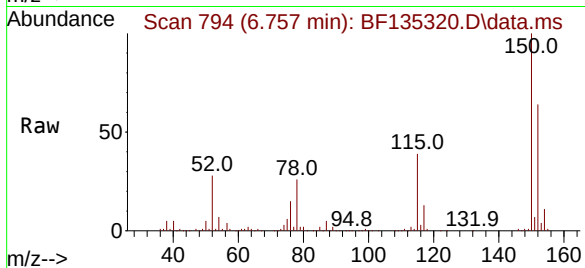
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

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72-11976MS

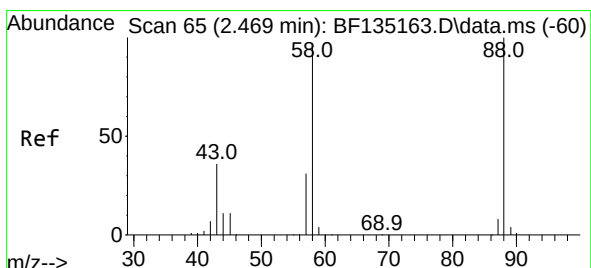
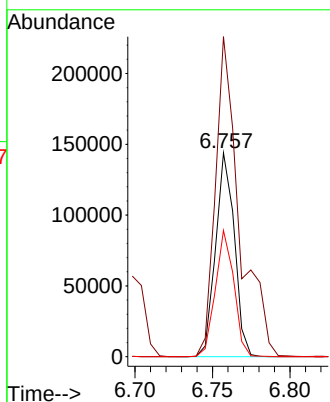
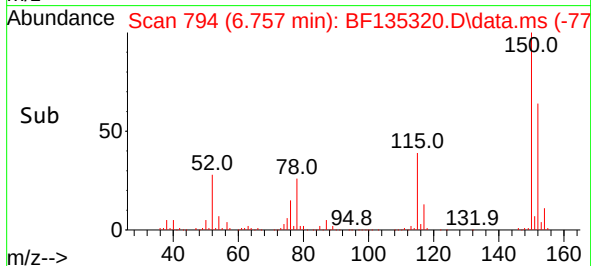


Tgt Ion:152 Resp: 121128
Ion Ratio Lower Upper
152 100
150 157.0 127.8 191.6
115 61.9 49.8 74.8

Manual Integrations

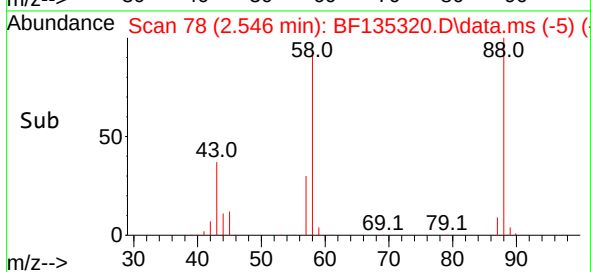
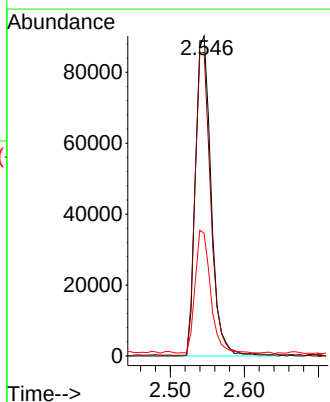
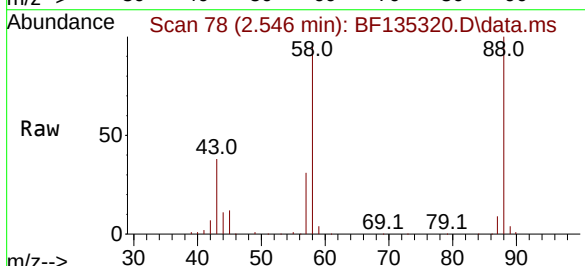
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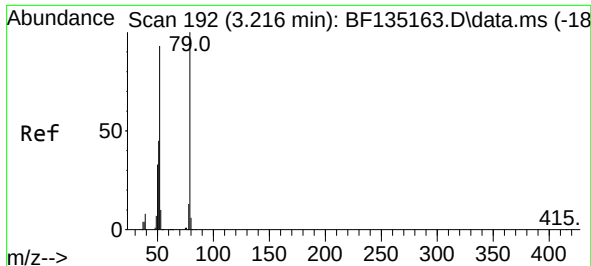
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#2
1,4-Dioxane
Concen: 40.378 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.077 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

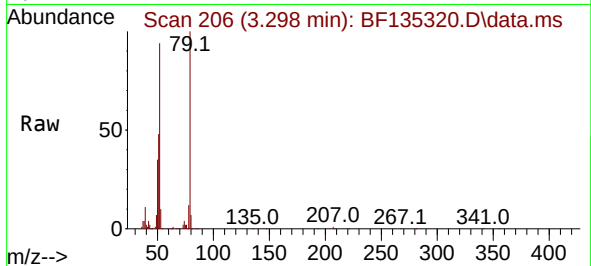
Tgt Ion: 88 Resp: 131824
Ion Ratio Lower Upper
88 100
58 94.9 78.3 117.5
43 37.7 29.4 44.0





#3
Pyridine
Concen: 45.136 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

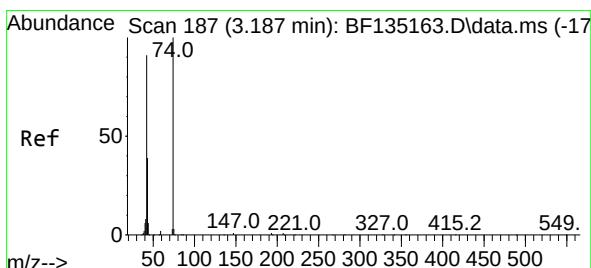
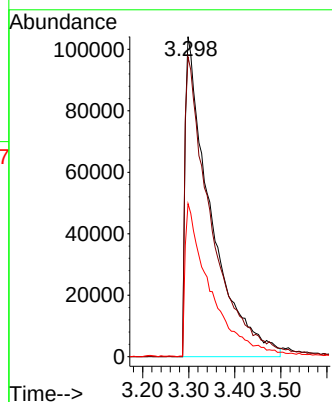
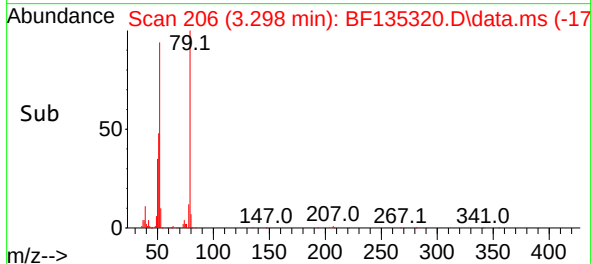
Instrument :
BNA_F
ClientSampleId :
72-11976MS



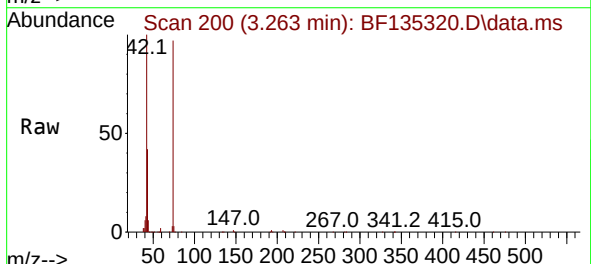
Tgt Ion: 79 Resp: 396599
Ion Ratio Lower Upper
79 100
52 93.6 74.1 111.1
51 47.8 35.8 53.8

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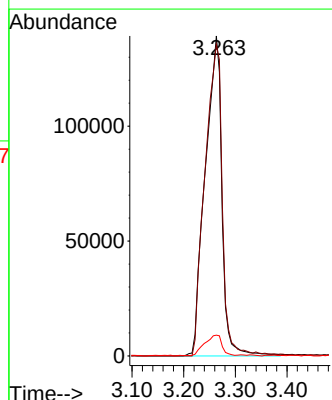
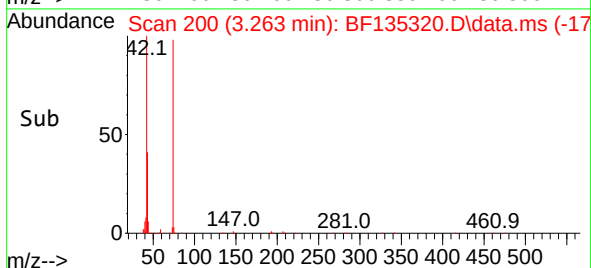
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

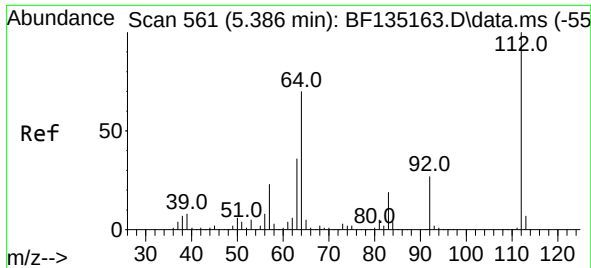


#4
n-Nitrosodimethylamine
Concen: 67.066 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion: 42 Resp: 312715
Ion Ratio Lower Upper
42 100
74 97.3 87.7 131.5
44 6.5 5.6 8.4





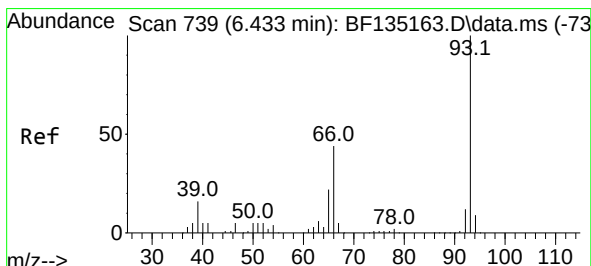
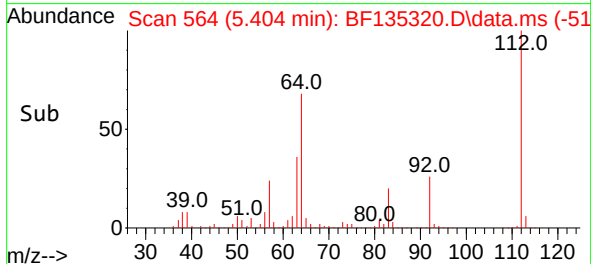
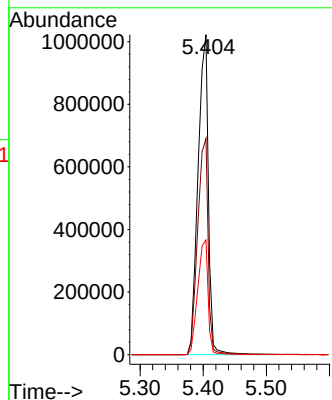
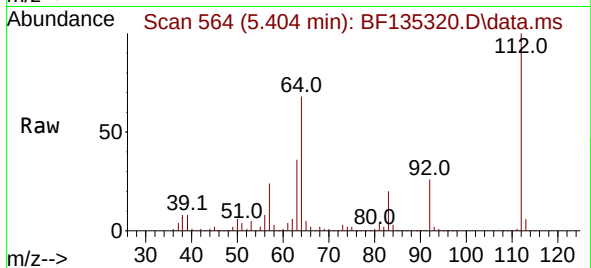
#5
2-Fluorophenol
Concen: 155.841 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :
72-11976MS

Tgt Ion:112 Resp: 116061
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.8 29.0 43.6

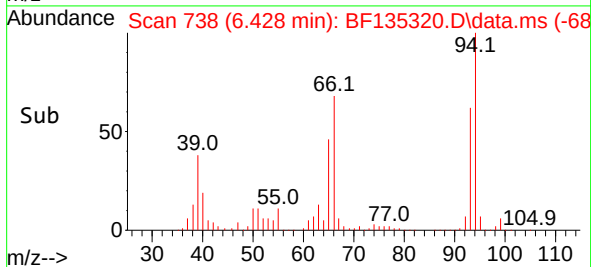
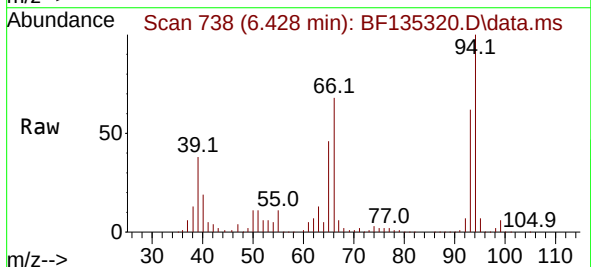
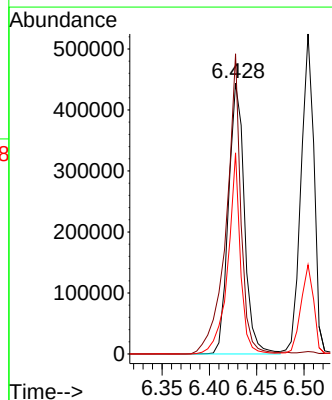
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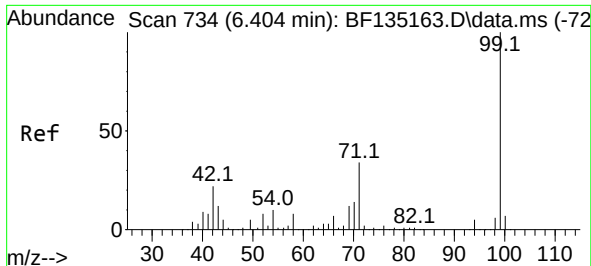
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#6
Aniline
Concen: 41.859 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 93 Resp: 519810
Ion Ratio Lower Upper
93 100
66 110.9 35.4 53.0#
65 74.3 17.8 26.8#





#7

Phenol-d6

Concen: 154.345 ng

RT: 6.416 min Scan# 734

Delta R.T. 0.012 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion: 99 Resp: 146161

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

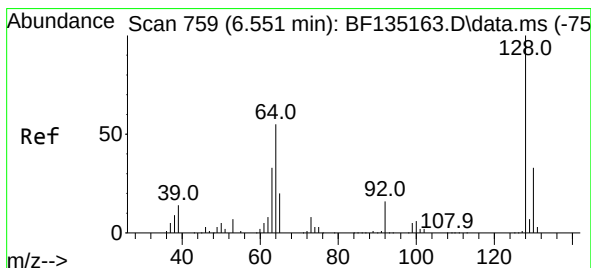
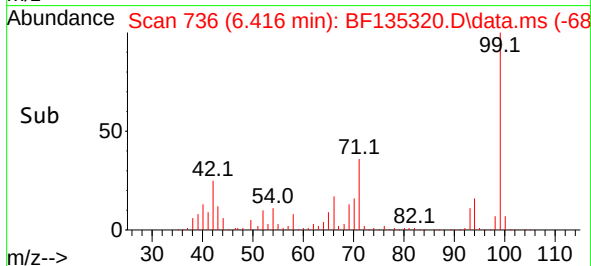
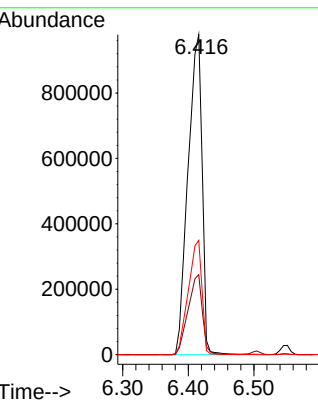
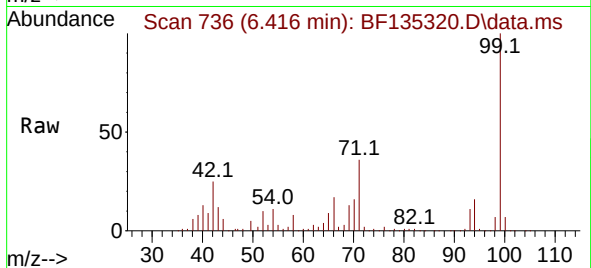
71 35.7 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#8

2-Chlorophenol

Concen: 66.060 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

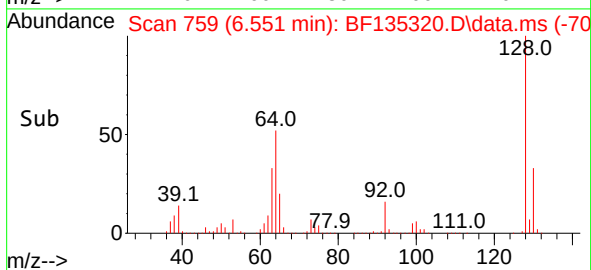
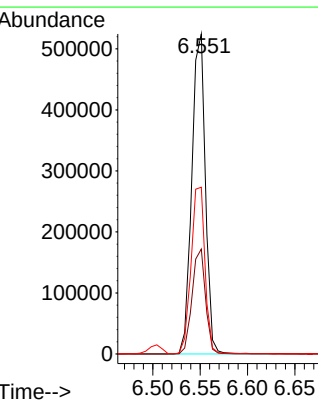
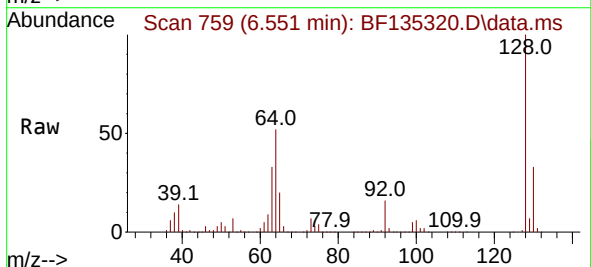
Tgt Ion:128 Resp: 525185

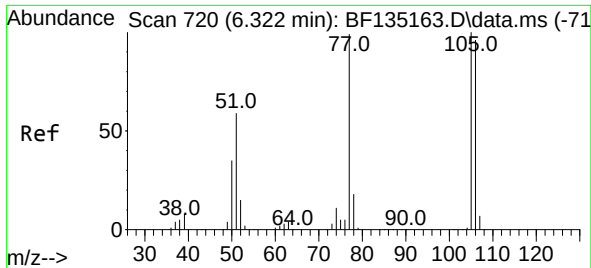
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

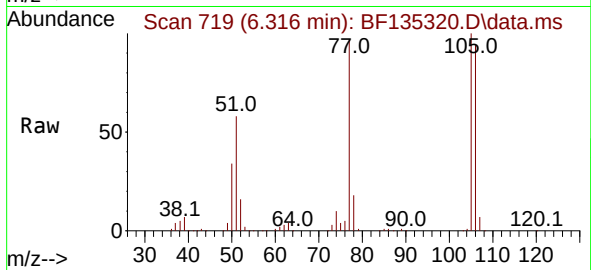
64 52.1 35.9 75.9





#9
Benzaldehyde
Concen: 26.482 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

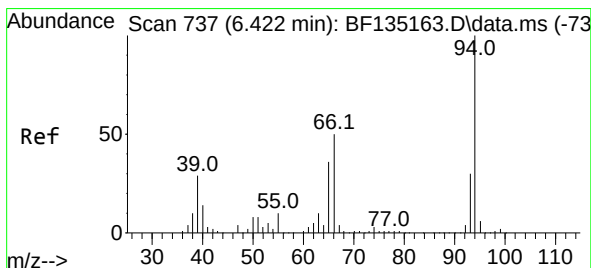
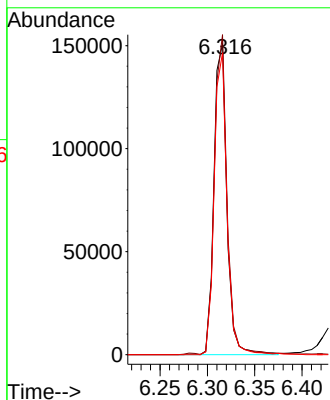
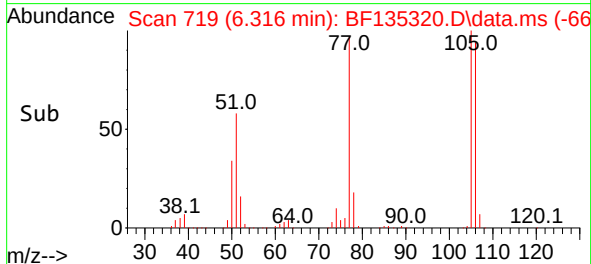
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion: 77 Resp: 142862
Ion Ratio Lower Upper
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105 103.0 81.4 121.4
106 97.2 76.9 116.9

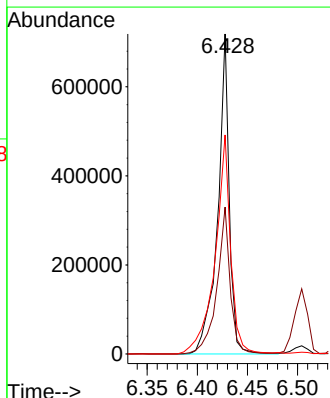
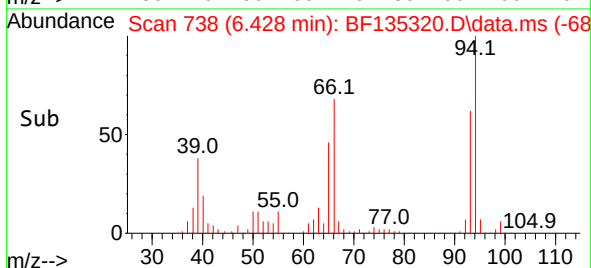
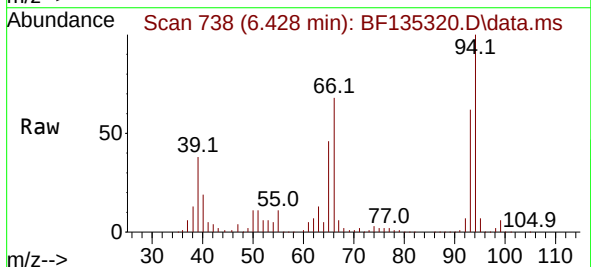
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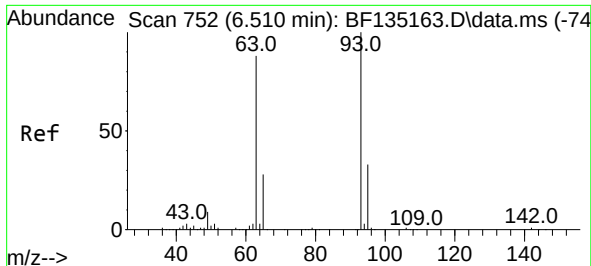
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#10
Phenol
Concen: 55.644 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 94 Resp: 577806
Ion Ratio Lower Upper
94 100
65 45.9 15.9 55.9
66 68.5 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 63.306 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

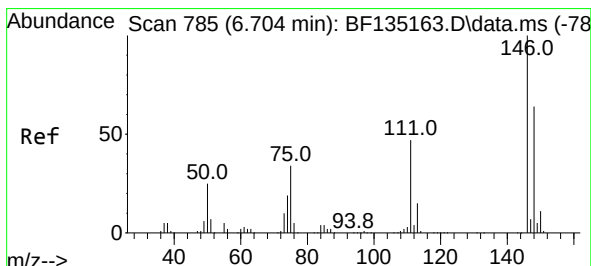
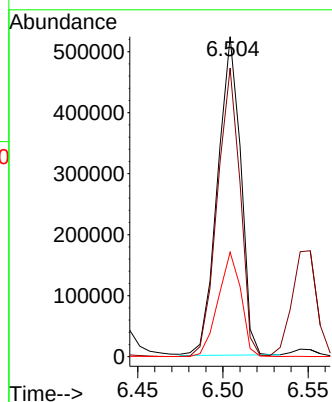
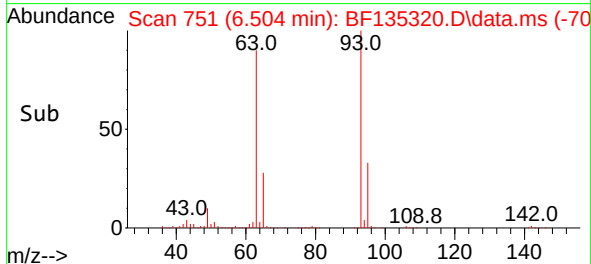
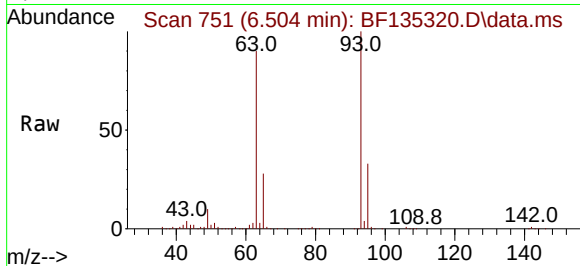
ClientSampleId :

72-11976MS

Tgt Ion: 93 Resp: 493100
Ion Ratio Lower Upper
93 100
63 90.1 67.3 107.3
95 32.7 12.7 52.7

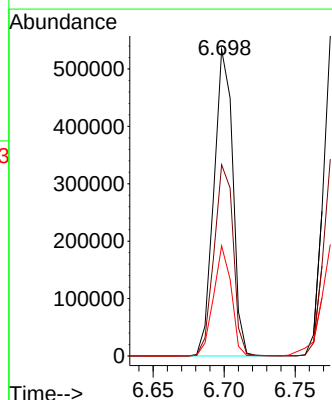
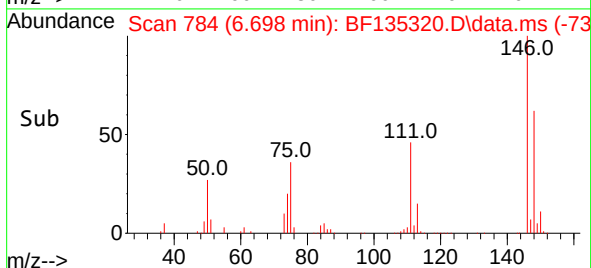
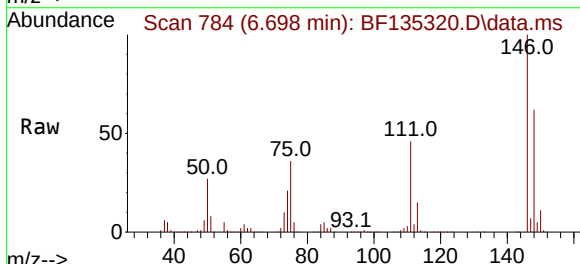
Manual Integrations
APPROVED

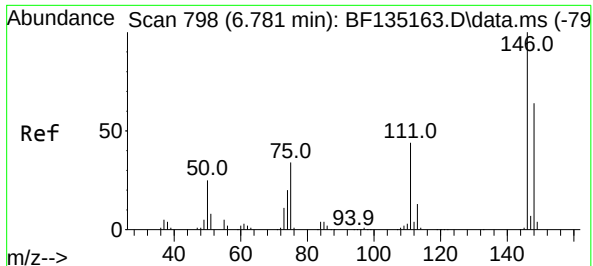
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#12
1,3-Dichlorobenzene
Concen: 61.015 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:146 Resp: 492983
Ion Ratio Lower Upper
146 100
148 62.4 51.3 76.9
75 35.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 61.217 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:146 Resp: 50322

Ion Ratio Lower Upper

146 100

148 61.5 51.3 76.9

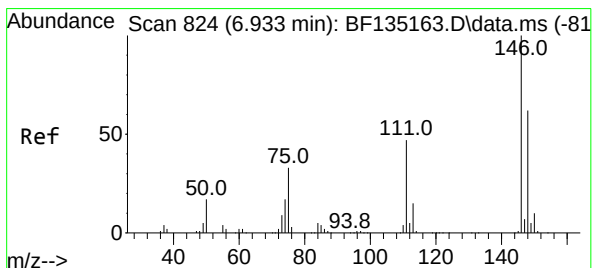
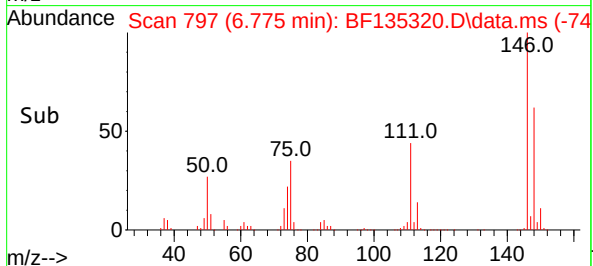
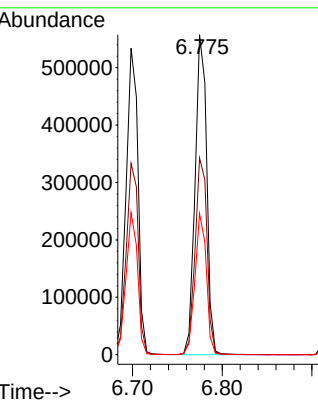
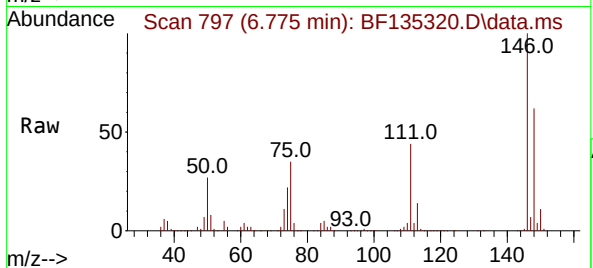
111 44.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#14

1,2-Dichlorobenzene

Concen: 61.507 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

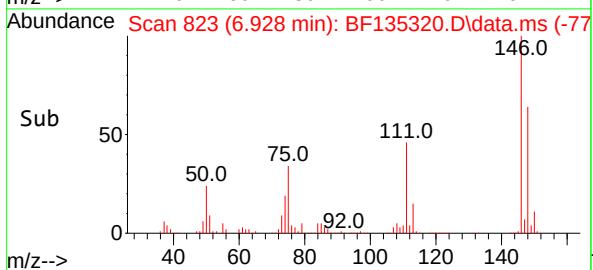
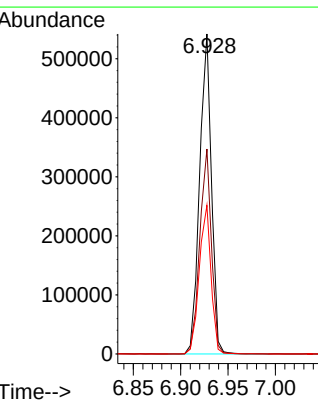
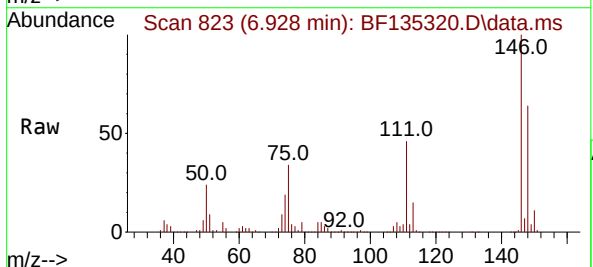
Tgt Ion:146 Resp: 469535

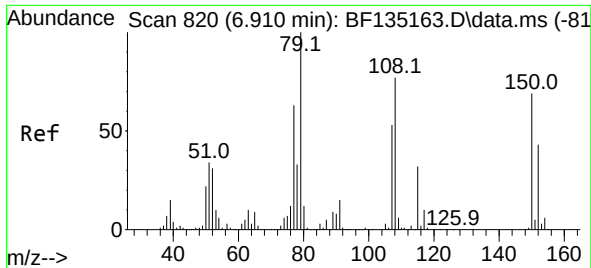
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

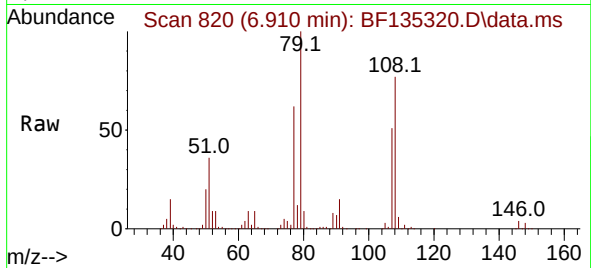
111 46.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 65.721 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

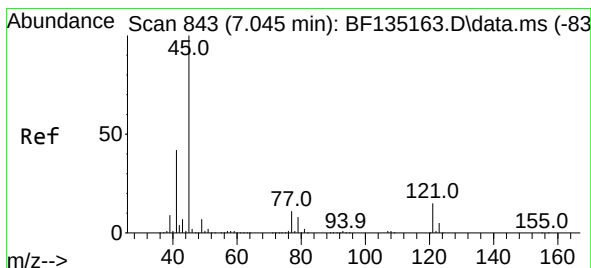
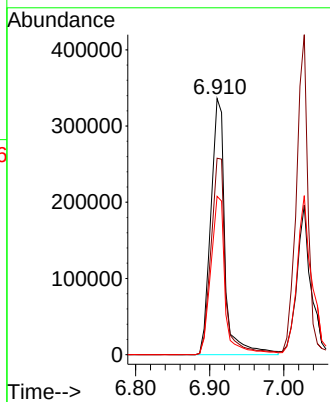
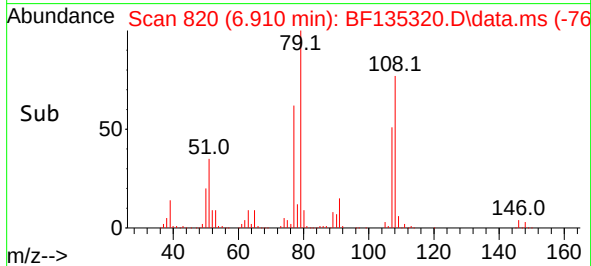
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion: 79 Resp: 446604
Ion Ratio Lower Upper
79 100
108 76.7 61.2 91.8
77 61.8 50.5 75.7

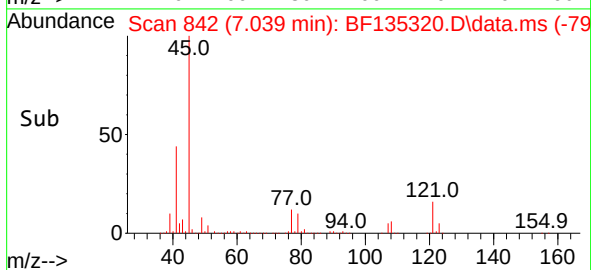
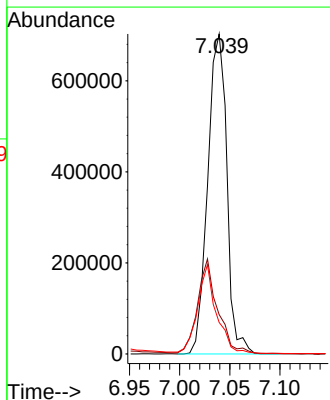
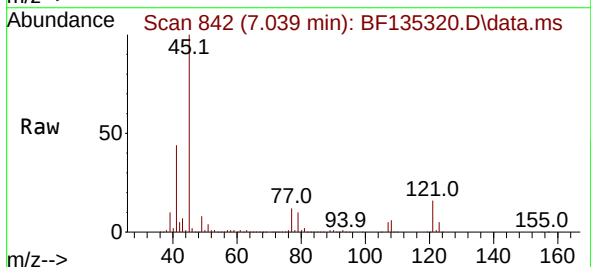
Manual Integrations
APPROVED

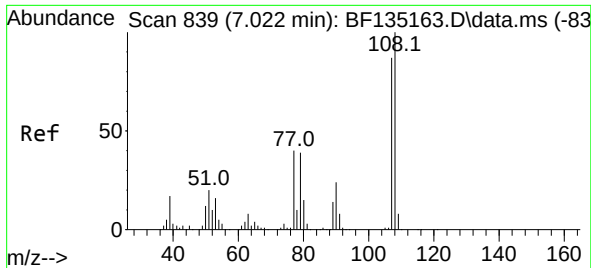
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.451 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

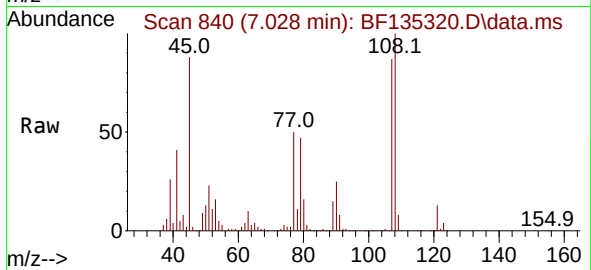
Tgt Ion: 45 Resp: 931586
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.6
79 9.8 0.0 28.3





#17
2-Methylphenol
Concen: 57.580 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

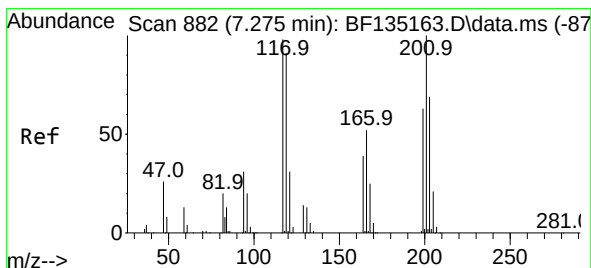
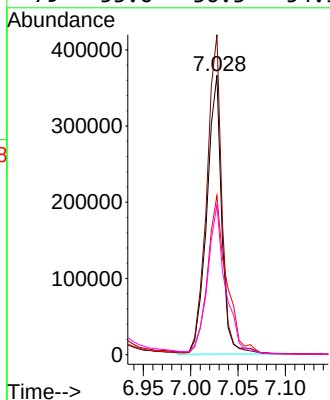
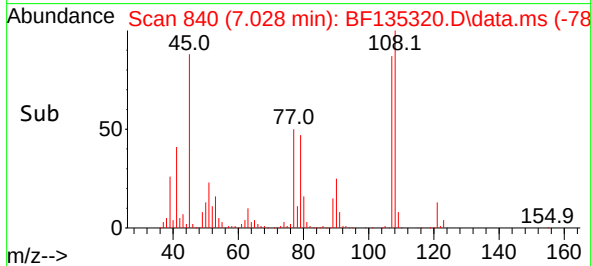
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion:107 Resp: 40396
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 56.9 36.7 55.1
79 53.6 36.3 54.5

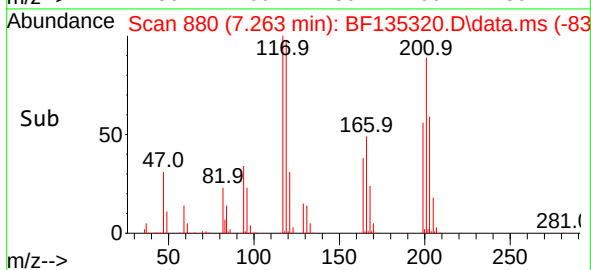
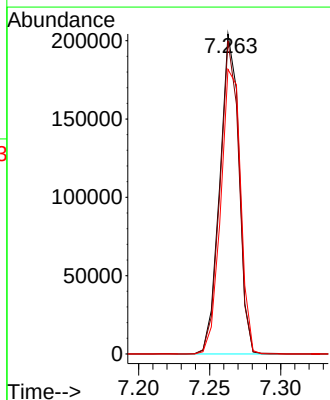
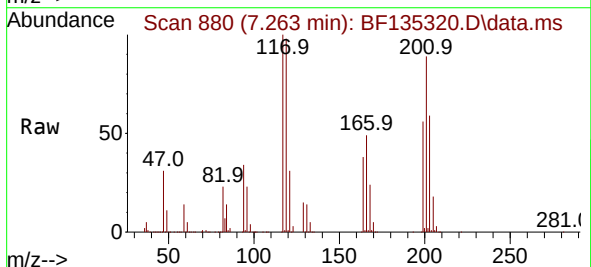
Manual Integrations
APPROVED

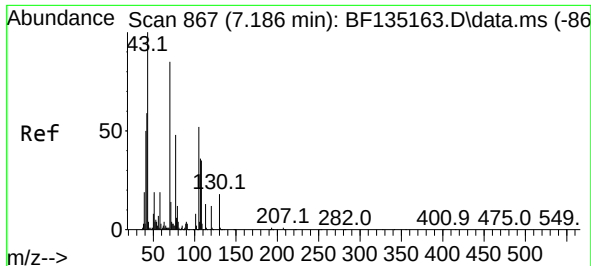
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#18
Hexachloroethane
Concen: 63.242 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

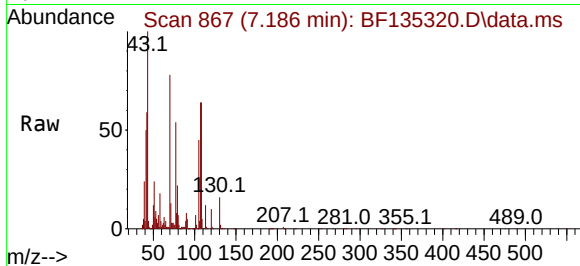
Tgt Ion:117 Resp: 192085
Ion Ratio Lower Upper
117 100
119 97.9 74.7 112.1
201 89.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 57.541 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

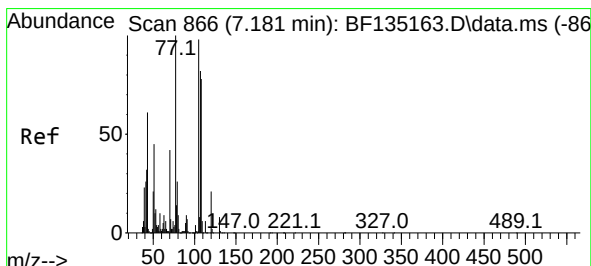
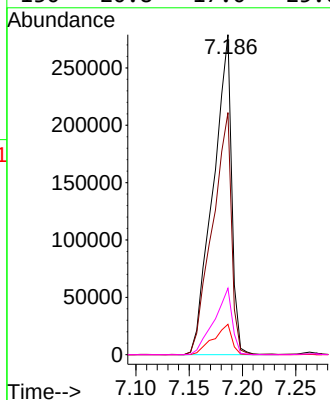
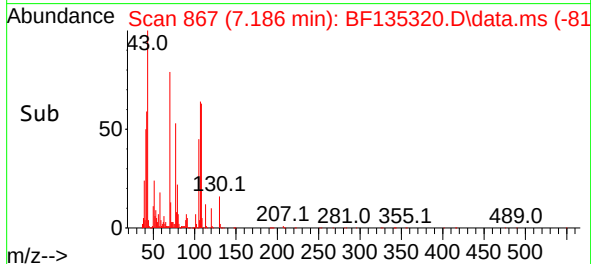
Instrument :
BNA_F
ClientSampleId :
72-11976MS



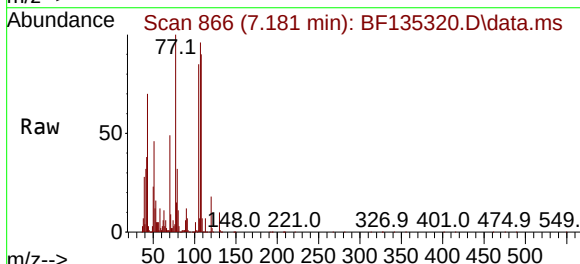
Tgt Ion: 70 Resp: 337510
Ion Ratio Lower Upper
70 100
42 75.7 55.4 83.0
101 9.5 7.7 11.5
130 20.8 17.0 25.6

Manual Integrations
APPROVED

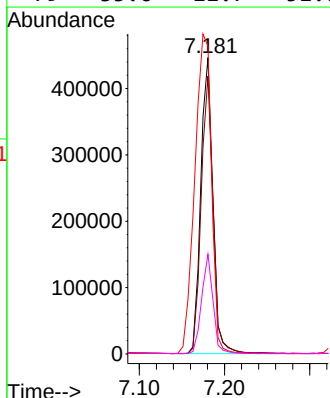
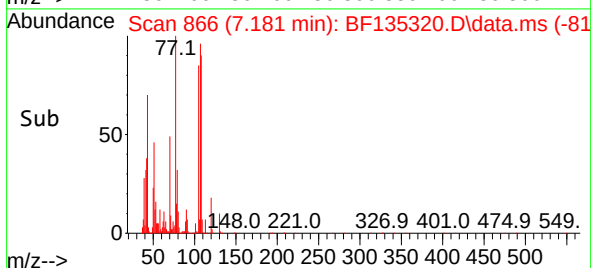
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

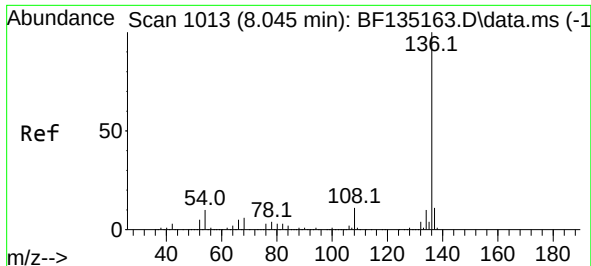


#20
3+4-Methylphenols
Concen: 52.477 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:107 Resp: 442700
Ion Ratio Lower Upper
107 100
108 93.7 74.7 114.7
77 103.9 102.0 142.0
79 33.6 11.7 51.7





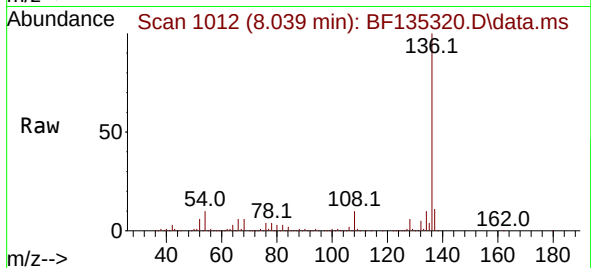
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

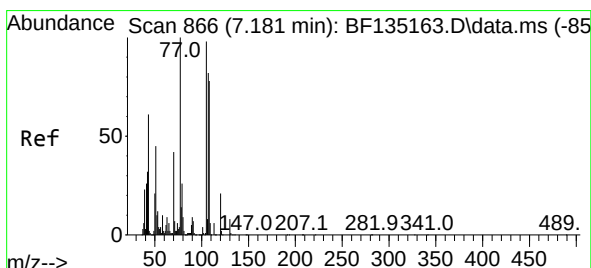
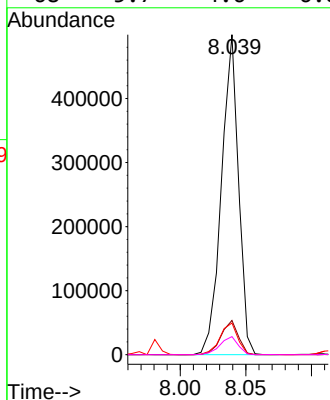
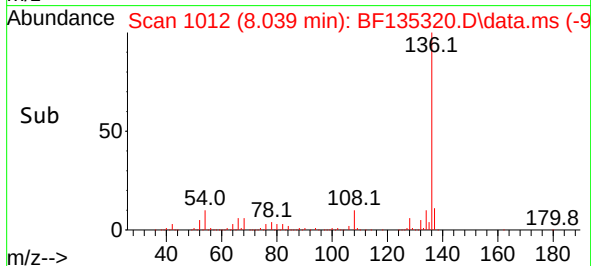


Tgt Ion:136 Resp: 45148
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.9 7.7 11.5
68 5.7 4.6 6.8

Manual Integrations

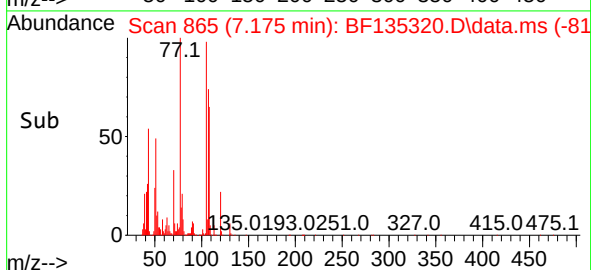
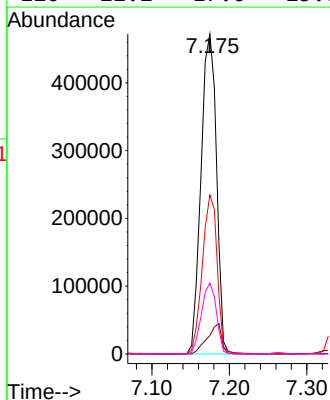
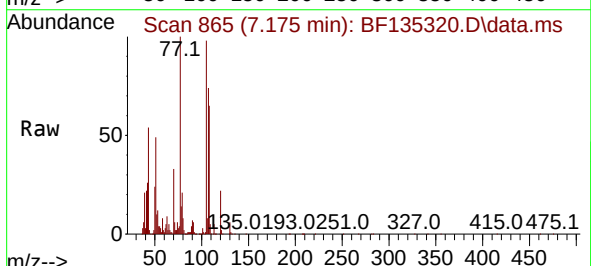
APPROVED

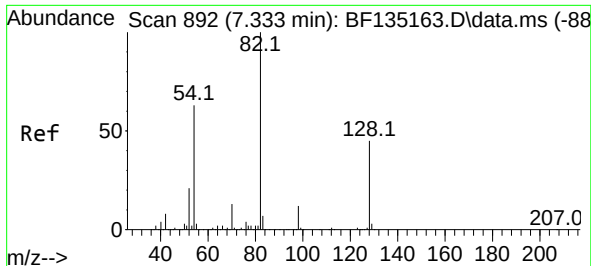
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#22
Acetophenone
Concen: 63.365 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:105 Resp: 654057
Ion Ratio Lower Upper
105 100
71 5.8 5.8 8.6#
51 49.7 37.0 55.4
120 22.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 115.371 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

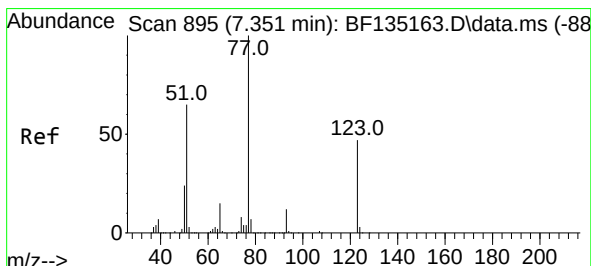
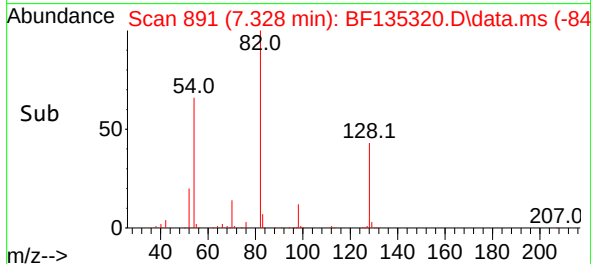
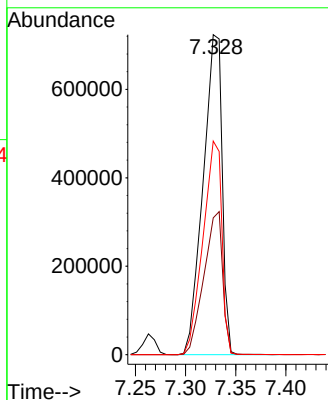
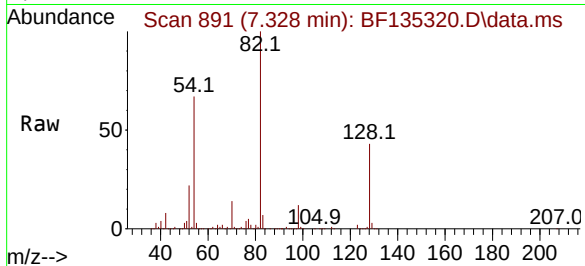
ClientSampleId :

72-11976MS

Tgt Ion: 82 Resp: 95874
Ion Ratio Lower Upper
82 100
128 42.7 35.8 53.6
54 66.7 50.6 76.0

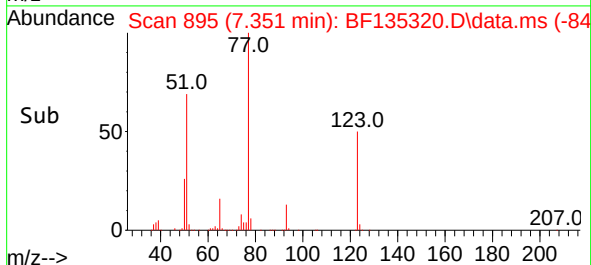
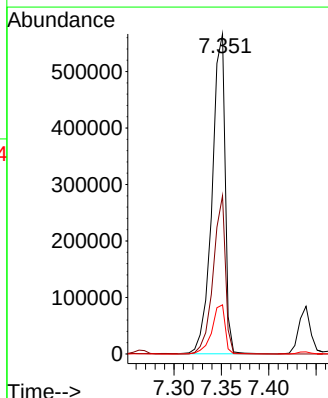
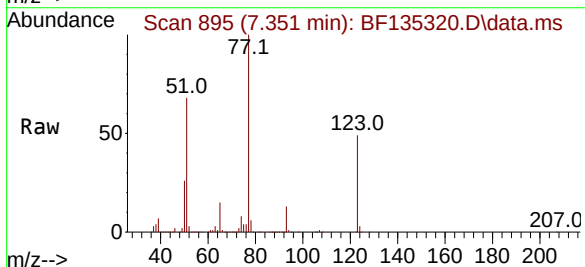
Manual Integrations
APPROVED

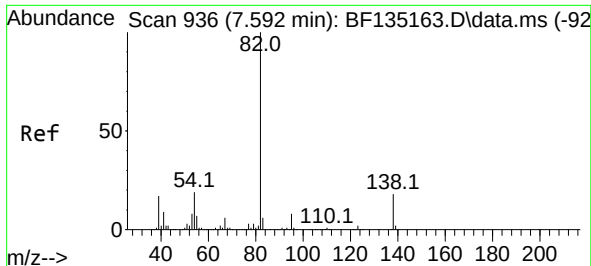
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#24
Nitrobenzene
Concen: 65.968 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion: 77 Resp: 541837
Ion Ratio Lower Upper
77 100
123 49.5 37.6 56.4
65 15.3 12.2 18.4





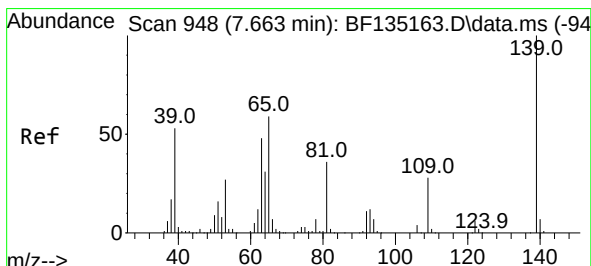
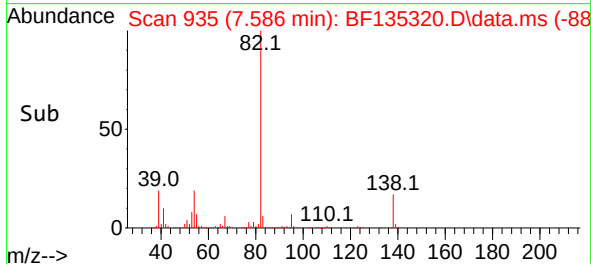
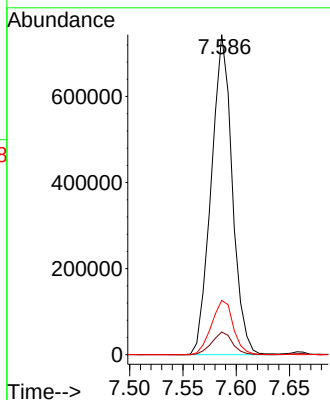
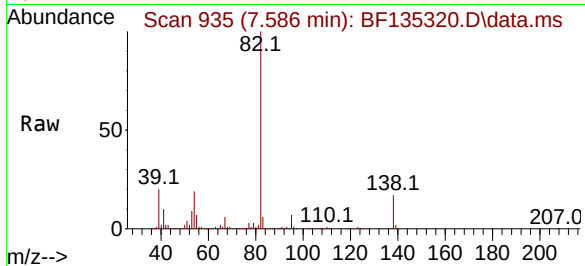
#25
Isophorone
Concen: 66.864 ng
RT: 7.586 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :
72-11976MS

Tgt Ion: 82 Resp: 102031
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.0 14.5 21.7

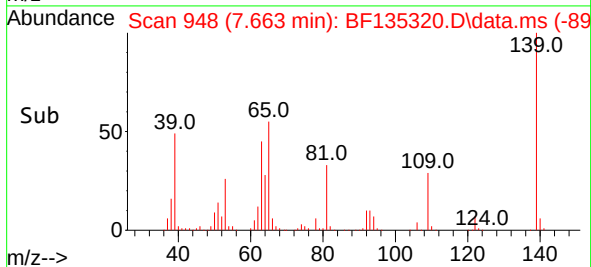
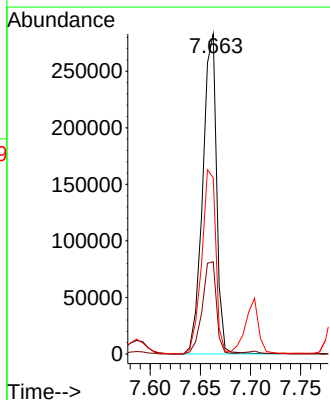
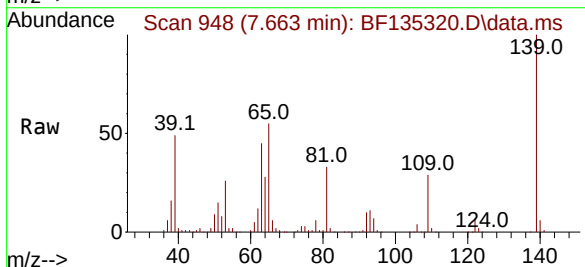
Manual Integrations
APPROVED

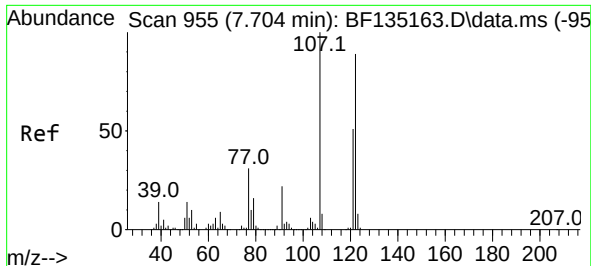
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#26
2-Nitrophenol
Concen: 69.542 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:139 Resp: 274143
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 55.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 60.040 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135320.D

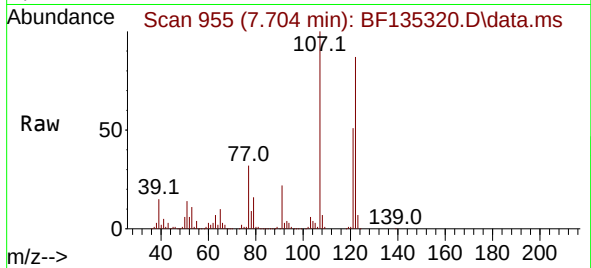
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



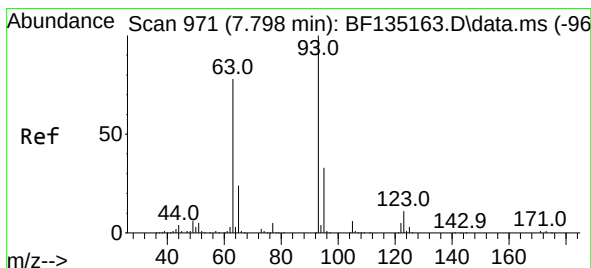
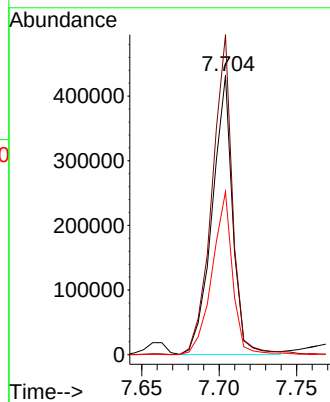
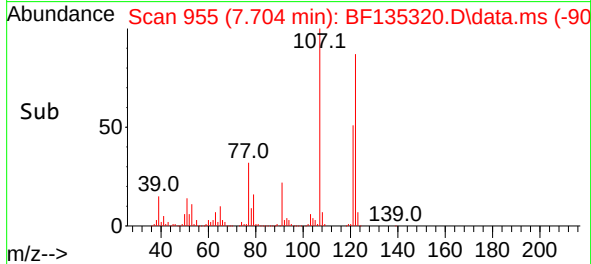
Tgt Ion:	122	Resp:	397840
Ion	Ratio	Lower	Upper
122	100		
107	114.6	90.2	135.4
121	58.3	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 67.043 ng

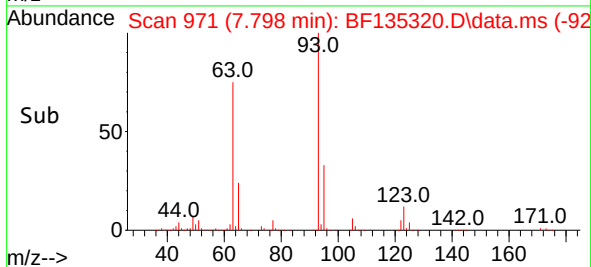
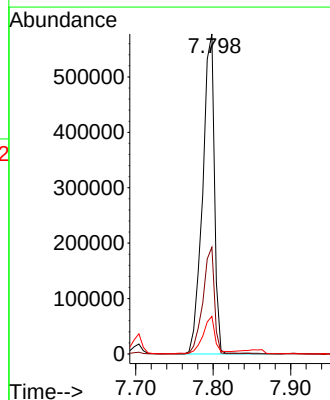
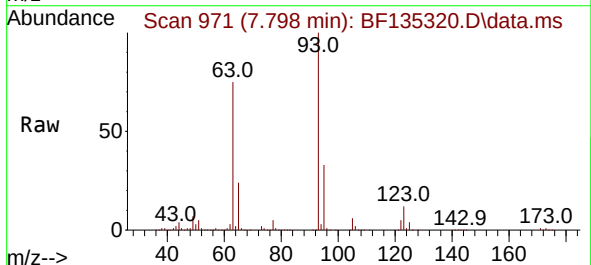
RT: 7.798 min Scan# 971

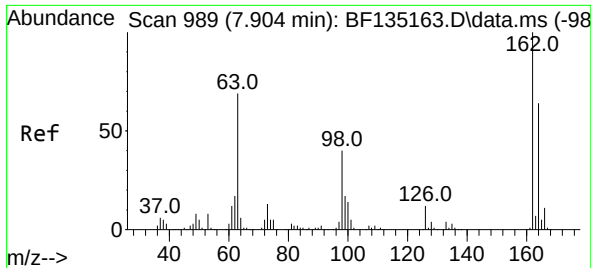
Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:	93	Resp:	612324
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.2
123	11.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 66.473 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135320.D

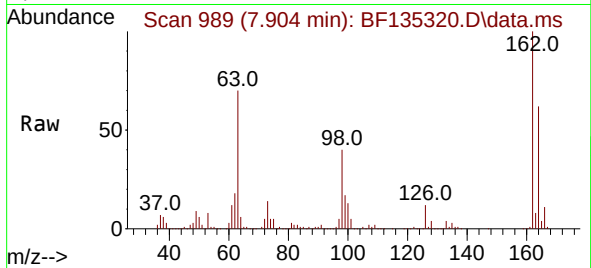
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



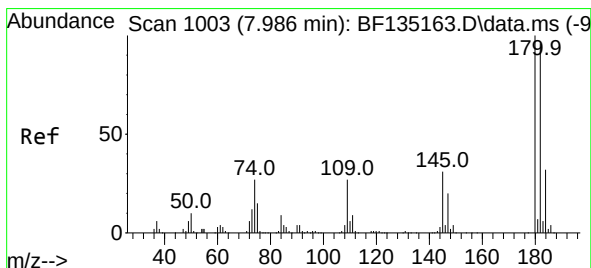
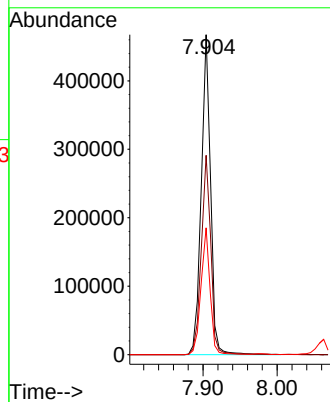
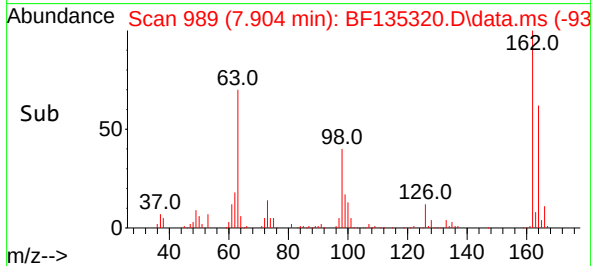
Tgt Ion:	162	Resp:	40814
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.1	84.1
98	39.7	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 66.157 ng

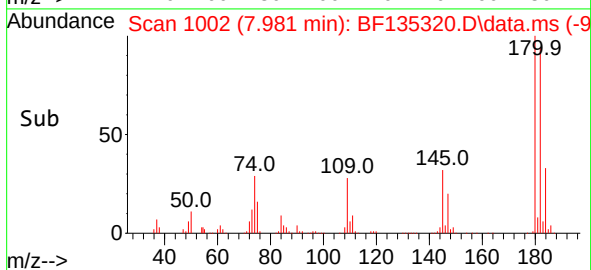
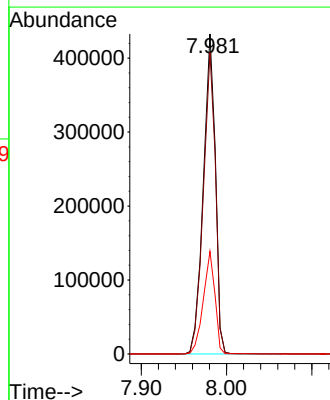
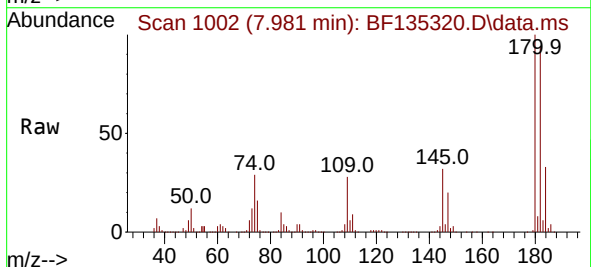
RT: 7.981 min Scan# 1002

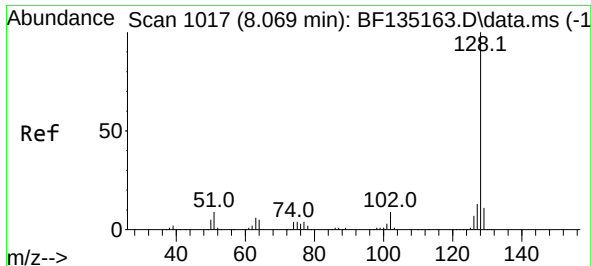
Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

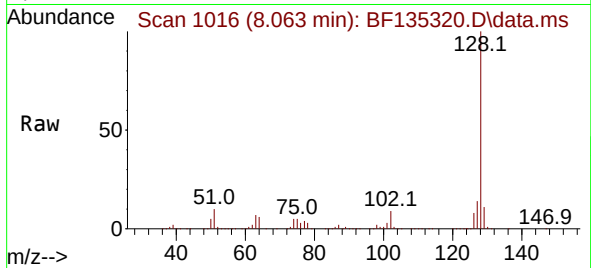
Tgt Ion:	180	Resp:	424574
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.9	115.3
145	32.1	24.5	36.7





#31
Naphthalene
Concen: 63.162 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

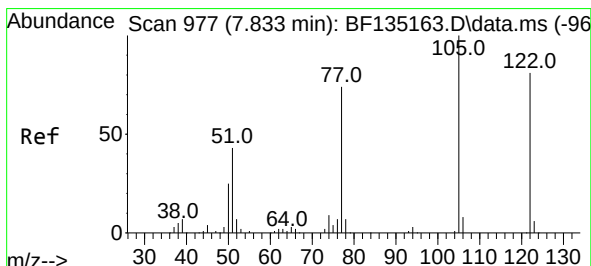
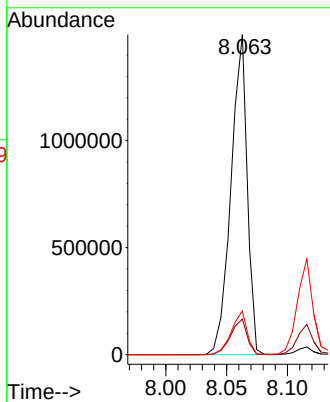
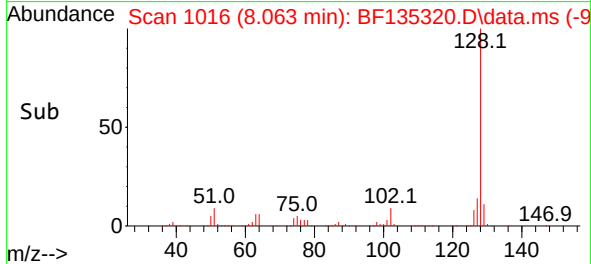
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion:128 Resp: 138552
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.6 10.7 16.1

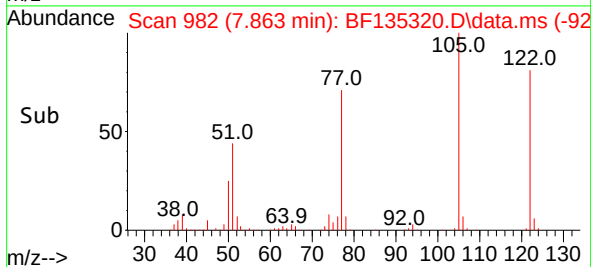
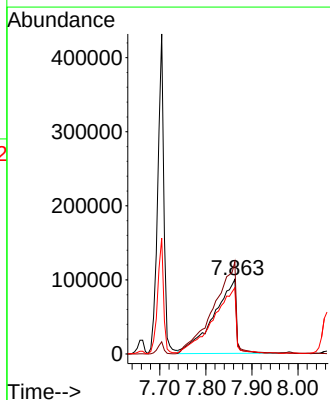
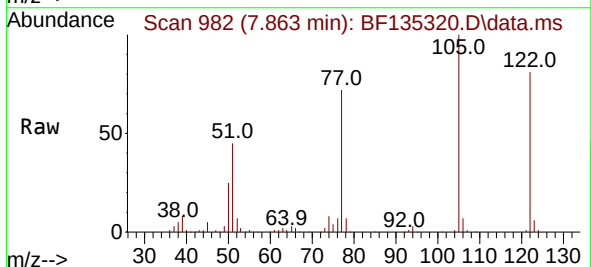
Manual Integrations
APPROVED

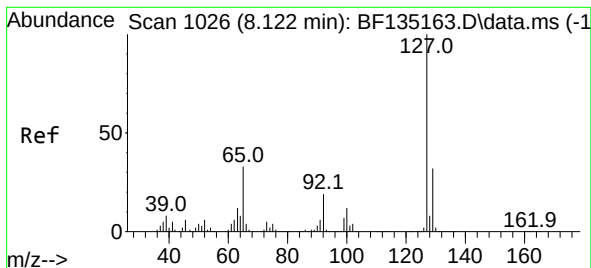
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#32
Benzoic acid
Concen: 68.185 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.029 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:122 Resp: 340215
Ion Ratio Lower Upper
122 100
105 123.6 99.9 139.9
77 88.9 70.0 110.0





#33

4-Chloroaniline

Concen: 43.437 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

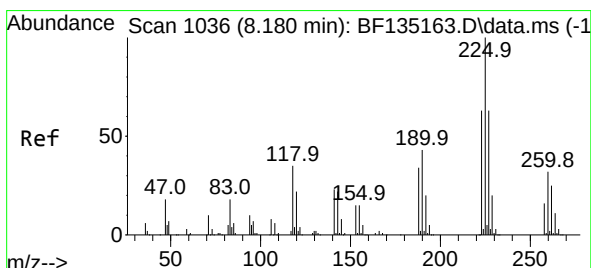
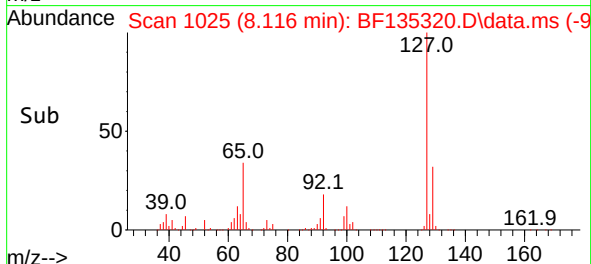
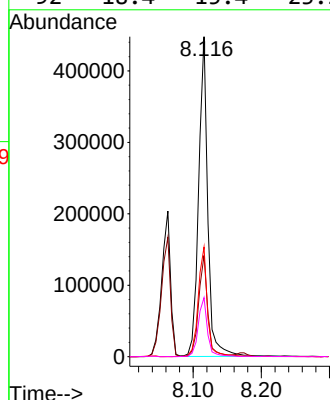
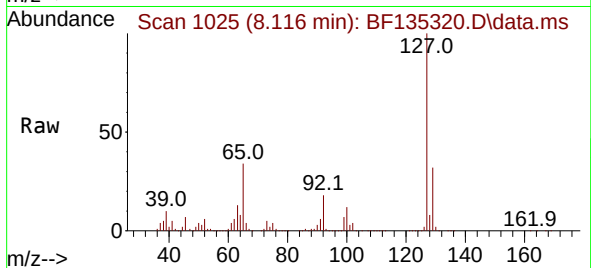
Tgt Ion:	127	Resp:	41804
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.8	38.8
65	34.2	26.6	39.8
92	18.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#34

Hexachlorobutadiene

Concen: 64.451 ng

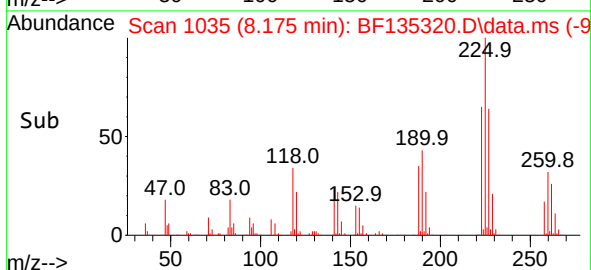
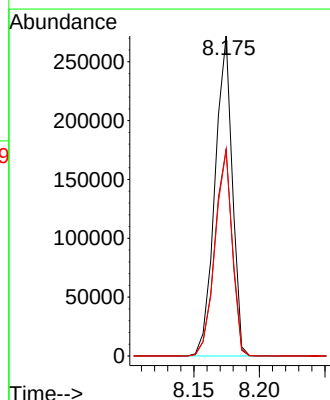
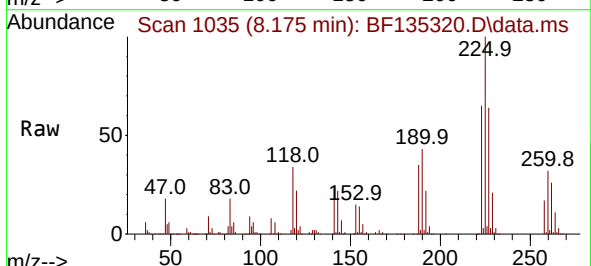
RT: 8.175 min Scan# 1035

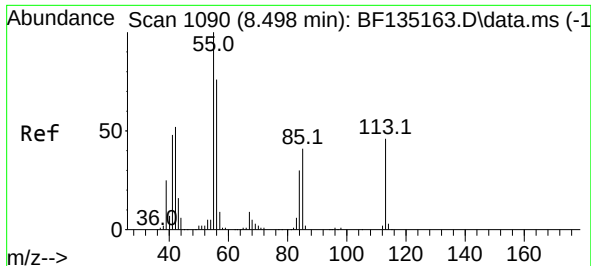
Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

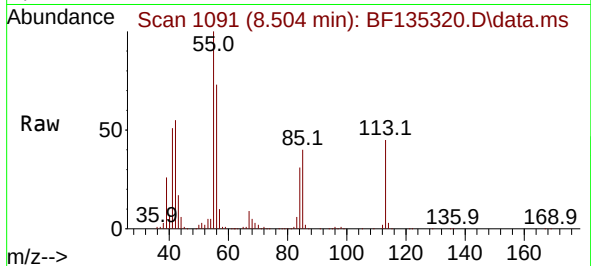
Tgt Ion:	225	Resp:	249408
Ion Ratio	Lower	Upper	
225	100		
223	64.6	50.6	75.8
227	64.3	50.8	76.2





#35
 Caprolactam
 Concen: 67.271 ng m
 RT: 8.504 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

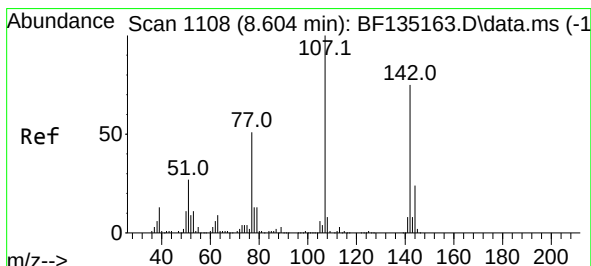
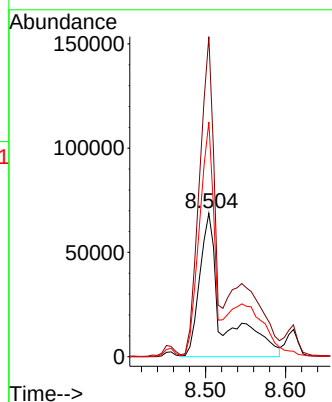
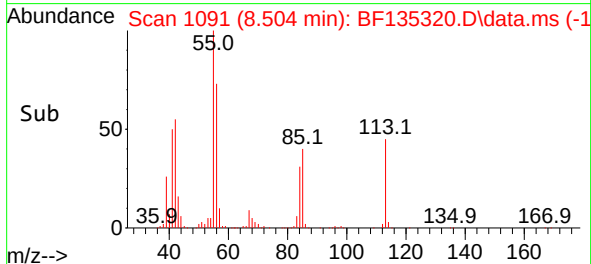
Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS



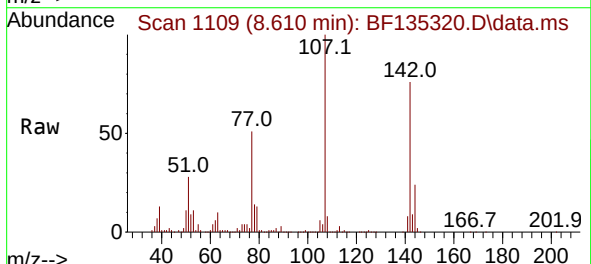
Tgt Ion:113 Resp: 13862
 Ion Ratio Lower Upper
 113 100
 55 223.2 199.3 239.3
 56 163.7 146.3 186.3

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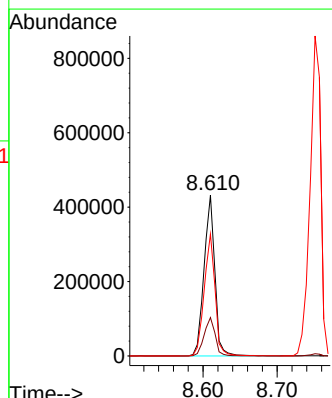
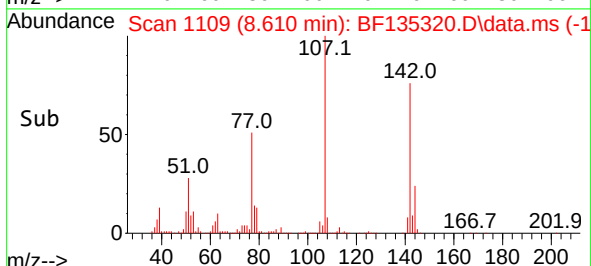
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

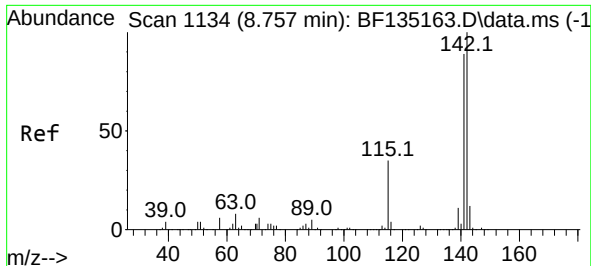


#36
 4-Chloro-3-methylphenol
 Concen: 64.322 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22



Tgt Ion:107 Resp: 438938
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.0 28.4
 142 75.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 58.840 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:142 Resp: 86761

Ion Ratio Lower Upper

142 100

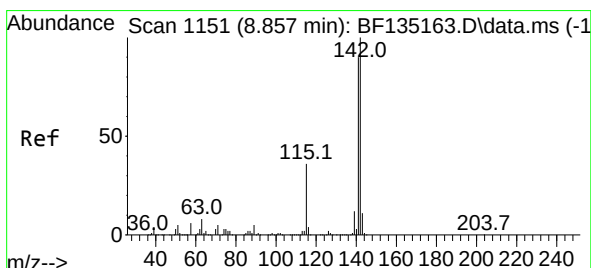
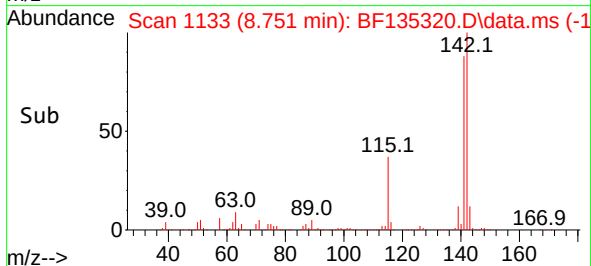
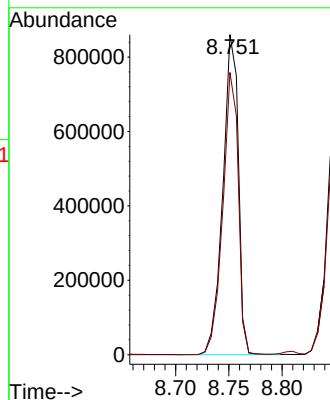
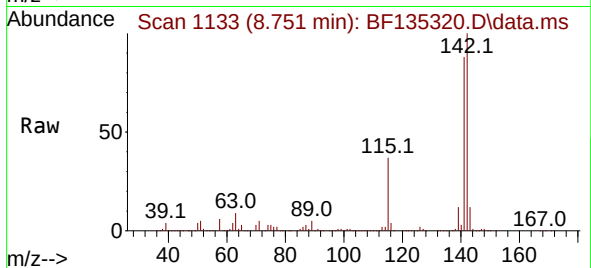
141 88.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#38

1-Methylnaphthalene

Concen: 60.470 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135320.D

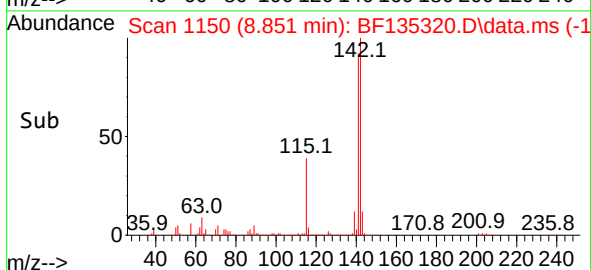
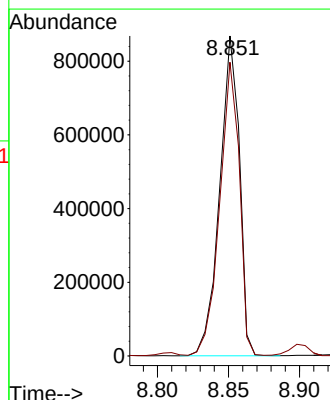
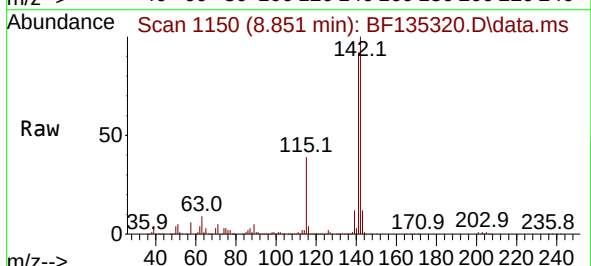
Acq: 18 Sep 2023 22:22

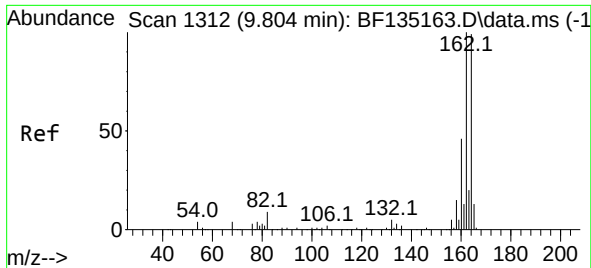
Tgt Ion:142 Resp: 834794

Ion Ratio Lower Upper

142 100

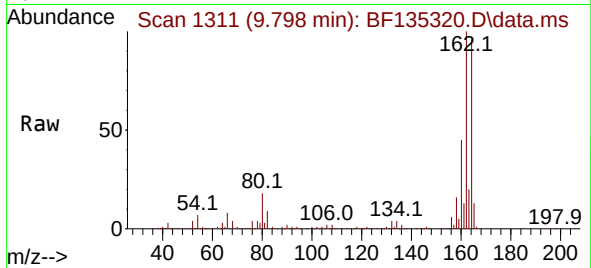
141 91.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

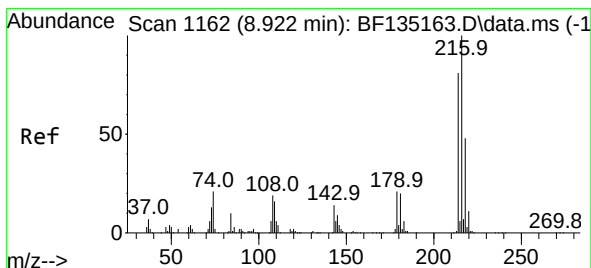
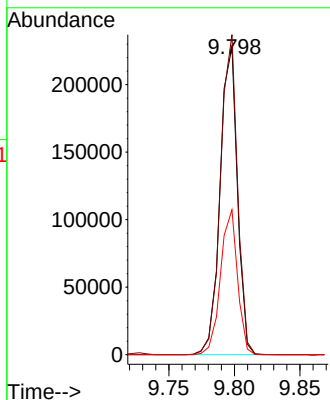
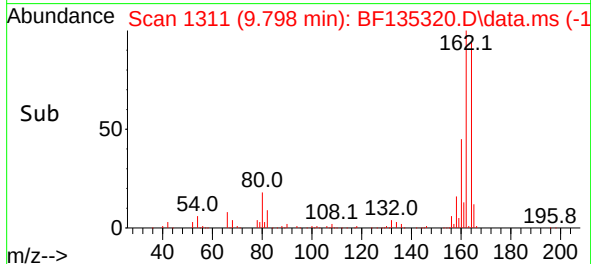
Instrument :
BNA_F
ClientSampleId :
72-11976MS



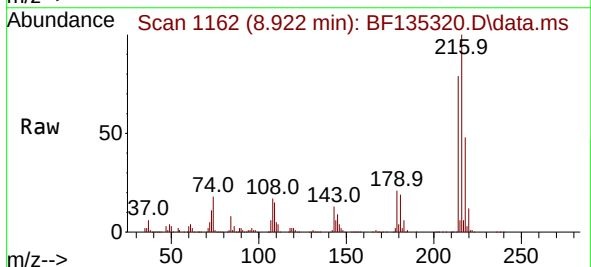
Tgt Ion:164 Resp: 20903
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.4
160 47.1 37.0 55.4

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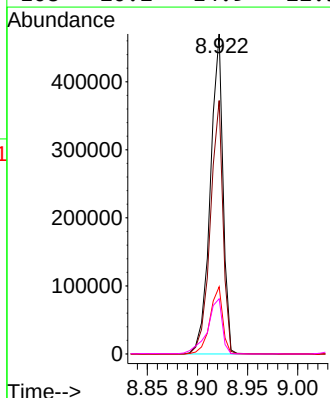
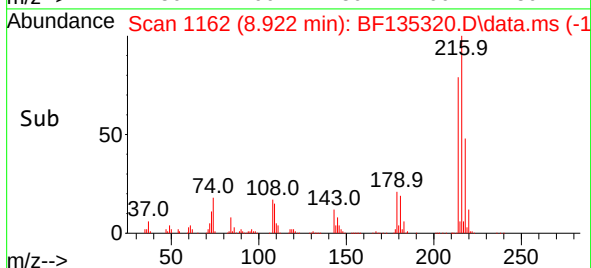
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

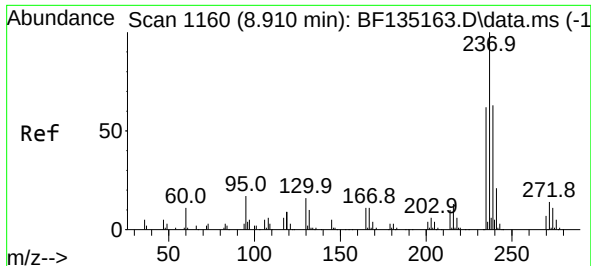


#40
1,2,4,5-Tetrachlorobenzene
Concen: 68.191 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:216 Resp: 412956
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 21.0 16.7 25.1
108 20.2 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 90.252 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

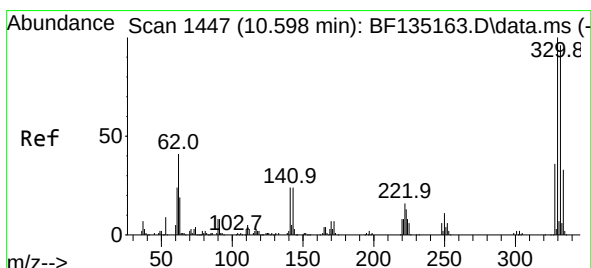
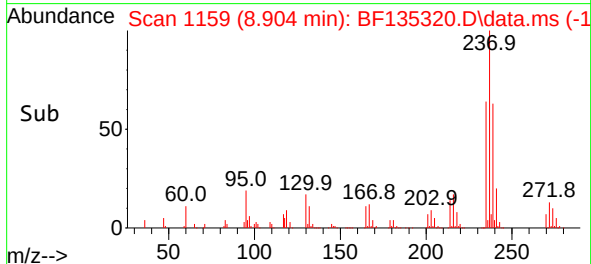
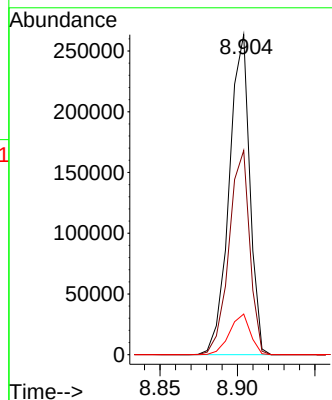
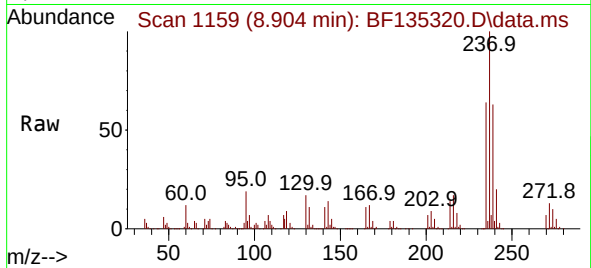
ClientSampleId :

72-11976MS

Tgt Ion:237 Resp: 243608
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 12.7 0.0 33.6

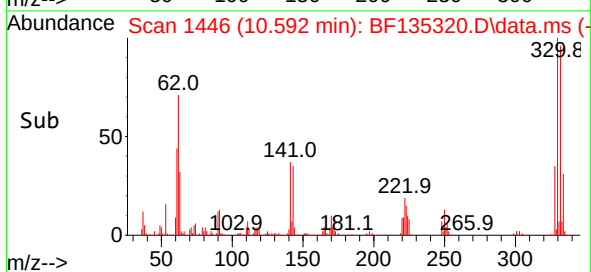
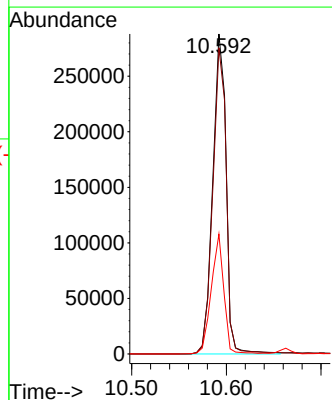
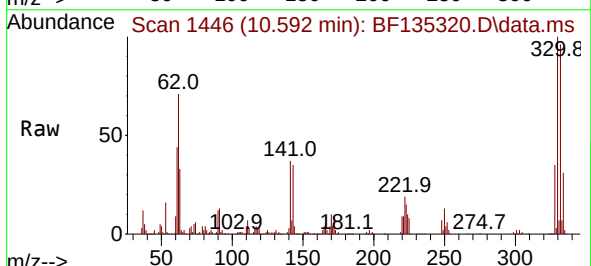
Manual Integrations
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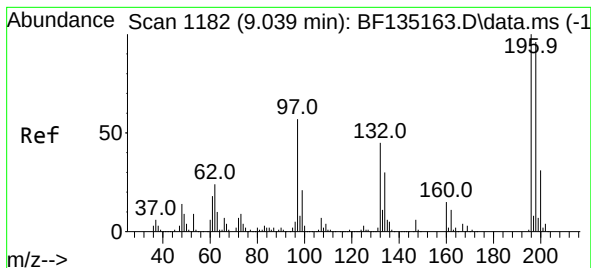
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#42
2,4,6-Tribromophenol
Concen: 135.428 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:330 Resp: 281323
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 69.814 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135320.D

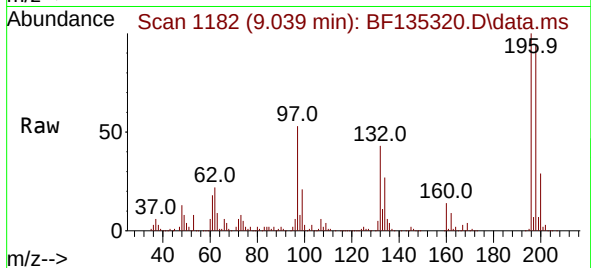
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



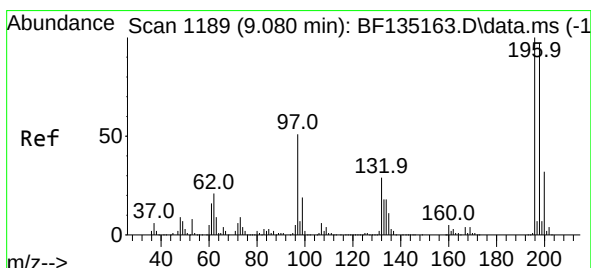
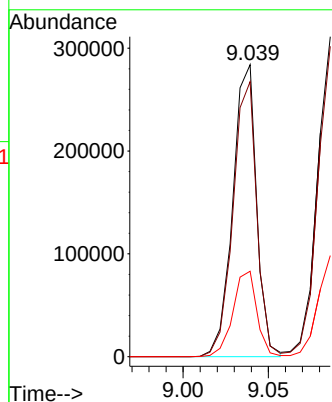
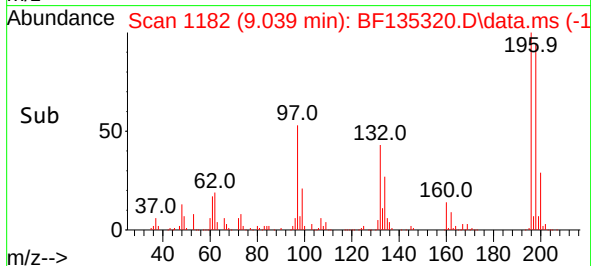
Tgt Ion:	196	Resp:	27681
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.0	115.6
200	29.3	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#44

2,4,5-Trichlorophenol

Concen: 63.096 ng

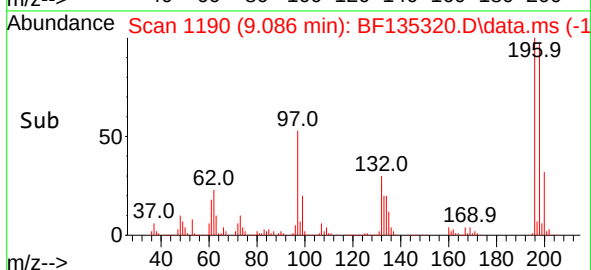
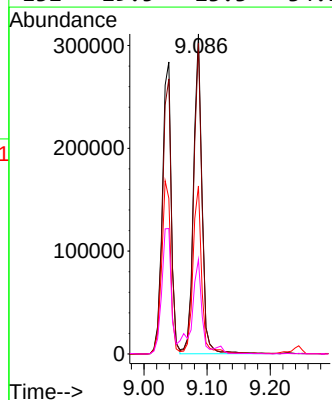
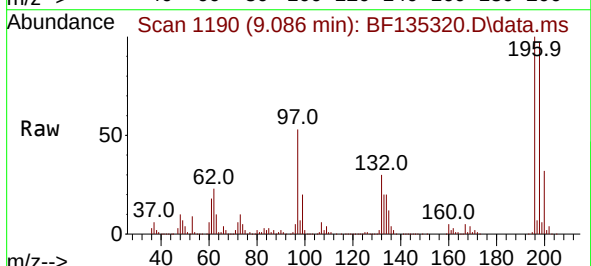
RT: 9.086 min Scan# 1190

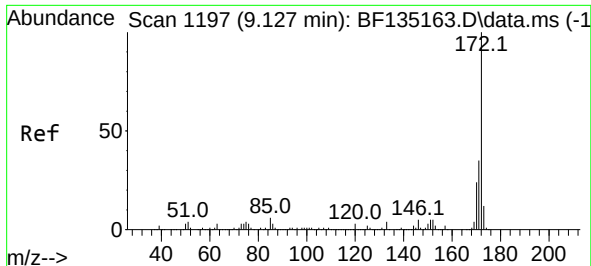
Delta R.T. 0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:	196	Resp:	288105
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.5	116.3
97	52.5	40.5	60.7
132	29.5	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 110.600 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:172 Resp: 153236

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

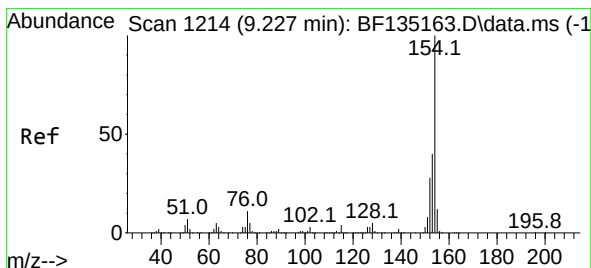
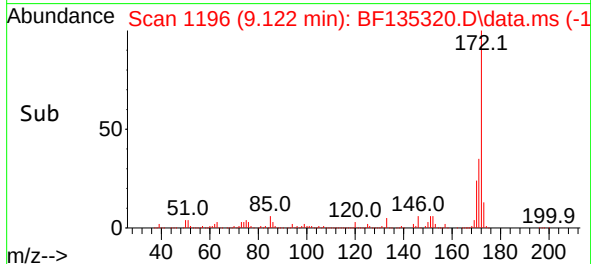
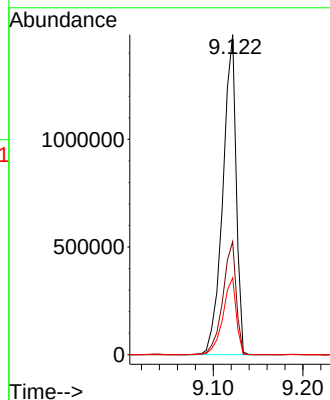
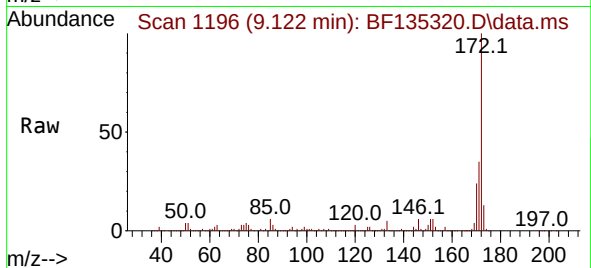
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#46

1,1'-Biphenyl

Concen: 66.476 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

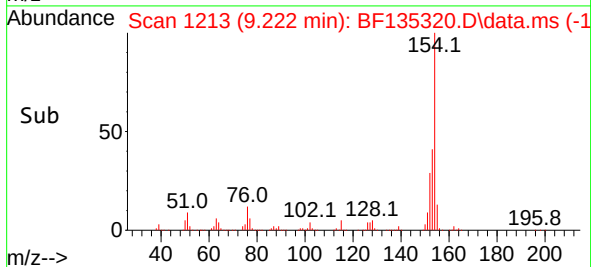
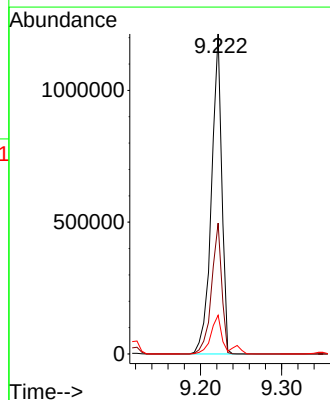
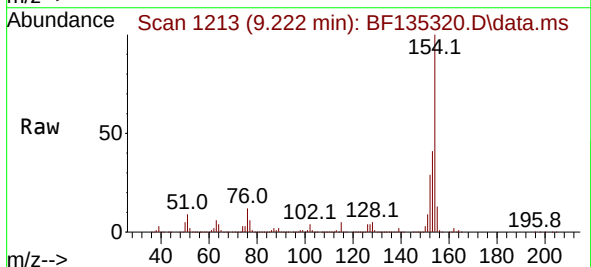
Tgt Ion:154 Resp: 1067858

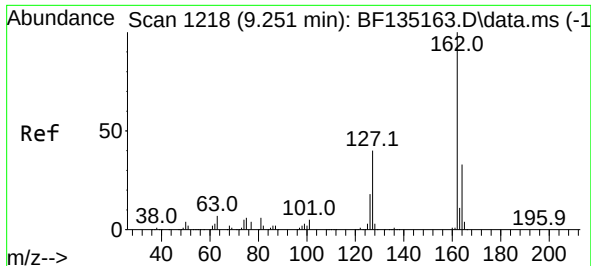
Ion Ratio Lower Upper

154 100

153 40.9 19.6 59.6

76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 68.458 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:162 Resp: 79789

Ion Ratio Lower Upper

162 100

127 43.9 32.6 48.8

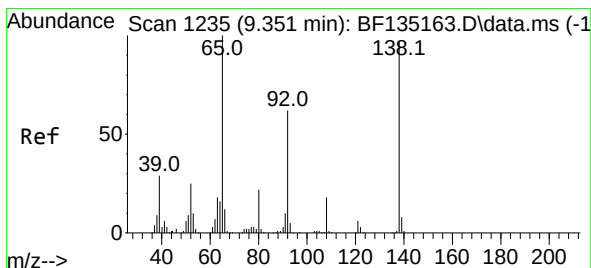
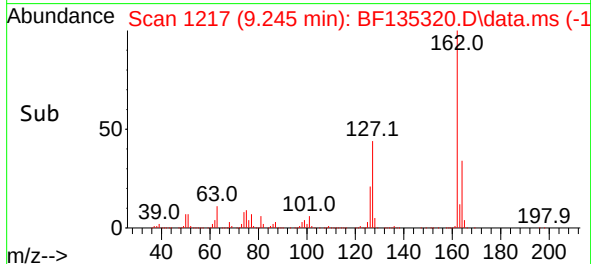
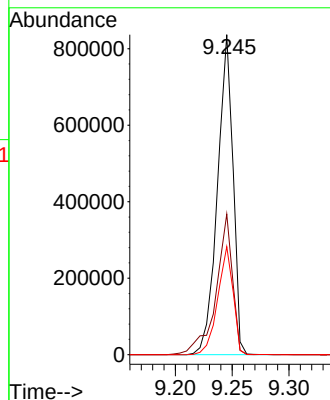
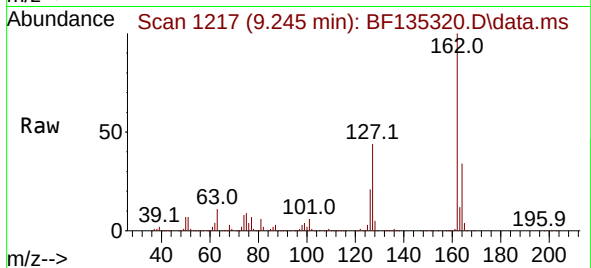
164 33.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#48

2-Nitroaniline

Concen: 68.129 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

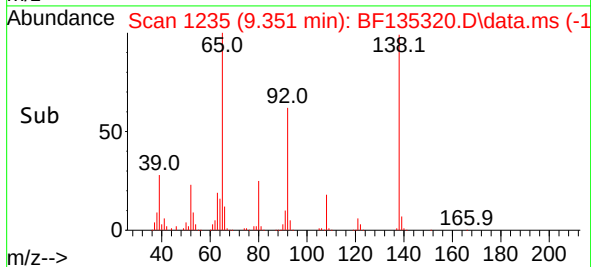
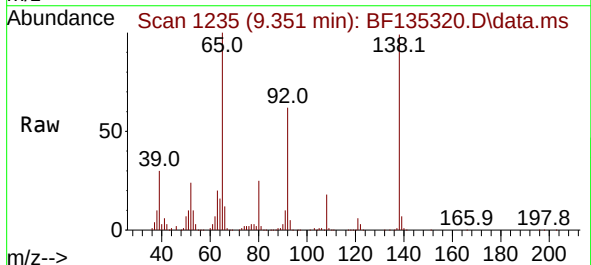
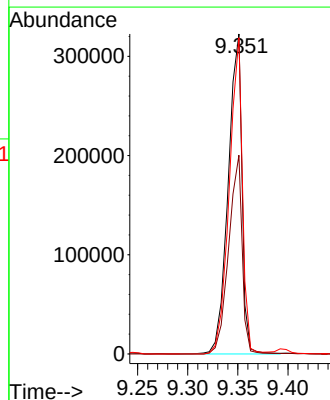
Tgt Ion: 65 Resp: 308489

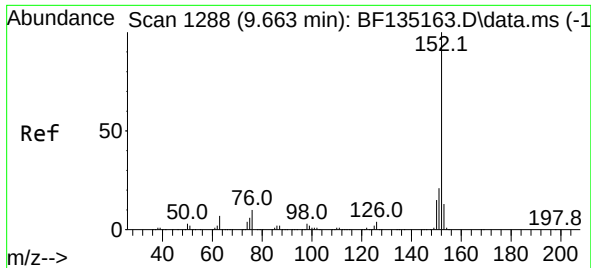
Ion Ratio Lower Upper

65 100

92 62.1 49.4 74.0

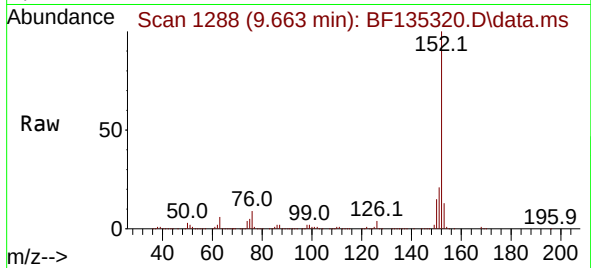
138 98.8 77.4 116.0





#49
Acenaphthylene
Concen: 65.634 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

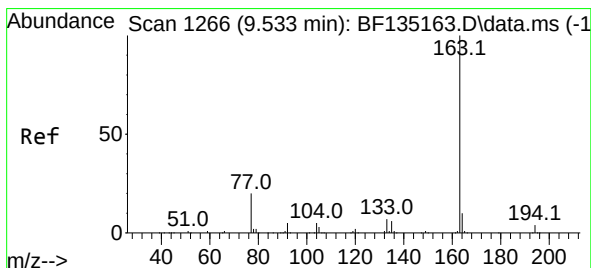
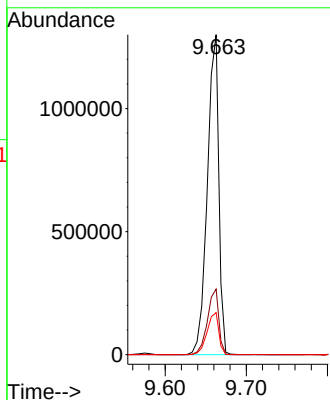
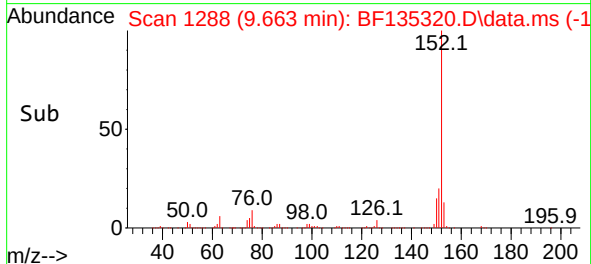
Instrument :
BNA_F
ClientSampleId :
72-11976MS



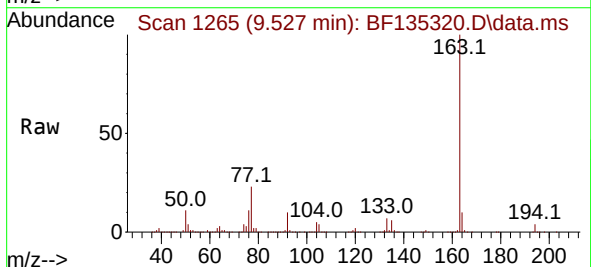
Tgt Ion:152 Resp: 1271338
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.1 10.4 15.6

Manual Integrations
APPROVED

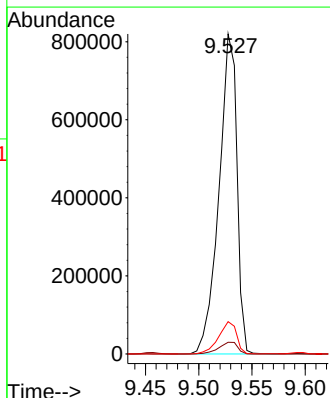
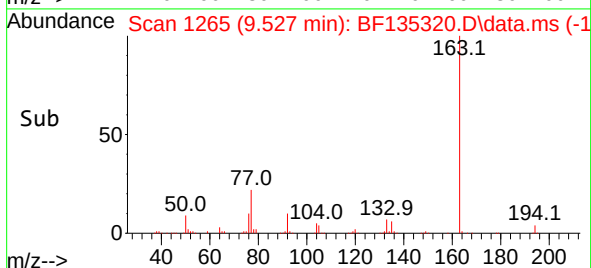
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

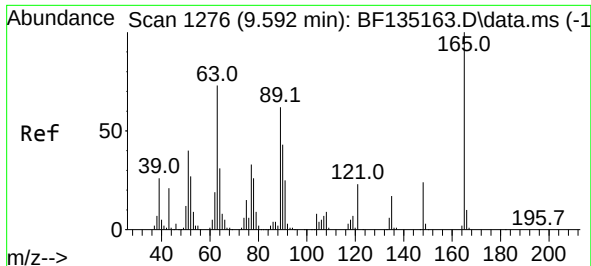


#50
Dimethylphthalate
Concen: 67.929 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:163 Resp: 960023
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 67.481 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

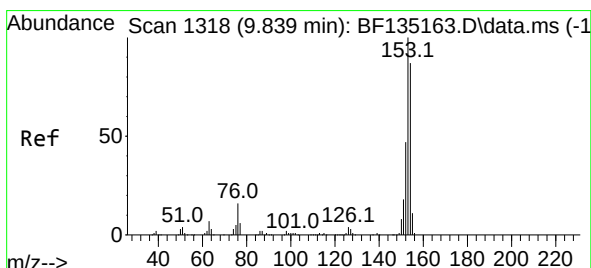
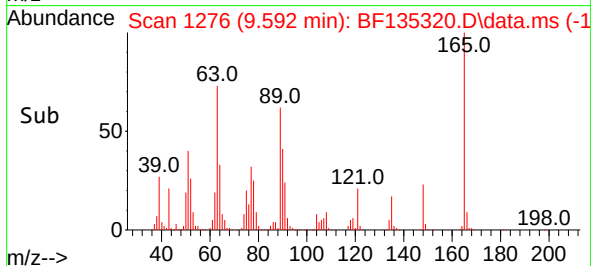
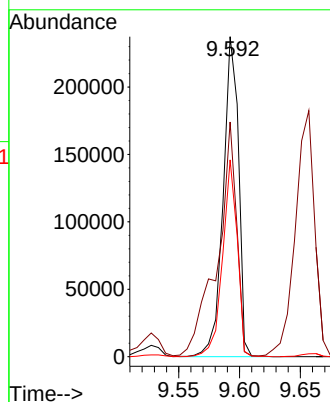
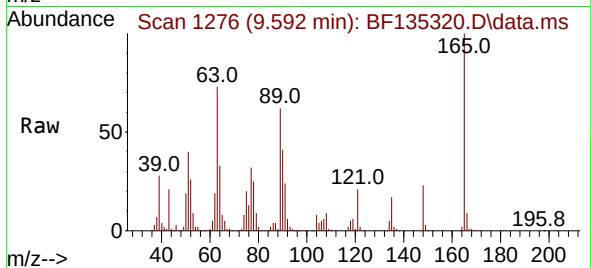
72-11976MS

Tgt Ion:165 Resp: 20892
 Ion Ratio Lower Upper
 165 100
 63 73.3 59.4 89.2
 89 61.5 49.8 74.8

Manual Integrations

APPROVED

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



#52

Acenaphthene

Concen: 64.815 ng

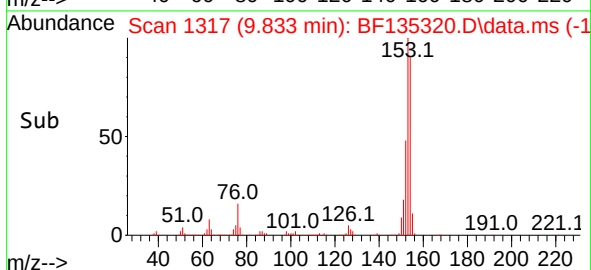
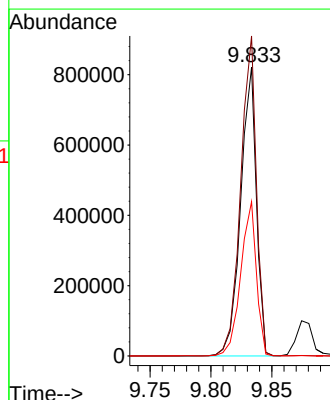
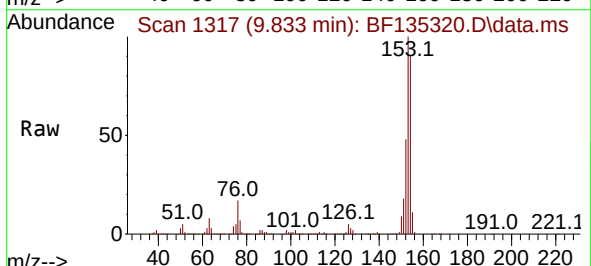
RT: 9.833 min Scan# 1317

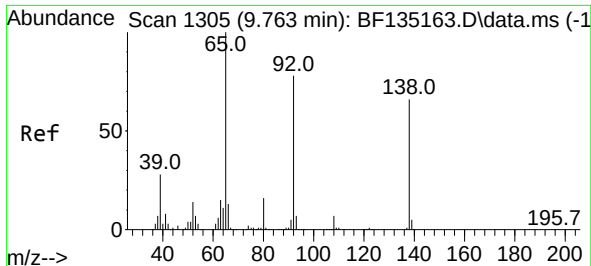
Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:154 Resp: 741674
 Ion Ratio Lower Upper
 154 100
 153 110.8 92.1 138.1
 152 53.4 43.1 64.7





#53
3-Nitroaniline
Concen: 48.529 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

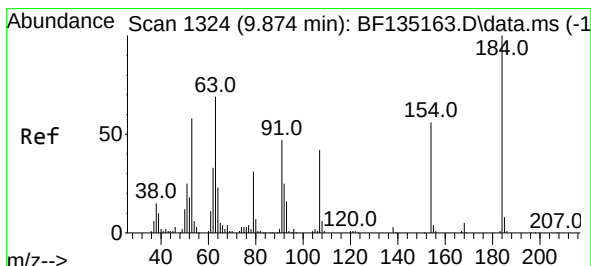
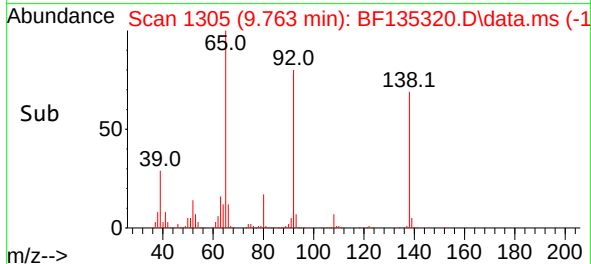
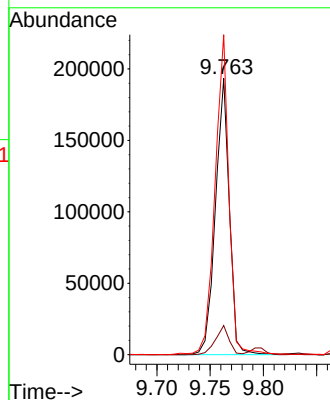
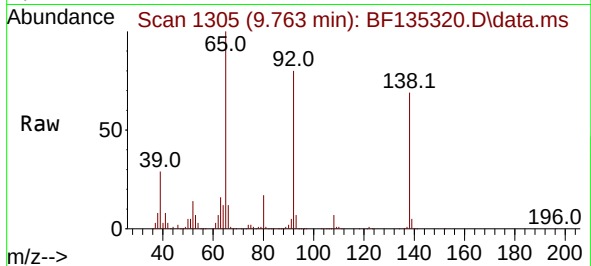
72-11976MS

Tgt Ion:138 Resp: 176364
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 115.8 95.4 143.0

Manual Integrations

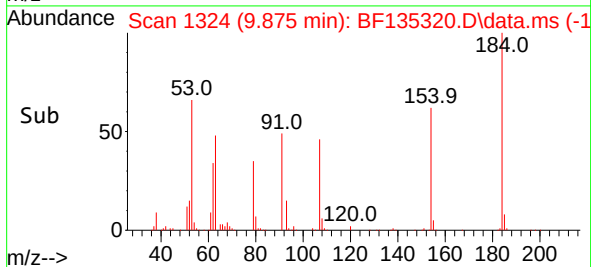
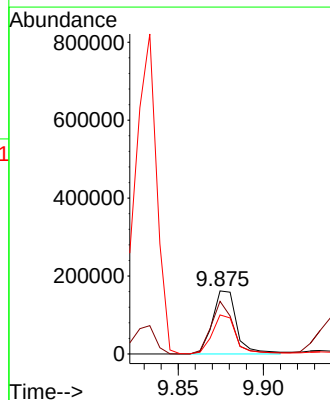
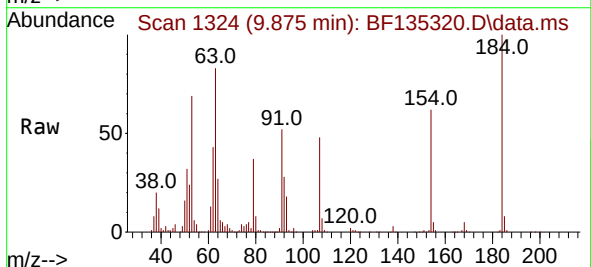
APPROVED

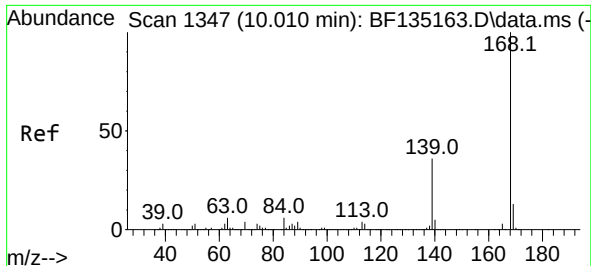
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#54
2,4-Dinitrophenol
Concen: 90.246 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

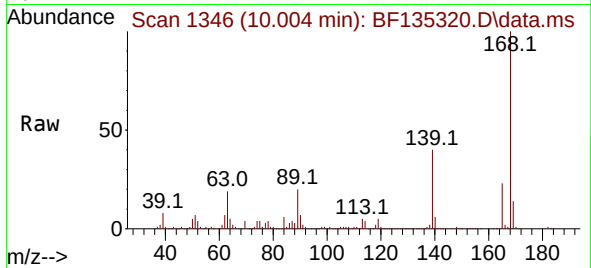
Tgt Ion:184 Resp: 160141
Ion Ratio Lower Upper
184 100
63 83.4 55.1 82.7#
154 62.0 48.4 72.6





#55
Dibenzenofuran
Concen: 60.696 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

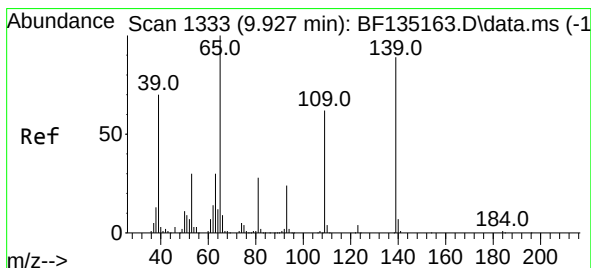
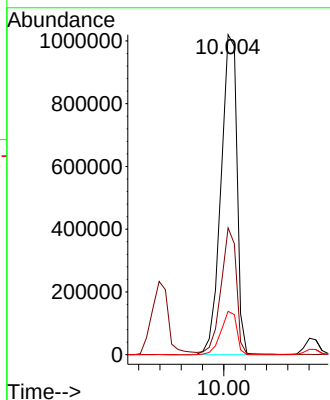
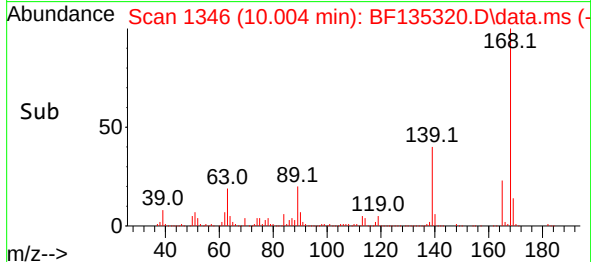
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion:168 Resp: 105984
Ion Ratio Lower Upper
168 100
139 39.6 29.0 43.6
169 13.5 10.4 15.6

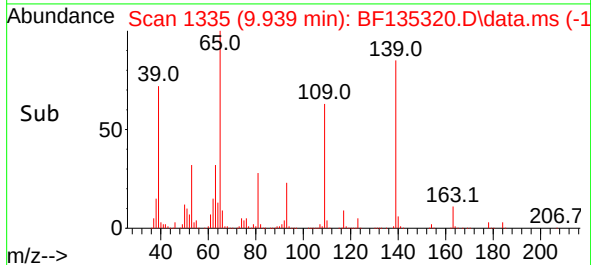
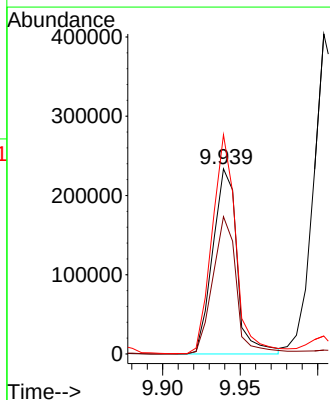
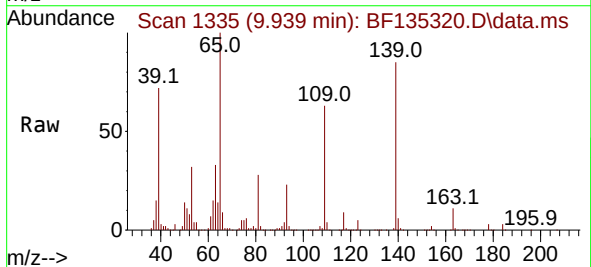
Manual Integrations
APPROVED

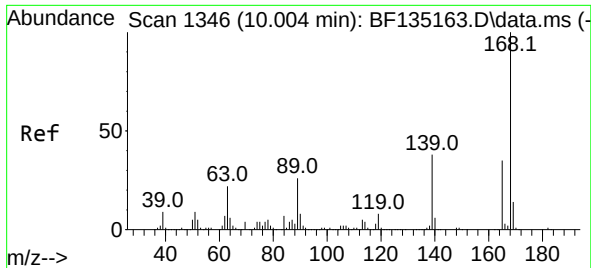
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#56
4-Nitrophenol
Concen: 110.506 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:139 Resp: 255238
Ion Ratio Lower Upper
139 100
109 74.2 49.8 89.8
65 118.3 92.7 132.7





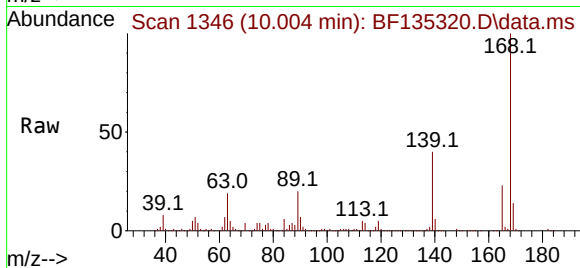
#57
2,4-Dinitrotoluene
Concen: 56.485 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

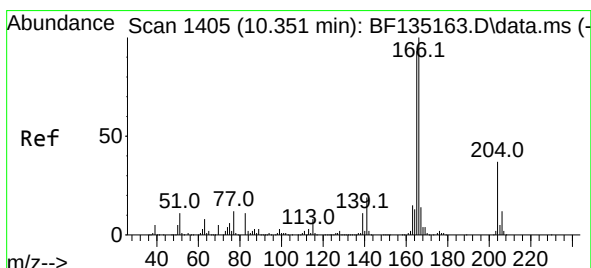
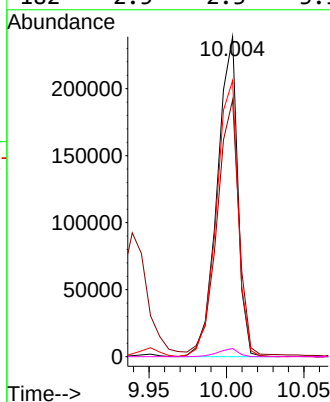
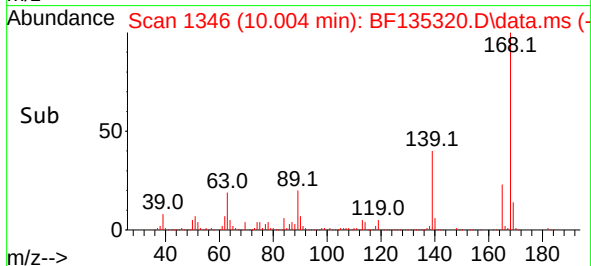


Tgt Ion:165 Resp: 21893
Ion Ratio Lower Upper
165 100
63 80.2 50.1 75.1
89 86.3 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

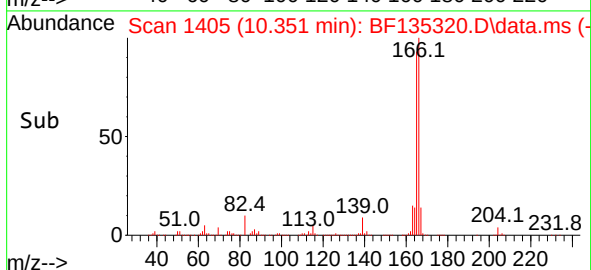
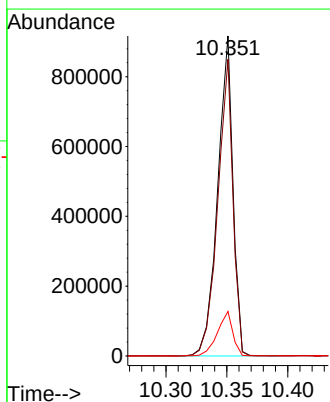
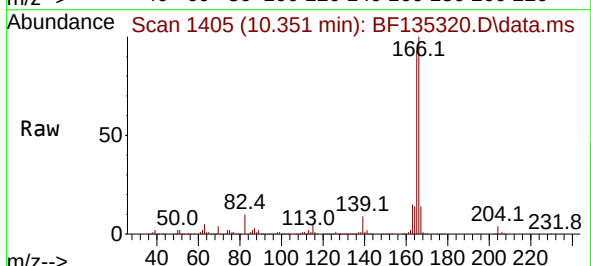
APPROVED

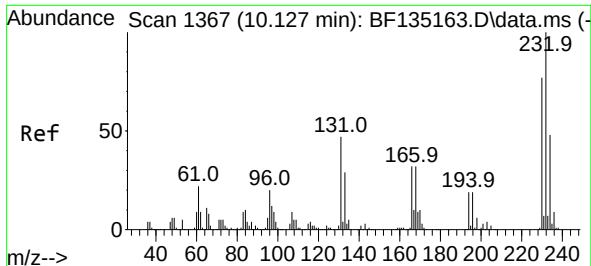
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#58
Fluorene
Concen: 59.633 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

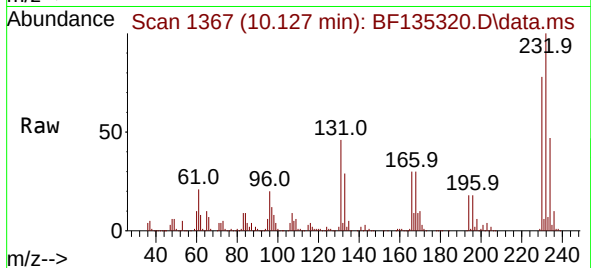
Tgt Ion:166 Resp: 800511
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.955 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

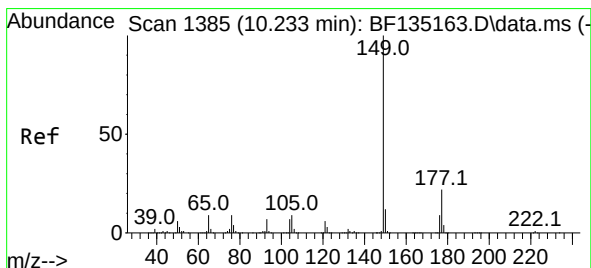
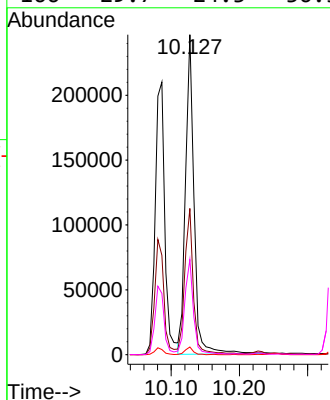
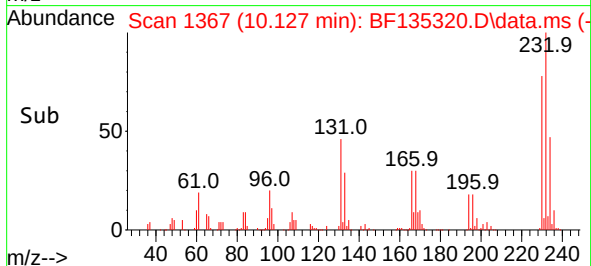
Instrument :
BNA_F
ClientSampleId :
72-11976MS



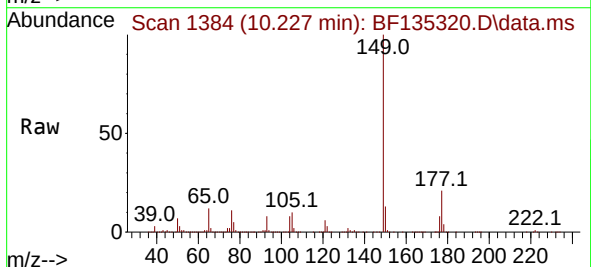
Tgt Ion:232 Resp: 214104
Ion Ratio Lower Upper
232 100
131 46.0 35.4 53.2
130 2.3 1.8 2.8
166 29.7 24.3 36.5

Manual Integrations
APPROVED

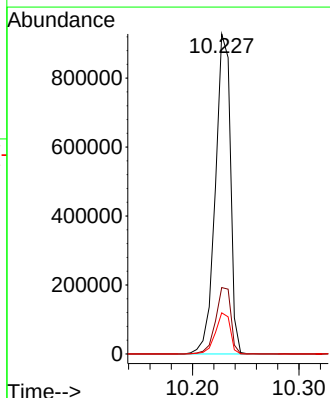
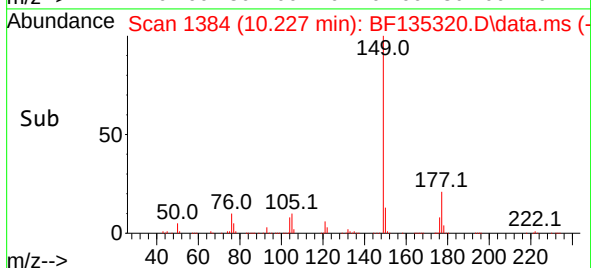
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

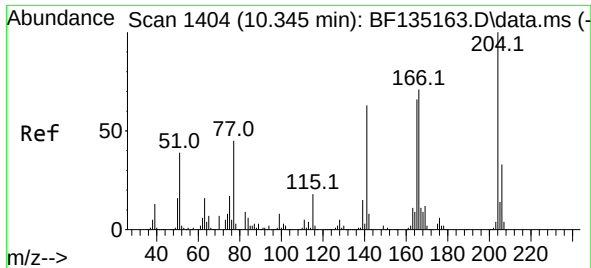


#60
Diethylphthalate
Concen: 64.120 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



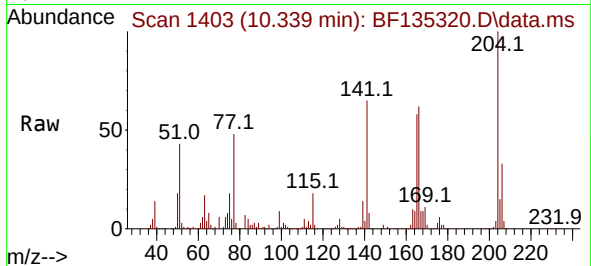
Tgt Ion:149 Resp: 909446
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 58.803 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

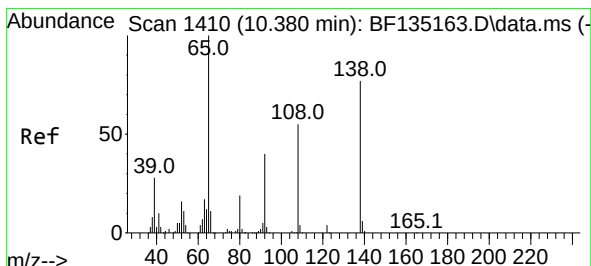
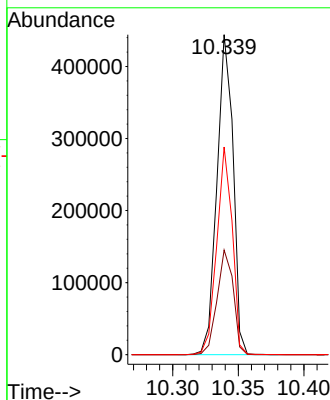
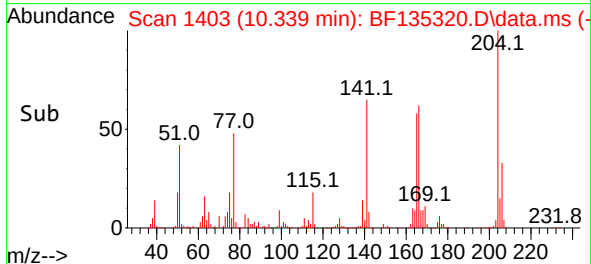
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion:204 Resp: 379180
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 64.9 50.6 75.8

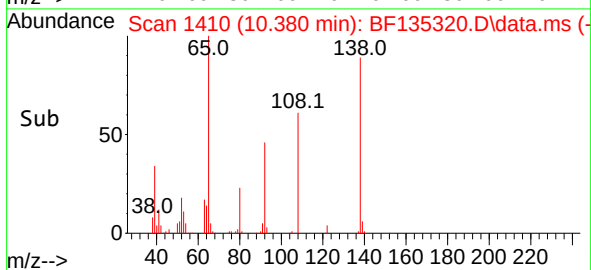
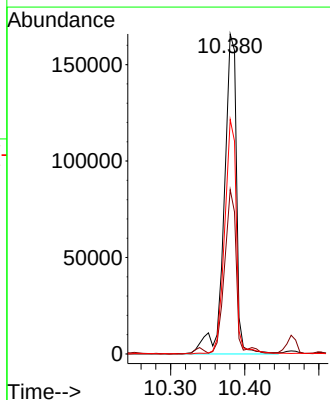
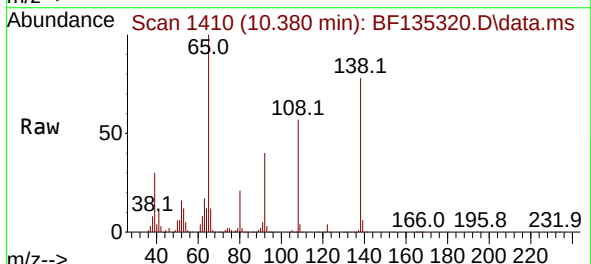
Manual Integrations
APPROVED

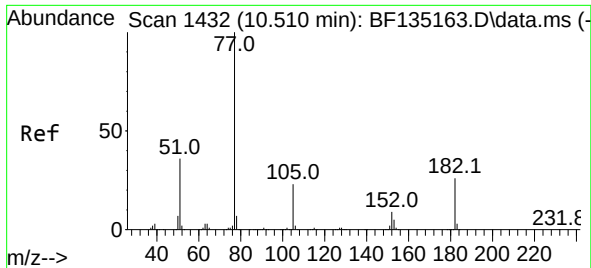
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#62
4-Nitroaniline
Concen: 55.102 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

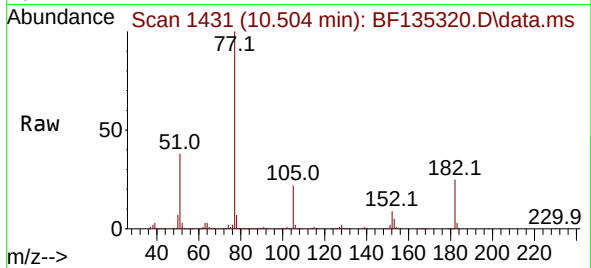
Tgt Ion:138 Resp: 192491
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 73.3 52.0 92.0





#63
Azobenzene
Concen: 63.049 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

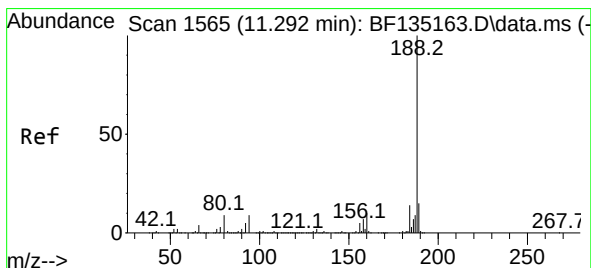
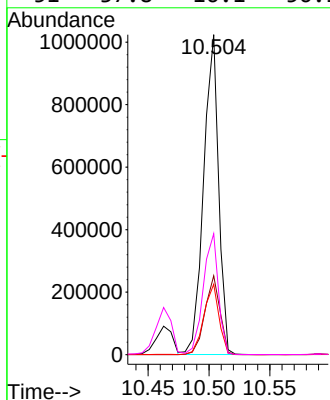
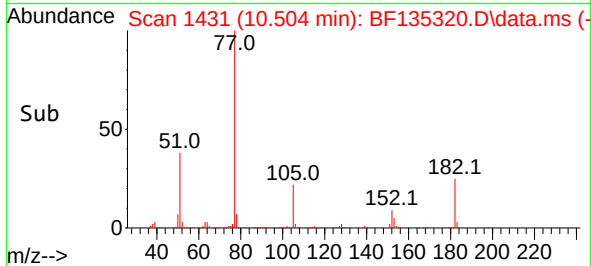
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion: 77 Resp: 875200
Ion Ratio Lower Upper
77 100
182 24.7 6.4 46.4
105 22.0 3.1 43.1
51 37.8 16.1 56.1

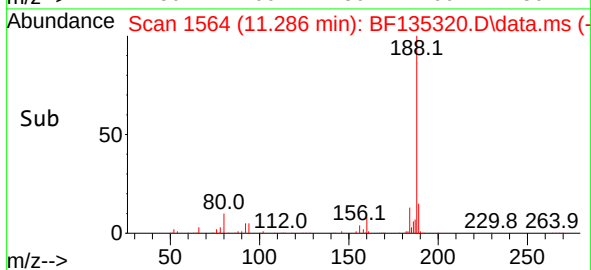
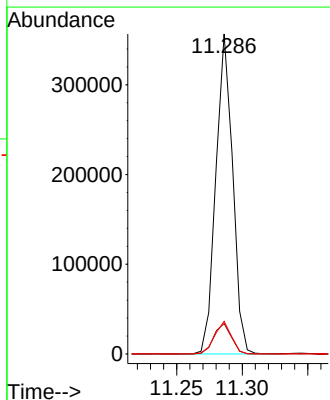
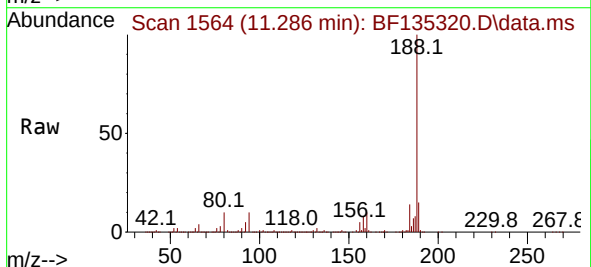
Manual Integrations
APPROVED

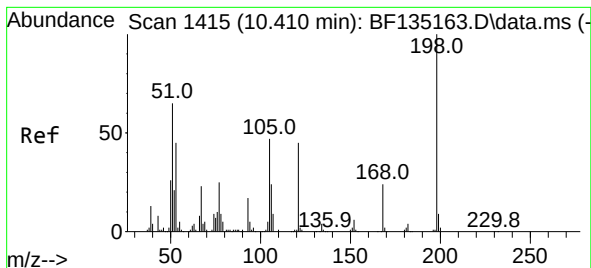
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Tgt Ion:188 Resp: 317649
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.5 11.3





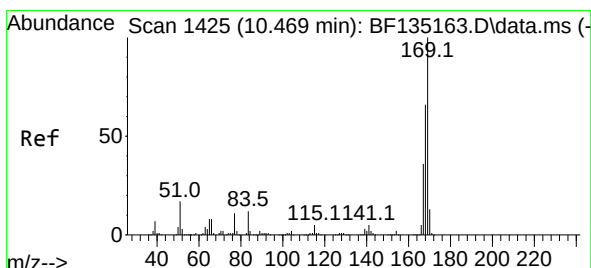
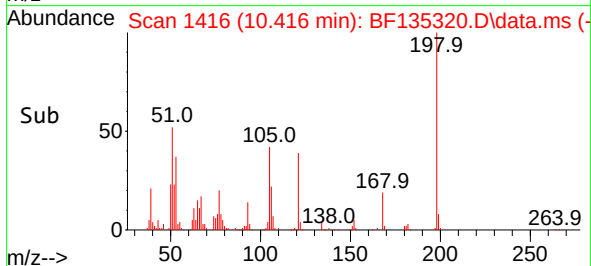
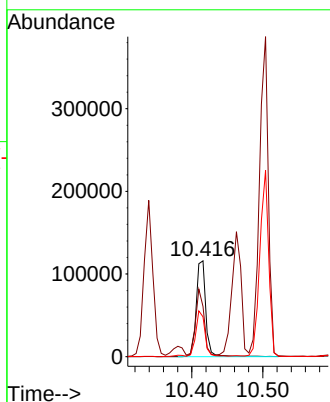
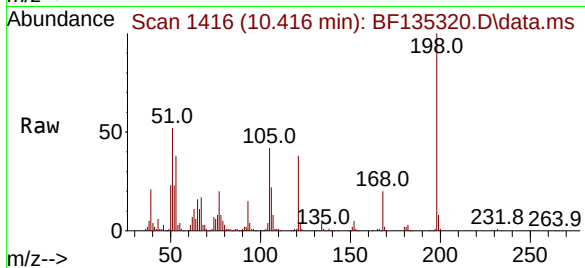
#65
4,6-Dinitro-2-methylphenol
Concen: 64.640 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :
BNA_F
ClientSampleId :
72-11976MS

Tgt Ion:198 Resp: 10905
Ion Ratio Lower Upper
198 100
51 52.3 47.7 87.7
105 41.6 27.4 67.4

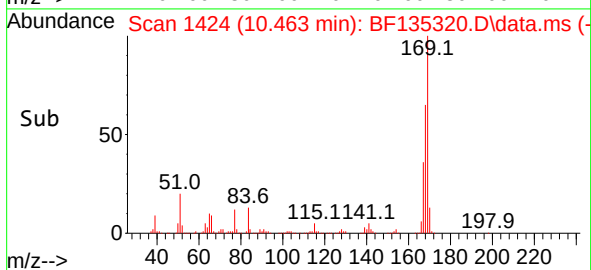
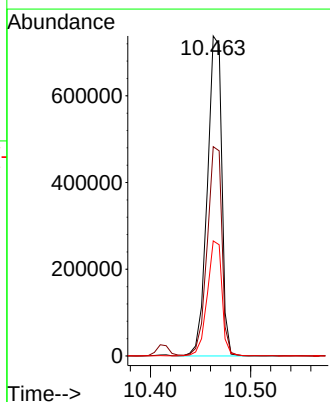
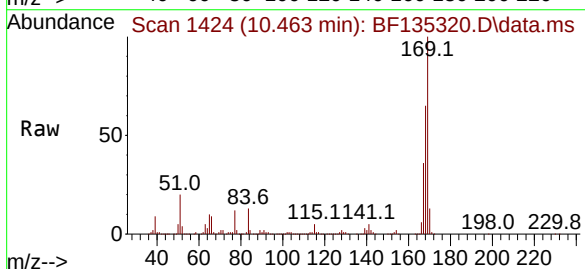
Manual Integrations
APPROVED

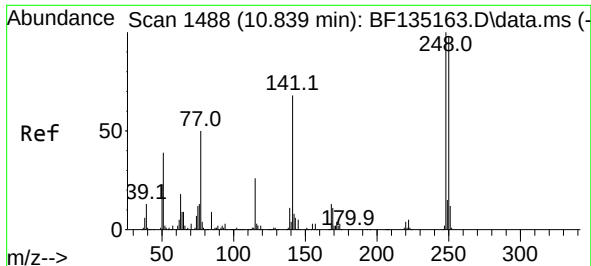
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#66
n-Nitrosodiphenylamine
Concen: 77.028 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

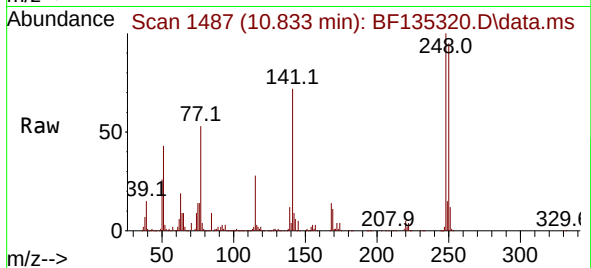
Tgt Ion:169 Resp: 740761
Ion Ratio Lower Upper
169 100
168 65.4 52.8 79.2
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 74.939 ng
RT: 10.833 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

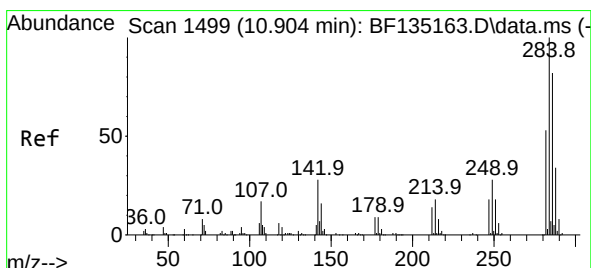
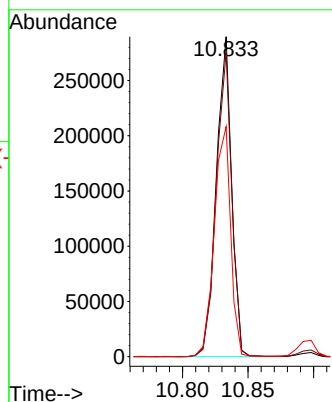
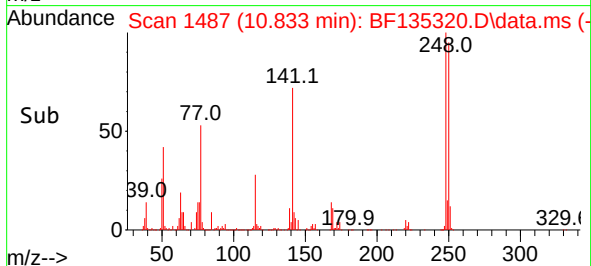
Instrument :
BNA_F
ClientSampleId :
72-11976MS



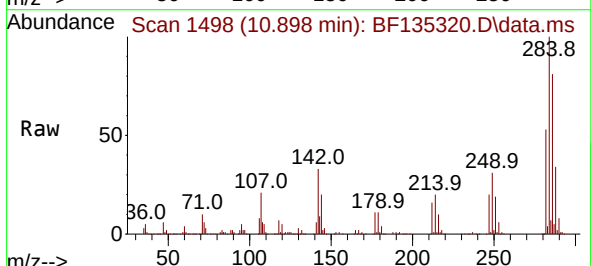
Tgt Ion:248 Resp: 236750
Ion Ratio Lower Upper
248 100
250 95.0 78.6 117.8
141 71.9 54.2 81.2

Manual Integrations
APPROVED

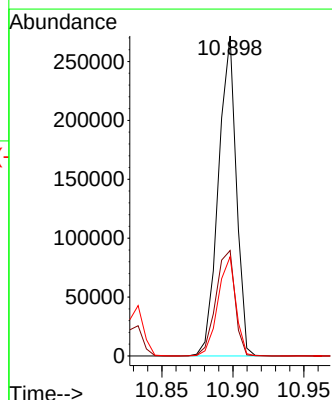
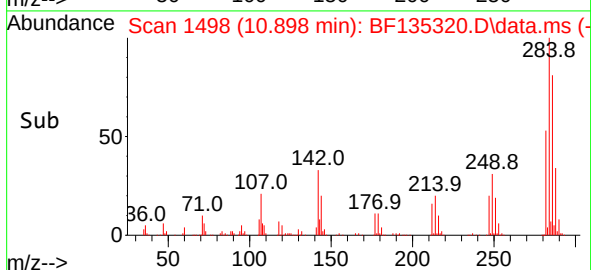
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

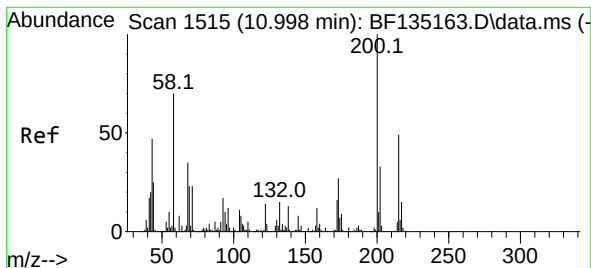


#68
Hexachlorobenzene
Concen: 73.919 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:284 Resp: 237912
Ion Ratio Lower Upper
284 100
142 33.0 22.2 33.4
249 31.0 22.5 33.7





#69

Atrazine

Concen: 79.538 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135320.D

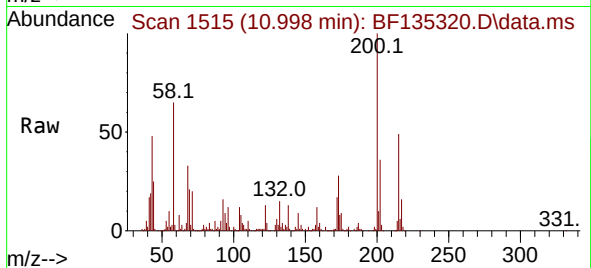
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



Tgt Ion:200 Resp: 20581

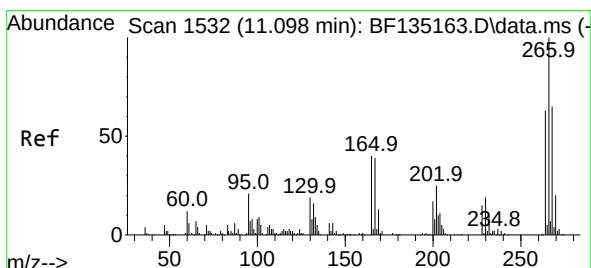
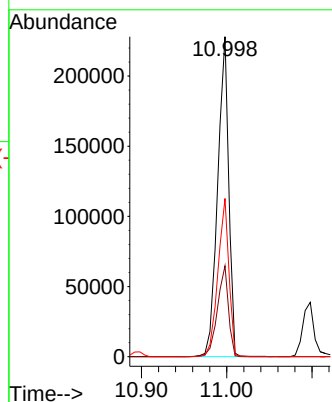
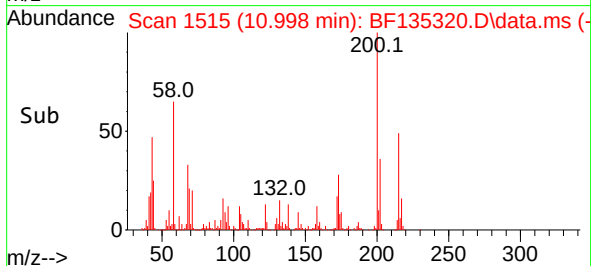
Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	49.5	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#70

Pentachlorophenol

Concen: 110.116 ng

RT: 11.098 min Scan# 1532

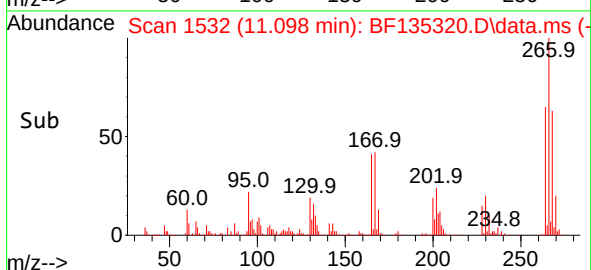
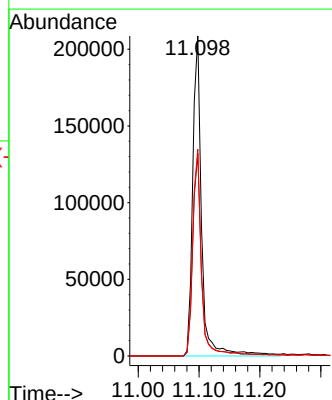
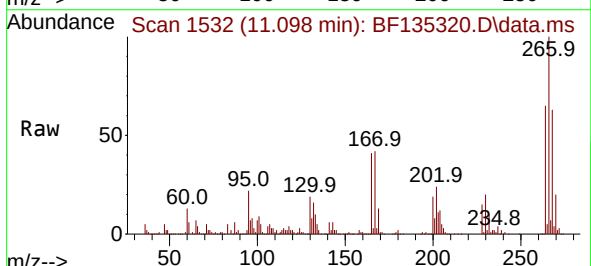
Delta R.T. 0.000 min

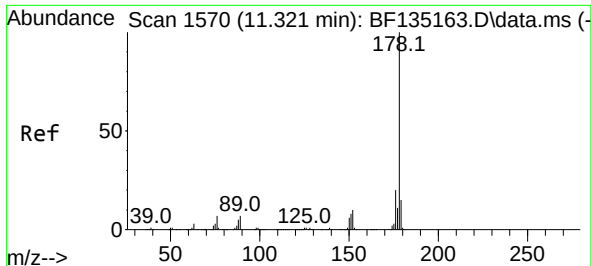
Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:266 Resp: 212045

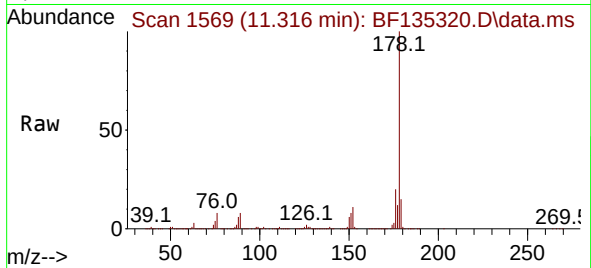
Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.1	78.1
264	64.6	50.8	76.2





#71
Phenanthrene
Concen: 69.555 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

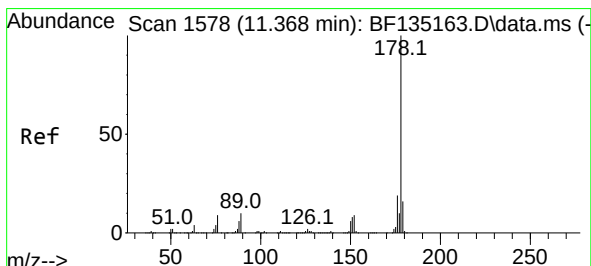
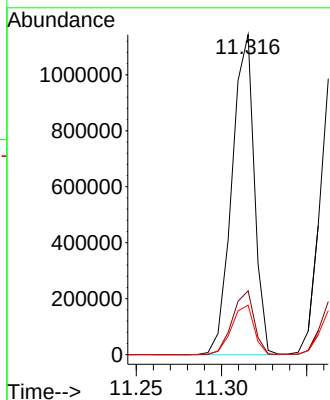
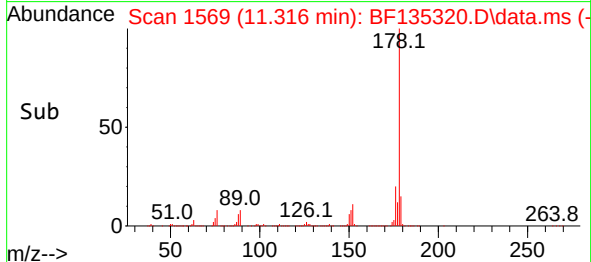
Instrument :
BNA_F
ClientSampleId :
72-11976MS



Tgt Ion:178 Resp: 1044958
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 15.5 12.0 18.0

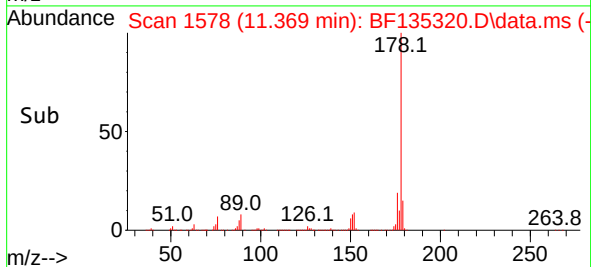
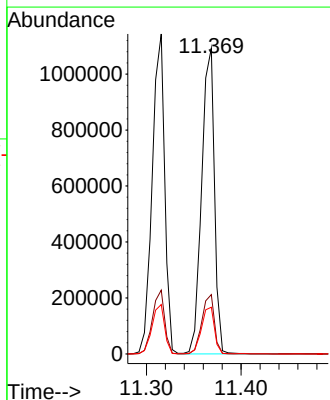
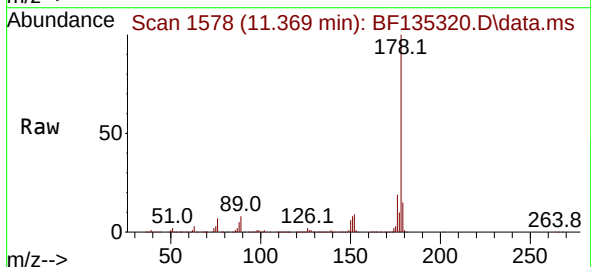
Manual Integrations
APPROVED

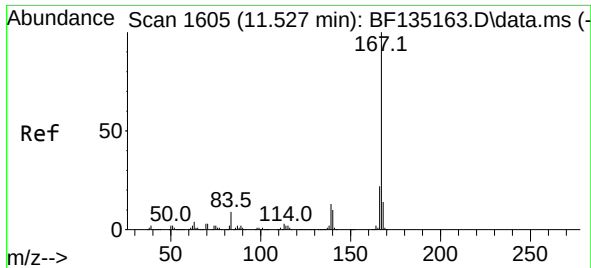
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#72
Anthracene
Concen: 66.142 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

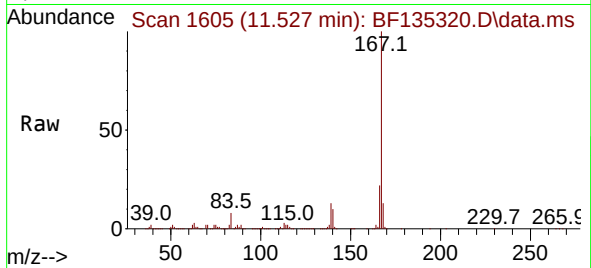
Tgt Ion:178 Resp: 1021389
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.6 19.0





#73
 Carbazole
 Concen: 63.205 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

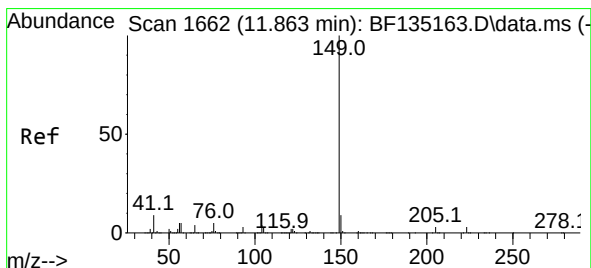
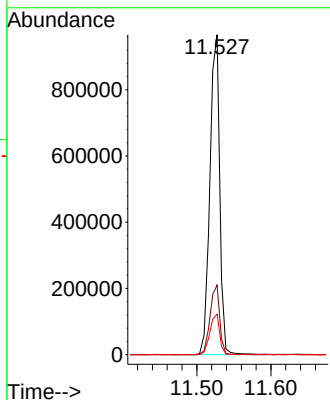
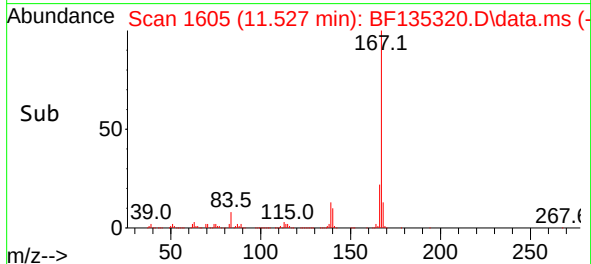
Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS



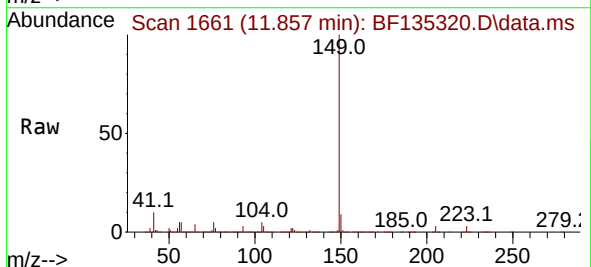
Tgt Ion:167 Resp: 888510
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.7 10.6 15.8

Manual Integrations
 APPROVED

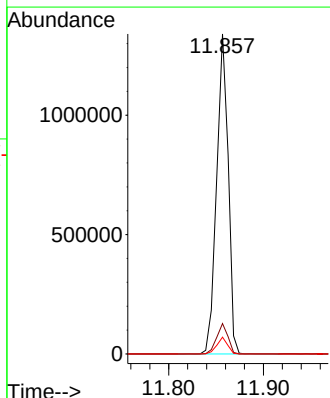
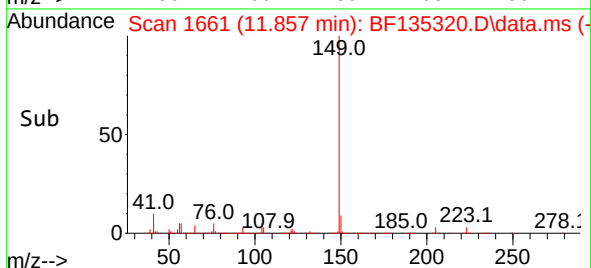
Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

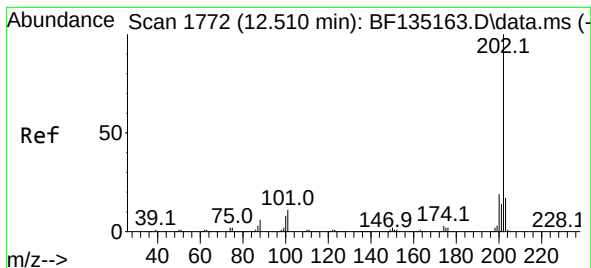


#74
 Di-n-butylphthalate
 Concen: 68.491 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22



Tgt Ion:149 Resp: 1134538
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.3 3.6 5.4





#75

Fluoranthene

Concen: 60.664 ng

RT: 12.510 min Scan# 1772

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

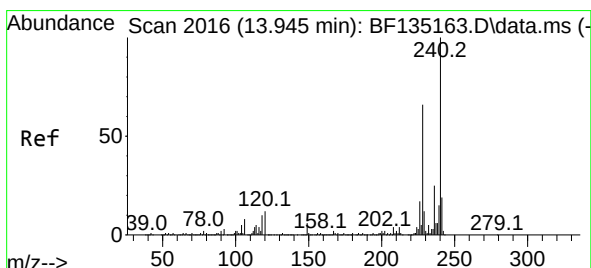
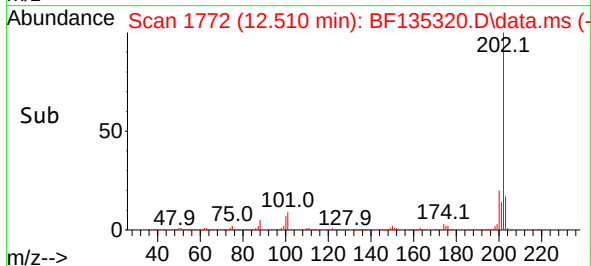
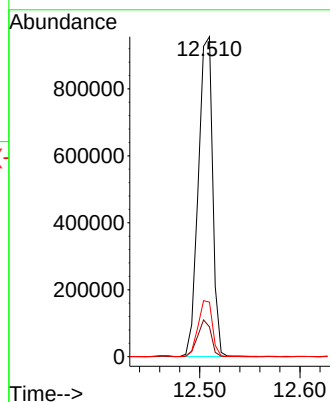
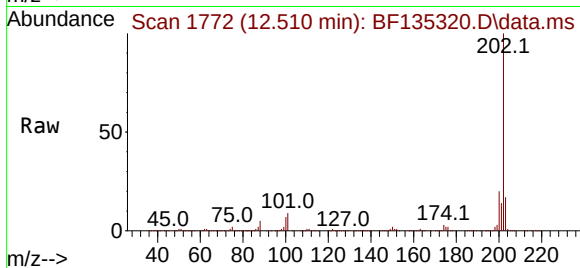
Tgt Ion:	202	Resp:	949654
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	31.3
203	17.1	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#76

Chrysene-d12

Concen: 20.000 ng

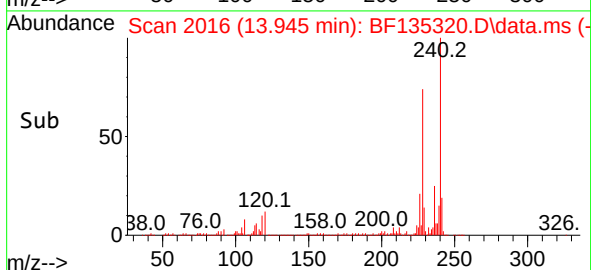
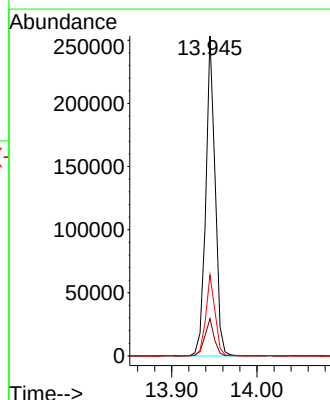
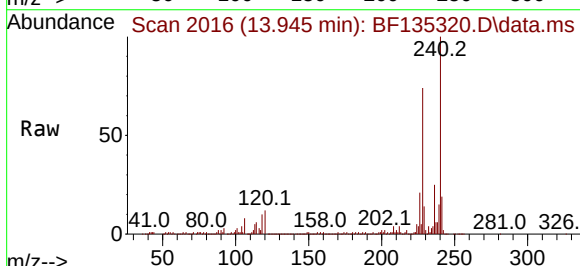
RT: 13.945 min Scan# 1616

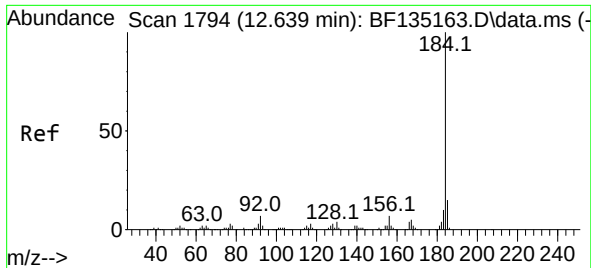
Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

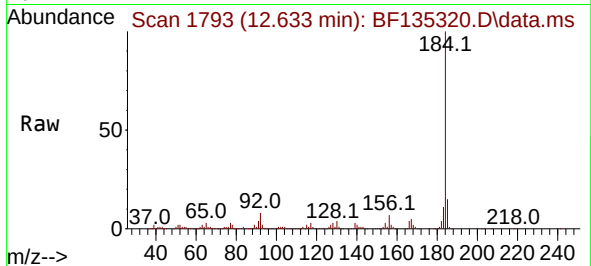
Tgt Ion:	240	Resp:	192907
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.4	14.2
236	25.4	19.8	29.8





#77
Benzidine
Concen: 117.948 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

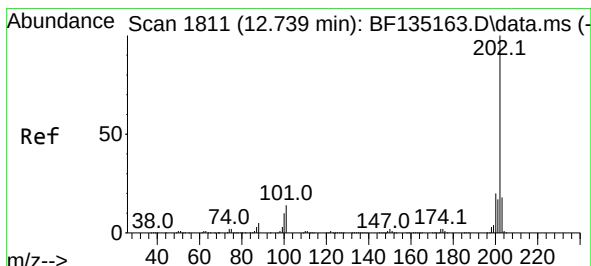
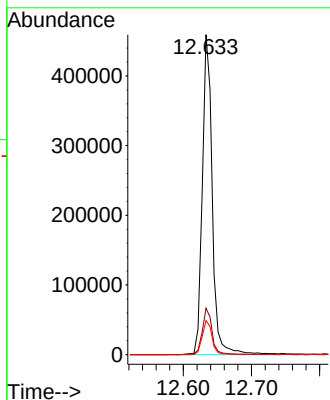
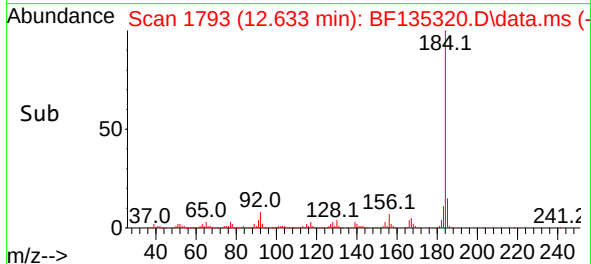
Instrument :
BNA_F
ClientSampleId :
72-11976MS



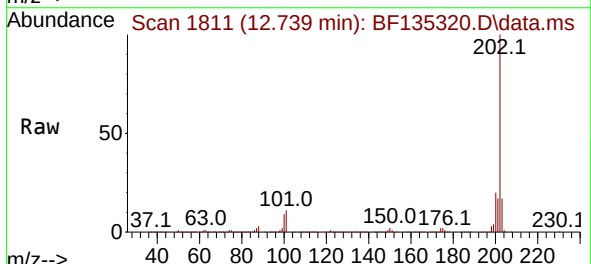
Tgt Ion:184 Resp: 466135
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.6 8.2 12.4

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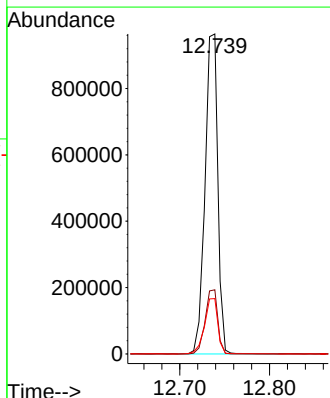
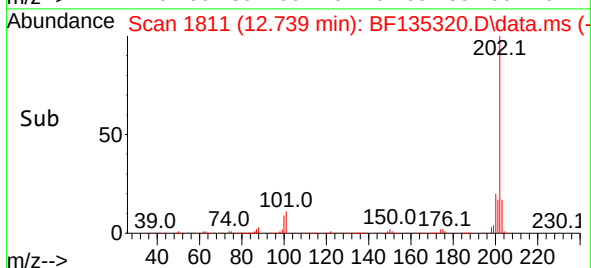
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

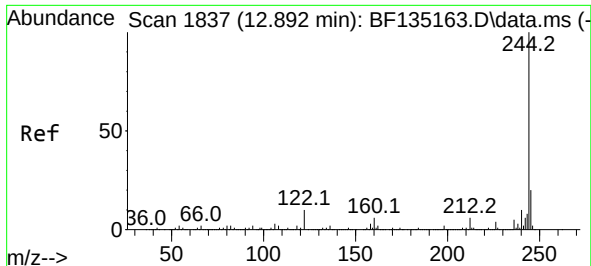


#78
Pyrene
Concen: 51.948 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:202 Resp: 954084
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.3 14.2 21.4





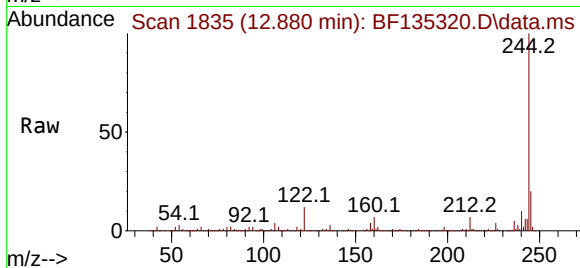
#79
 Terphenyl-d14
 Concen: 79.752 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



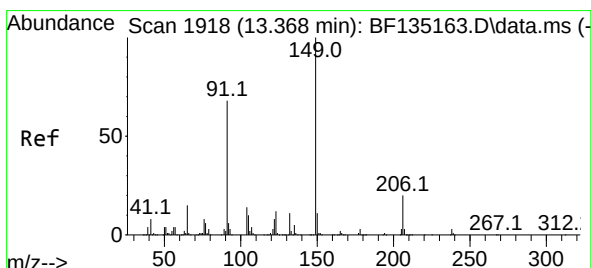
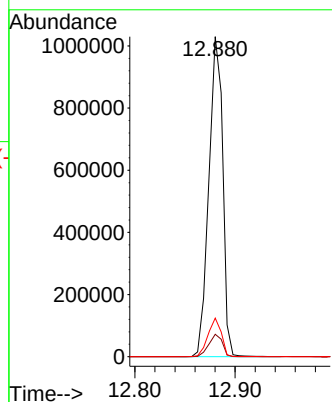
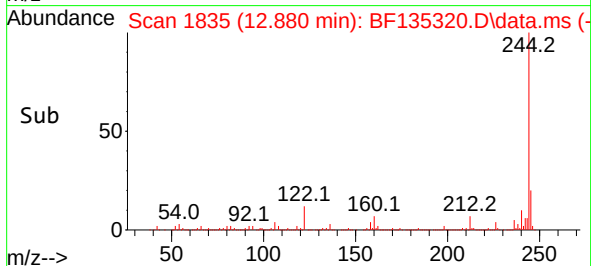
Tgt Ion:244 Resp: 992435
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.0 7.9 11.9

Manual Integrations

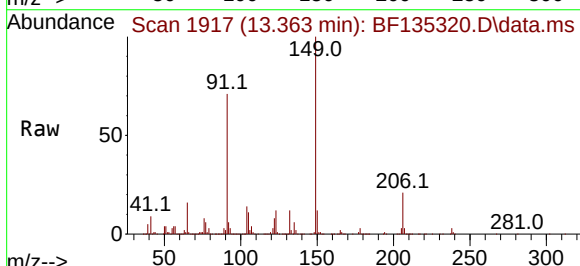
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

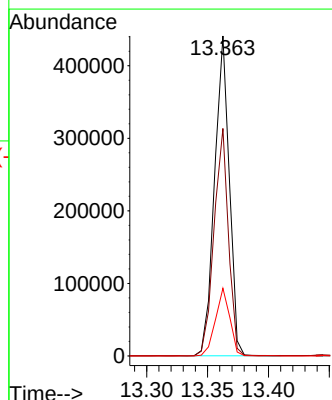
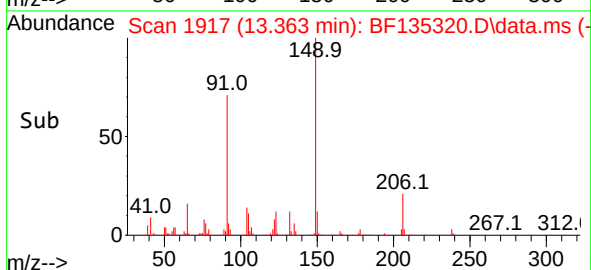
Supervised By :mohammad ahmed 09/19/2023

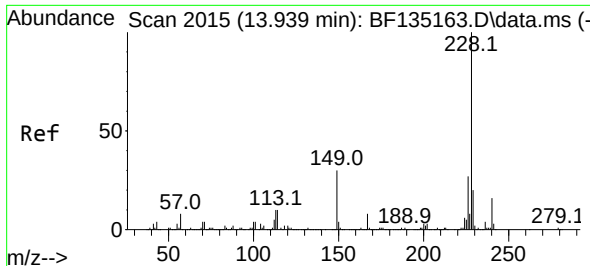


#80
 Butylbenzylphthalate
 Concen: 57.406 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135320.D
 Acq: 18 Sep 2023 22:22



Tgt Ion:149 Resp: 371215
 Ion Ratio Lower Upper
 149 100
 91 71.1 54.7 82.1
 206 21.2 16.3 24.5





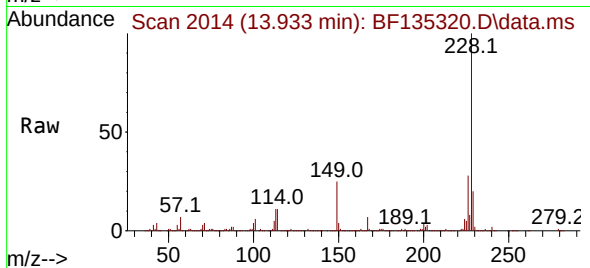
#81
Benzo(a)anthracene
Concen: 69.011 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS



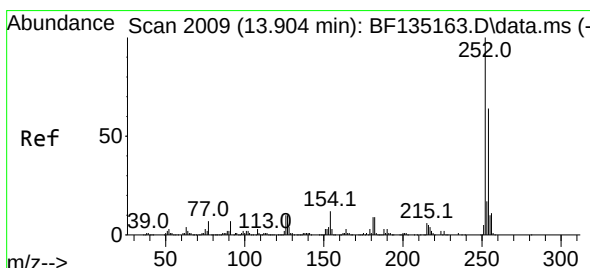
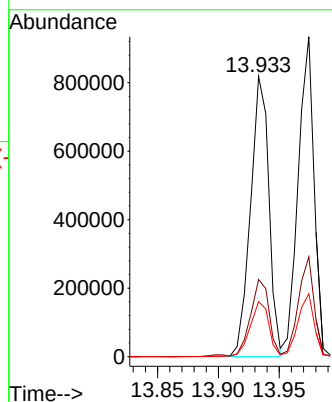
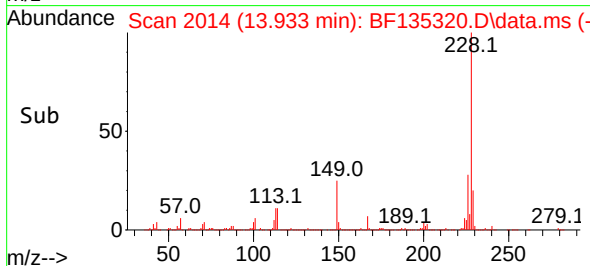
Tgt Ion:228 Resp: 85963
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.6 15.8 23.8

Manual Integrations

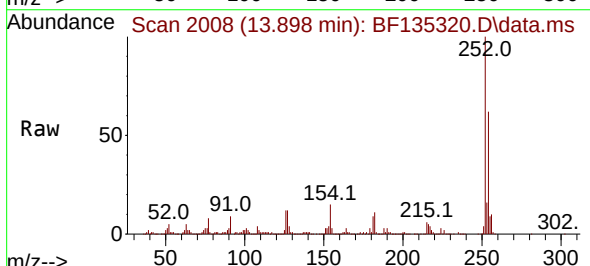
APPROVED

Reviewed By :Yogesh Patel 09/19/2023

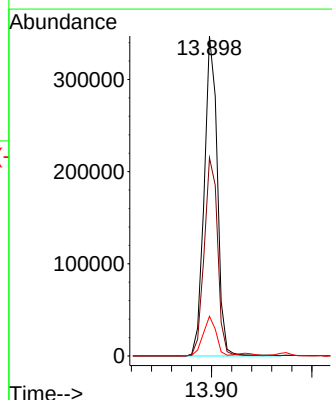
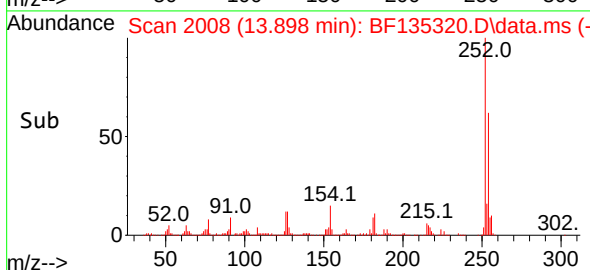
Supervised By :mohammad ahmed 09/19/2023

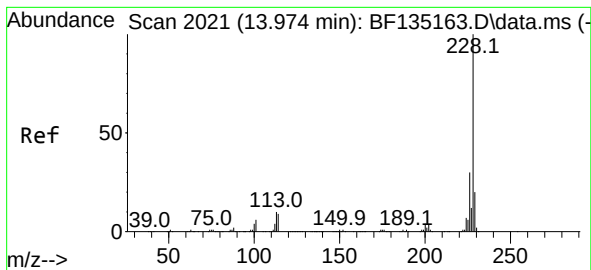


#82
3,3'-Dichlorobenzidine
Concen: 81.482 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:252 Resp: 317033
Ion Ratio Lower Upper
252 100
254 62.0 51.0 76.4
126 12.4 7.8 11.8#





#83

Chrysene

Concen: 68.663 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:228 Resp: 85036

Ion Ratio Lower Upper

228 100

226 31.2 24.3 36.5

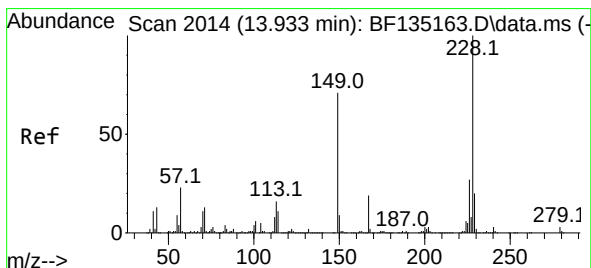
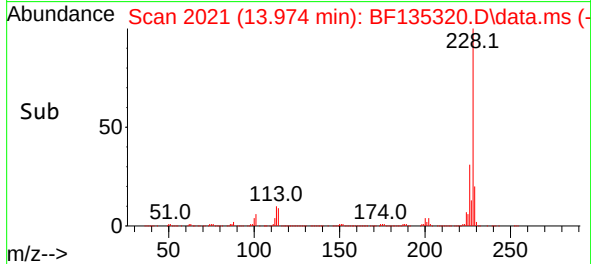
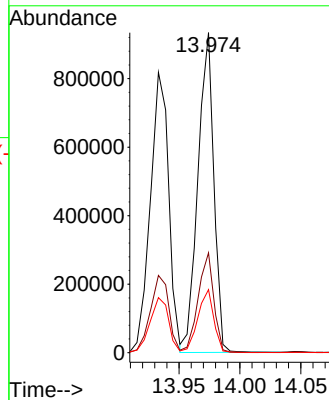
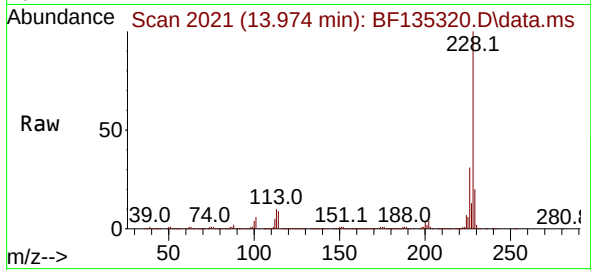
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.256 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

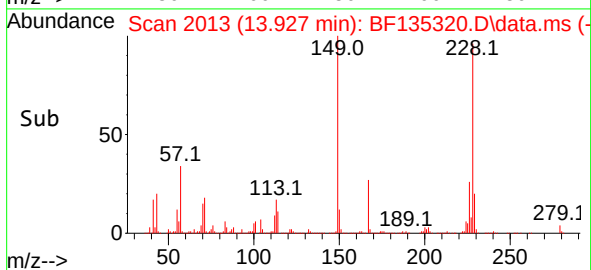
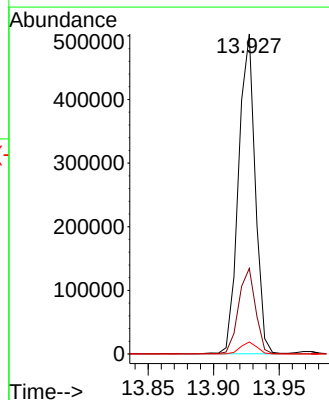
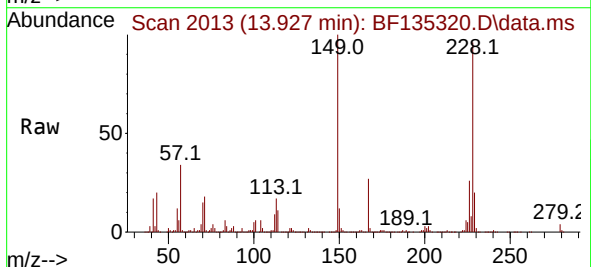
Tgt Ion:149 Resp: 446293

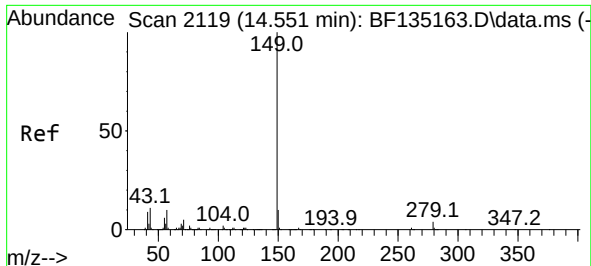
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

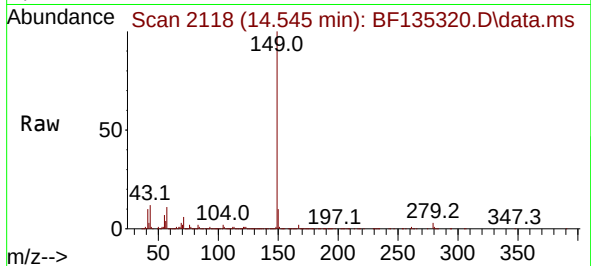
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 92.486 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

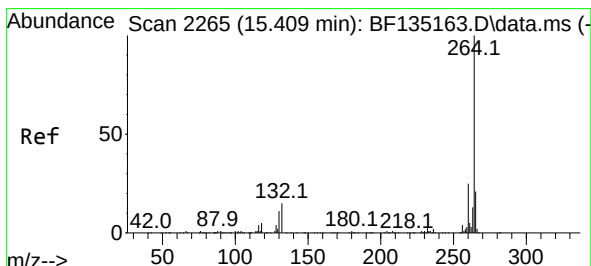
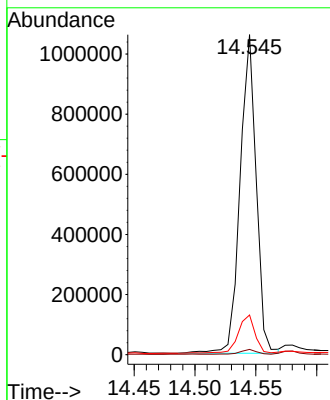
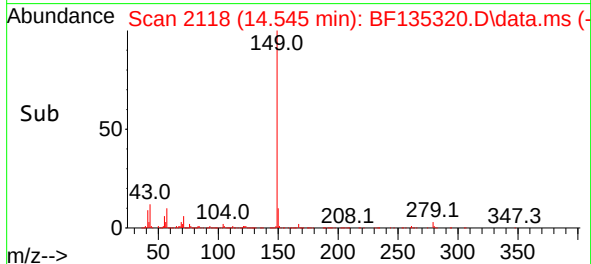
Instrument :
BNA_F
ClientSampleId :
72-11976MS



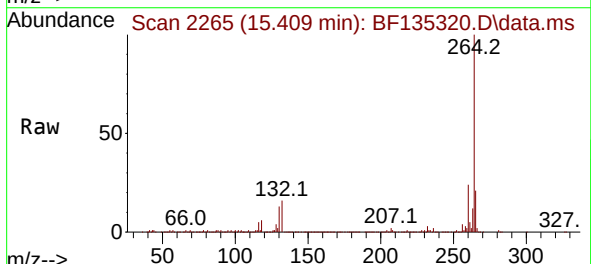
Tgt Ion:149 Resp: 975302
Ion Ratio Lower Upper
149 100
167 1.9 1.1 1.7
43 13.2 9.8 14.6

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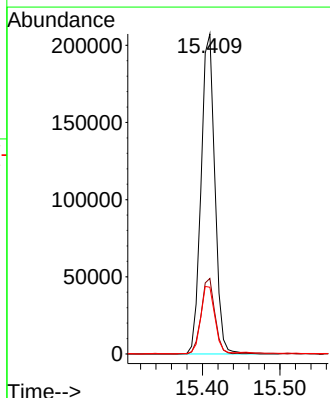
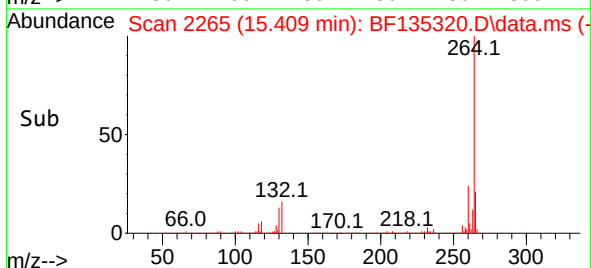
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

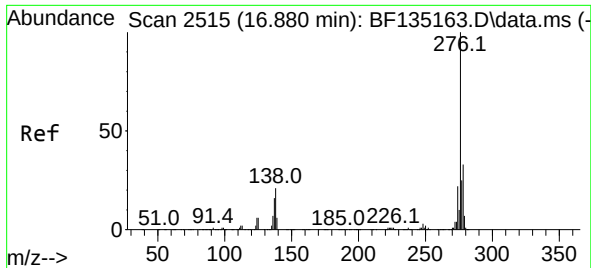


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:264 Resp: 256461
Ion Ratio Lower Upper
264 100
260 23.6 19.8 29.6
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.297 ng
RT: 16.892 min Scan# 2157
Delta R.T. 0.012 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

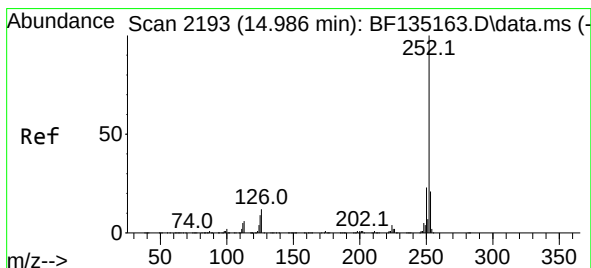
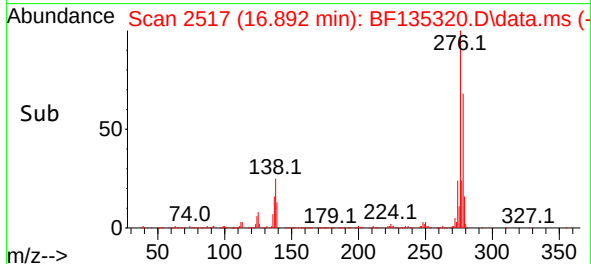
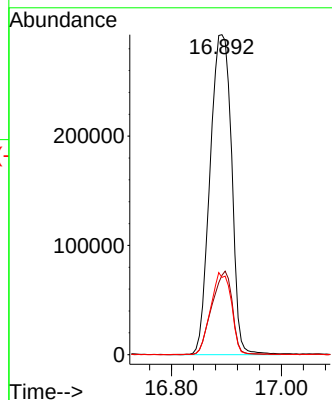
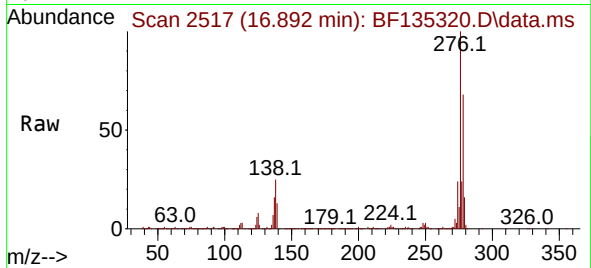
ClientSampleId :

72-11976MS

Tgt Ion:276 Resp: 79530
Ion Ratio Lower Upper
276 100
138 25.0 19.2 28.8
277 24.9 19.7 29.5

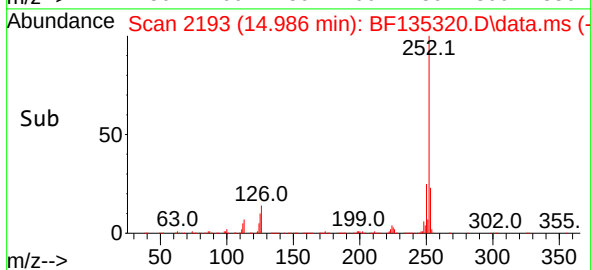
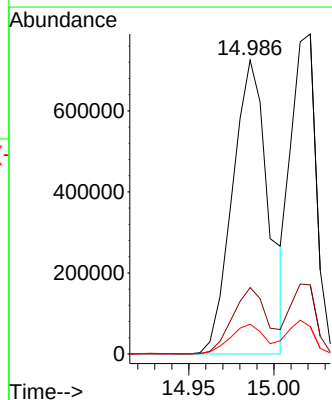
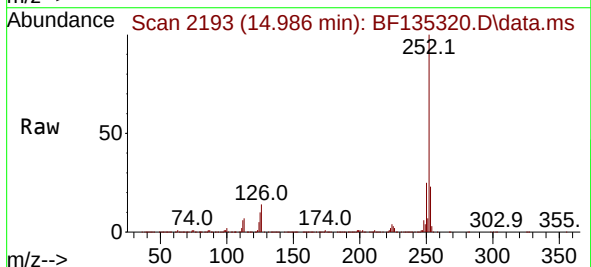
Manual Integrations
APPROVED

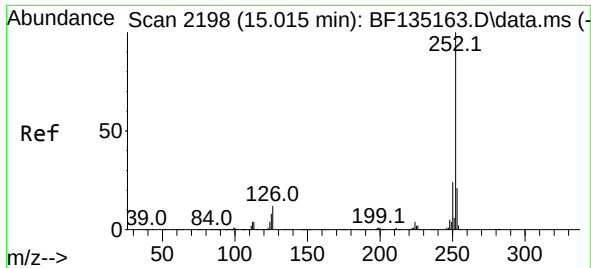
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023



#88
Benzo(b)fluoranthene
Concen: 76.523 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

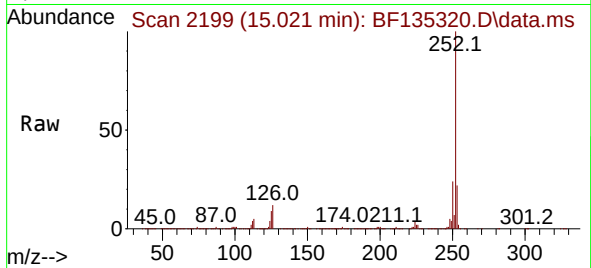
Tgt Ion:252 Resp: 1062378
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.1 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 59.263 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22

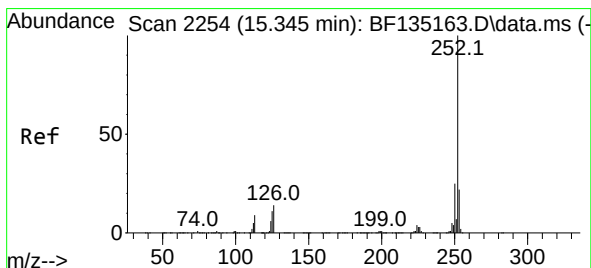
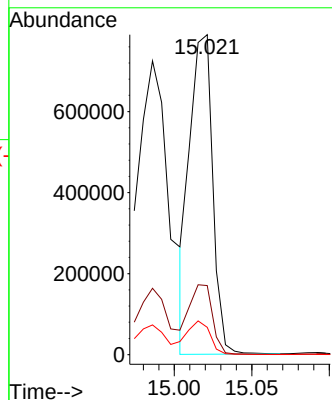
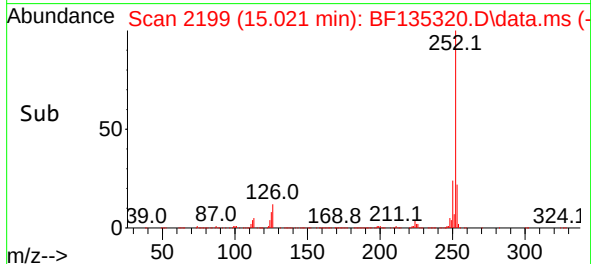
Instrument :
BNA_F
ClientSampleId :
72-11976MS



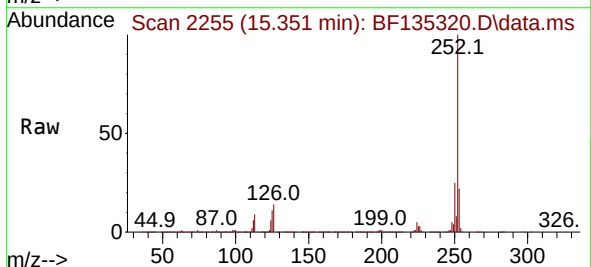
Tgt Ion:252 Resp: 81274
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 8.5 7.2 10.8

Manual Integrations
APPROVED

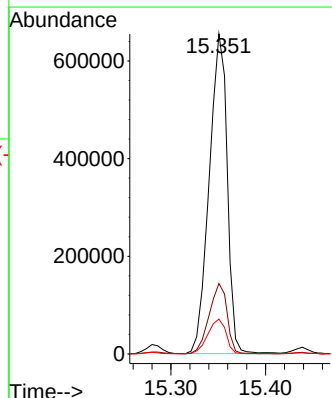
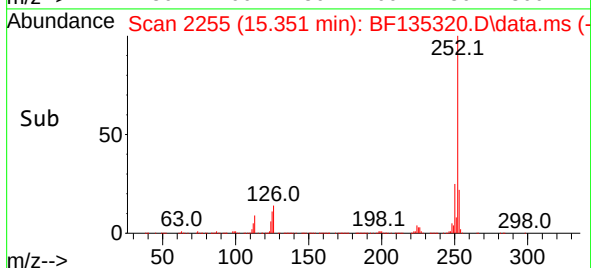
Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

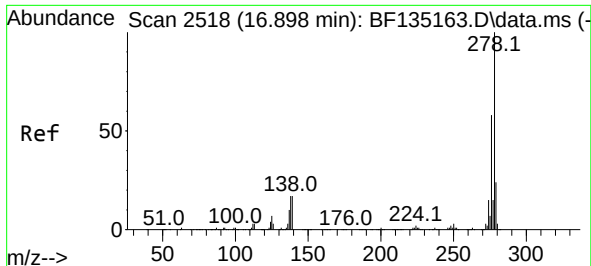


#90
Benzo(a)pyrene
Concen: 65.378 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135320.D
Acq: 18 Sep 2023 22:22



Tgt Ion:252 Resp: 865574
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 47.463 ng

RT: 16.903 min Scan# 2519

Delta R.T. 0.006 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Instrument :

BNA_F

ClientSampleId :

72-11976MS

Tgt Ion:278 Resp: 653019

Ion Ratio Lower Upper

278 100

139 16.7 13.4 20.0

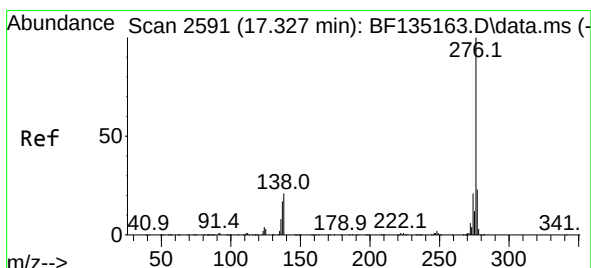
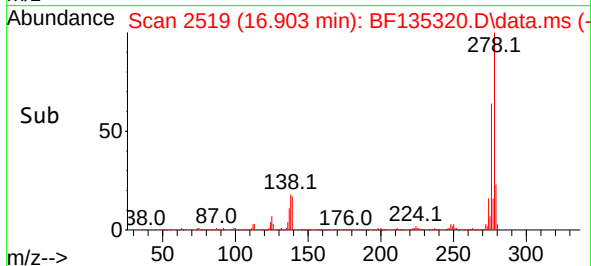
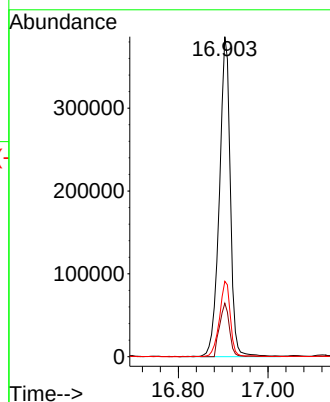
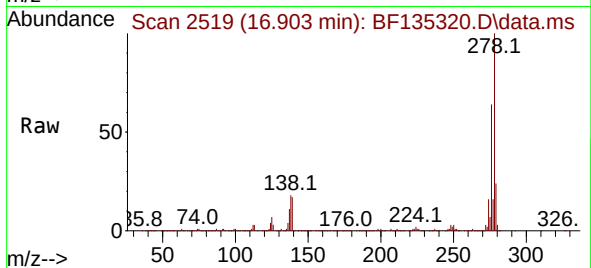
279 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023

Supervised By :mohammad ahmed 09/19/2023



#92

Benzo(g,h,i)perylene

Concen: 41.146 ng

RT: 17.339 min Scan# 2593

Delta R.T. 0.012 min

Lab File: BF135320.D

Acq: 18 Sep 2023 22:22

Tgt Ion:276 Resp: 591228

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.9 16.9 25.3

