

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135268.D
 Acq On : 14 Sep 2023 22:46
 Operator : CG\JU
 Sample : 04283-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:38:17 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	6.763	152	119974	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	457701	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	213284	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	340011	20.000	ng	0.00
76) Chrysene-d12	13.951	240	209162	20.000	ng	0.00
86) Perylene-d12	15.415	264	223694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	722507	97.948	ng	0.02
7) Phenol-d6	6.416	99	913017	97.341	ng	0.01
23) Nitrobenzene-d5	7.334	82	573354	68.057	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	179968	84.910	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1004536	71.059	ng	0.00
79) Terphenyl-d14	12.886	244	843557	62.520	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	141225	43.673	ng	99
3) Pyridine	3.328	79	349614	40.171	ng	97
4) n-Nitrosodimethylamine	3.299	42	228022	49.373	ng	95
6) Aniline	6.434	93	419490	34.106	ng	# 82
8) 2-Chlorophenol	6.551	128	402740	51.145	ng	97
9) Benzaldehyde	6.316	77	149415	27.963	ng	96
10) Phenol	6.428	94	463344	45.050	ng	81
11) bis(2-Chloroethyl)ether	6.504	93	380342	49.299	ng	97
12) 1,3-Dichlorobenzene	6.704	146	406741	50.826	ng	99
13) 1,4-Dichlorobenzene	6.781	146	413731	50.815	ng	98
14) 1,2-Dichlorobenzene	6.934	146	388394	51.368	ng	98
15) Benzyl Alcohol	6.916	79	347576	51.641	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	709439	48.785	ng	90
17) 2-Methylphenol	7.028	107	309949	44.604	ng	96
18) Hexachloroethane	7.269	117	151371	50.317	ng	93
19) n-Nitroso-di-n-propyla...	7.186	70	264832	45.584	ng	96
20) 3+4-Methylphenols	7.181	107	362517	43.385	ng	92
22) Acetophenone	7.175	105	521018	49.790	ng	# 97
24) Nitrobenzene	7.351	77	414291	49.754	ng	98
25) Isophorone	7.592	82	765582	49.489	ng	99
26) 2-Nitrophenol	7.663	139	197415	49.398	ng	97
27) 2,4-Dimethylphenol	7.710	122	316180	47.068	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	465416	50.266	ng	100
29) 2,4-Dichlorophenol	7.910	162	305592	49.095	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	336778	51.764	ng	99
31) Naphthalene	8.069	128	1088312	48.939	ng	100
32) Benzoic acid	7.833	122	157112m	31.060	ng	
33) 4-Chloroaniline	8.122	127	323745	33.181	ng	99
34) Hexachlorobutadiene	8.181	225	201555	51.377	ng	99
35) Caprolactam	8.504	113	92552m	44.303	ng	
36) 4-Chloro-3-methylphenol	8.610	107	317554	45.902	ng	97
37) 2-Methylnaphthalene	8.757	142	690005	46.159	ng	99
38) 1-Methylnaphthalene	8.857	142	652608	46.630	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	330634	53.509	ng	100
41) Hexachlorocyclopentadiene	8.904	237	132403	51.526	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	199621	49.342	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	203379	43.653	ng	97
46) 1,1'-Biphenyl	9.228	154	849386	51.822	ng	98
47) 2-Chloronaphthalene	9.251	162	633296	53.253	ng	98
48) 2-Nitroaniline	9.351	65	239174	51.768	ng	95
49) Acenaphthylene	9.669	152	1013377	51.274	ng	99
50) Dimethylphthalate	9.533	163	758943	52.631	ng	99
51) 2,6-Dinitrotoluene	9.598	165	164280	52.004	ng	89
52) Acenaphthene	9.839	154	582431	49.885	ng	98
53) 3-Nitroaniline	9.769	138	161471	43.545	ng	96
54) 2,4-Dinitrophenol	9.875	184	34343	23.902	ng	# 88
55) Dibenzofuran	10.010	168	855853	48.036	ng	99
56) 4-Nitrophenol	9.939	139	179419	76.132	ng	97
57) 2,4-Dinitrotoluene	10.004	165	186175	47.076	ng	91
58) Fluorene	10.357	166	633882	46.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	151997	42.411	ng	98
60) Diethylphthalate	10.233	149	735160	50.799	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	308320	46.861	ng	96
62) 4-Nitroaniline	10.386	138	146185	41.012	ng	95
63) Azobenzene	10.510	77	646747	45.663	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	30912	17.117	ng	84
66) n-Nitrosodiphenylamine	10.469	169	577376	56.090	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	187950	55.579	ng	100
68) Hexachlorobenzene	10.904	284	194024	56.318	ng	98
69) Atrazine	11.004	200	168911	60.984	ng	99
70) Pentachlorophenol	11.098	266	126160	61.206	ng	96
71) Phenanthrene	11.322	178	825607	51.340	ng	99
72) Anthracene	11.369	178	847528	51.273	ng	99
73) Carbazole	11.533	167	744737	49.493	ng	99
74) Di-n-butylphthalate	11.863	149	1024765	57.795	ng	100
75) Fluoranthene	12.510	202	832163	49.663	ng	99
77) Benzidine	12.639	184	226879	52.946	ng	98
78) Pyrene	12.745	202	843249	42.345	ng	99
80) Butylbenzylphthalate	13.368	149	359333	51.250	ng	96
81) Benzo(a)anthracene	13.939	228	673138	49.839	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	220215	52.200	ng	# 99
83) Chrysene	13.980	228	655262	48.797	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	442443	61.494	ng	99
85) Di-n-octyl phthalate	14.551	149	795178	69.545	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	595045	40.571	ng	99
88) Benzo(b)fluoranthene	14.992	252	653041	53.929	ng	99
89) Benzo(k)fluoranthene	15.021	252	630108	52.676	ng	98
90) Benzo(a)pyrene	15.357	252	553508	47.932	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	494890	41.239	ng	99
92) Benzo(g,h,i)perylene	17.345	276	464353	37.050	ng	100

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

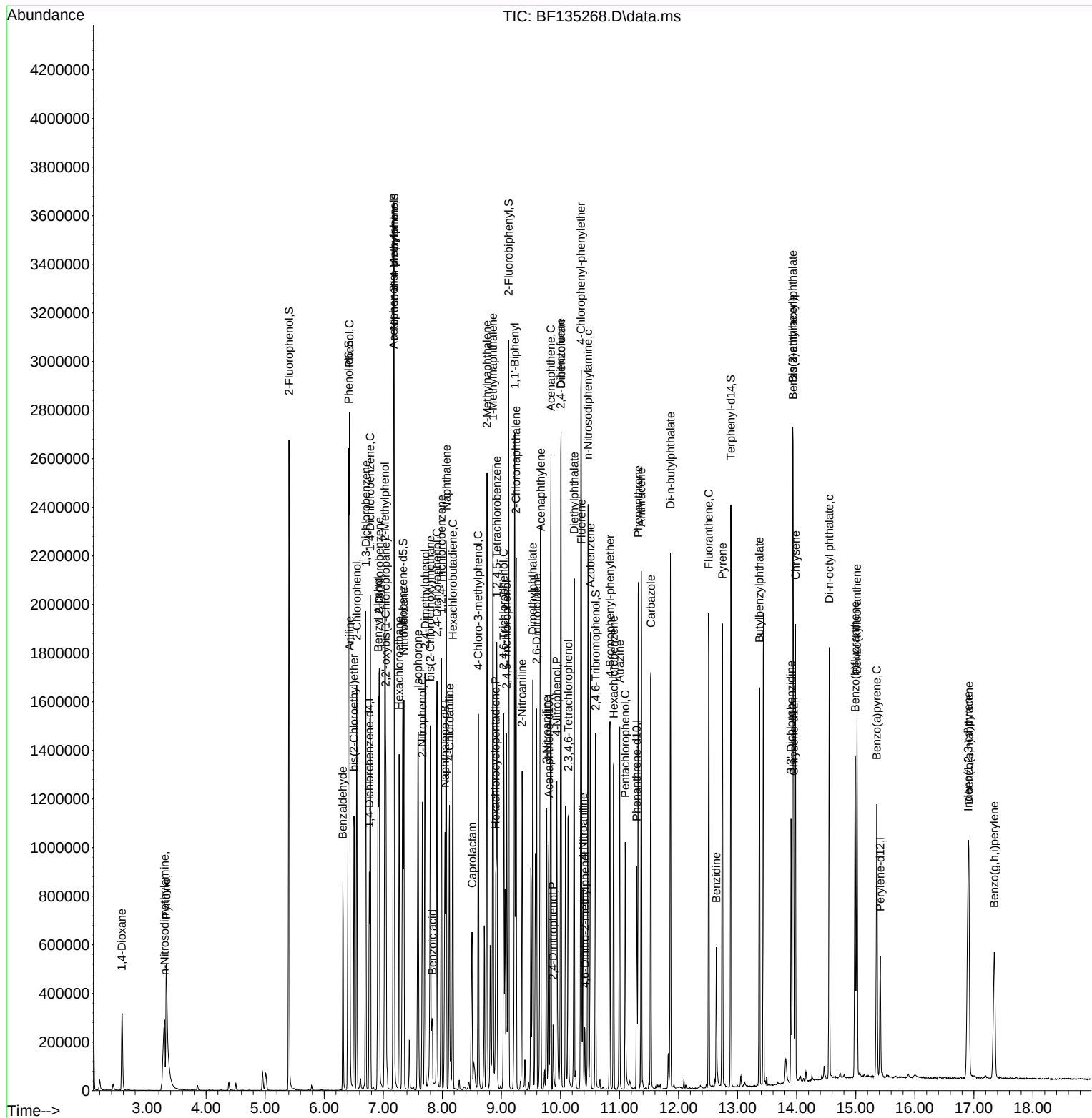
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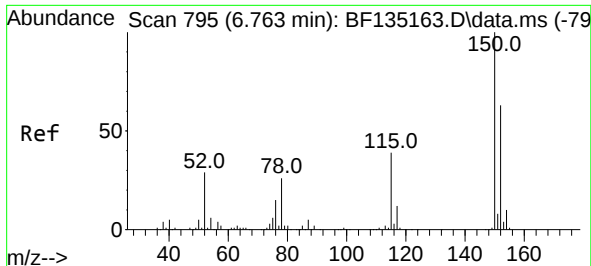
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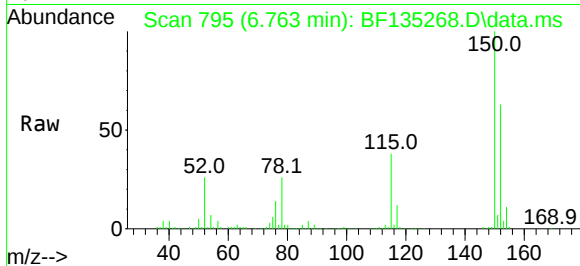
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

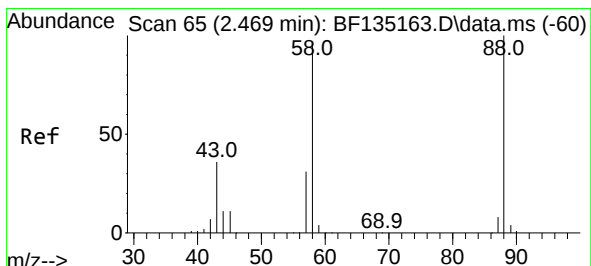
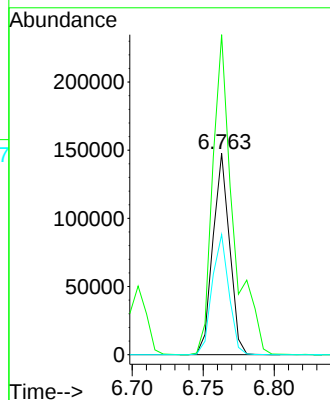
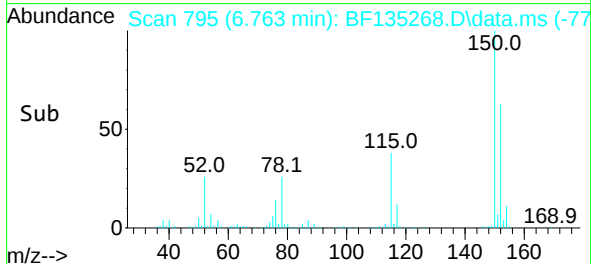
Instrument :
BNA_F
ClientSampleId :
SB-2MS



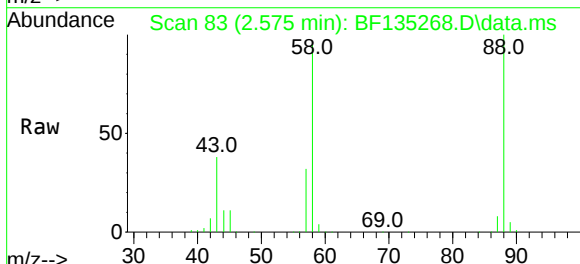
Tgt Ion:152 Resp: 119974
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 59.7 49.8 74.8

Manual Integrations
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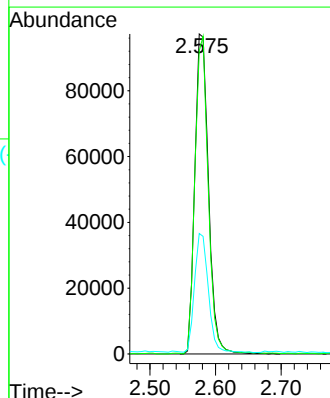
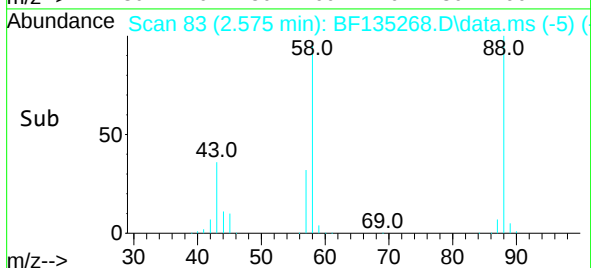
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#2
1,4-Dioxane
Concen: 43.673 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.106 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



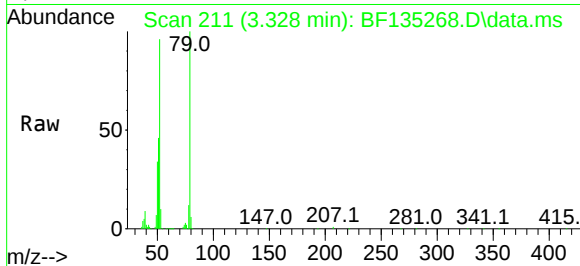
Tgt Ion: 88 Resp: 141225
Ion Ratio Lower Upper
88 100
58 96.4 78.3 117.5
43 37.5 29.4 44.0





#3
Pyridine
Concen: 40.171 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

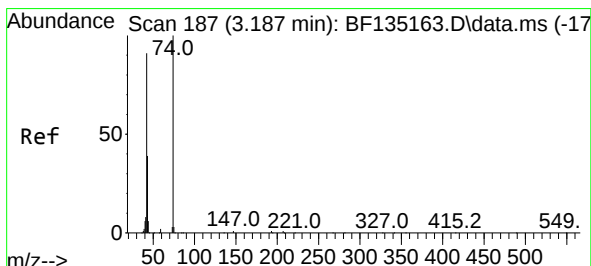
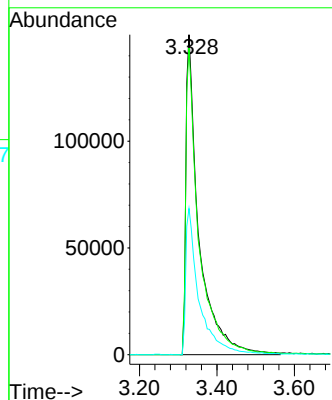
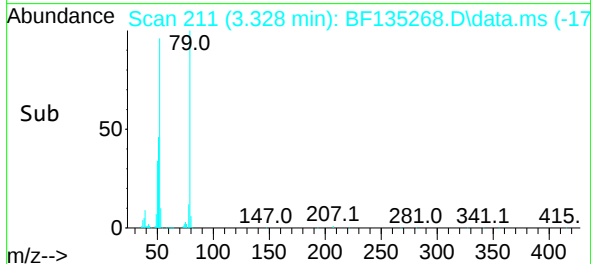
Instrument :
BNA_F
ClientSampleId :
SB-2MS



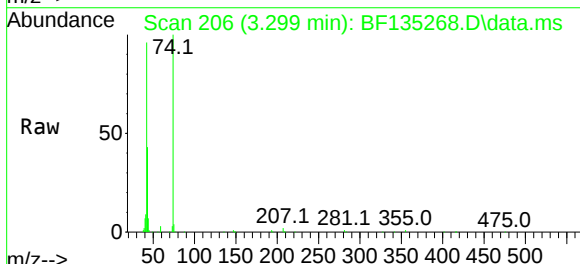
Tgt Ion: 79 Resp: 349614
Ion Ratio Lower Upper
79 100
52 95.9 74.1 111.1
51 45.7 35.8 53.8

Manual Integrations
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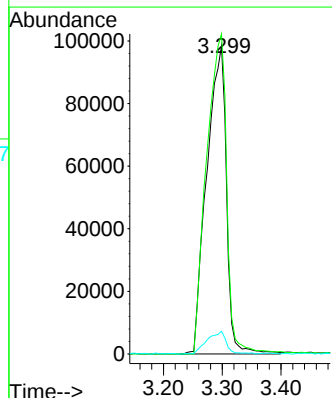
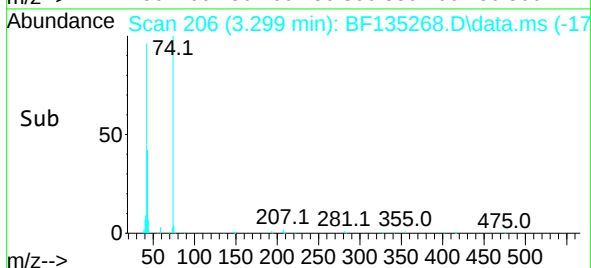
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Supervised By :mohammad ahmed 09/15/2023

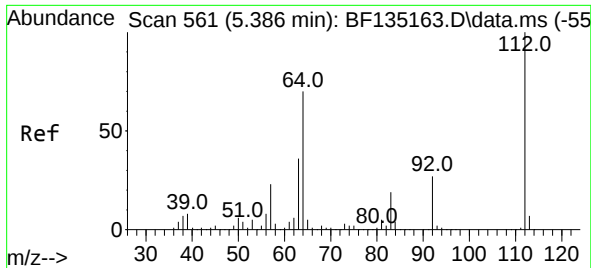


#4
n-Nitrosodimethylamine
Concen: 49.373 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.112 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



Tgt Ion: 42 Resp: 228022
Ion Ratio Lower Upper
42 100
74 103.8 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 97.948 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

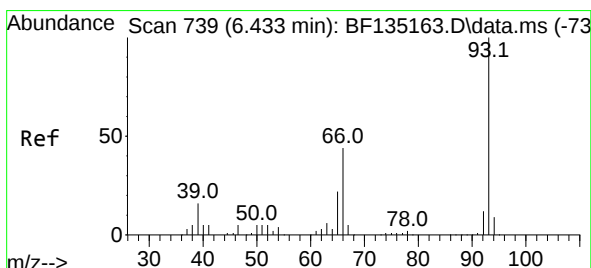
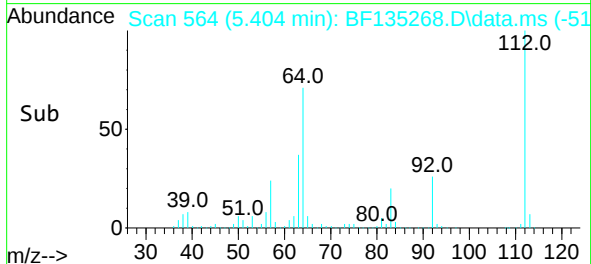
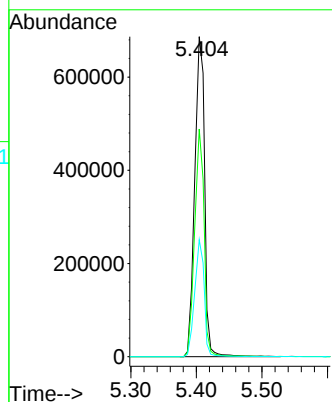
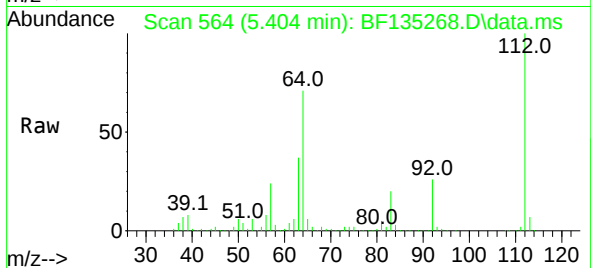
SB-2MS

Tgt Ion:112 Resp: 72250
Ion Ratio Lower Upper
112 100
64 71.1 55.9 83.9
63 36.6 29.0 43.6

Manual Integrations

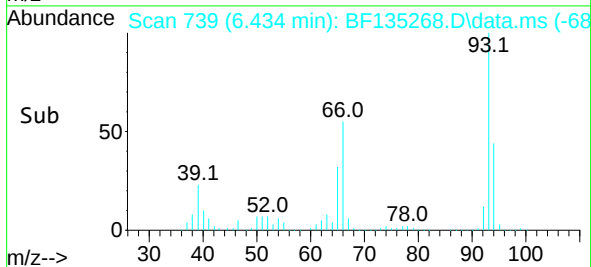
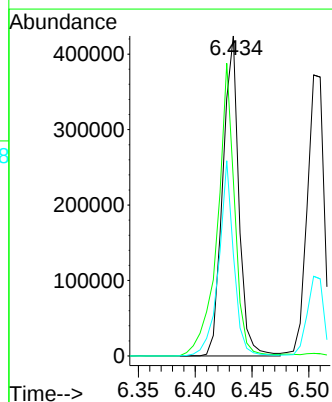
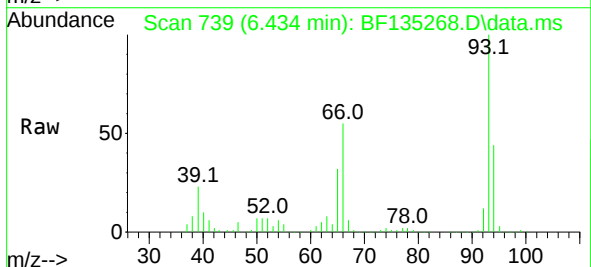
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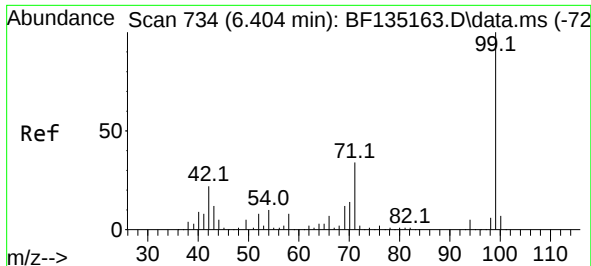
Reviewed By :Yogesh Patel 09/15/2023
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#6
Aniline
Concen: 34.106 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion: 93 Resp: 419490
Ion Ratio Lower Upper
93 100
66 55.1 35.4 53.0#
65 32.0 17.8 26.8#





#7

Phenol-d6

Concen: 97.341 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

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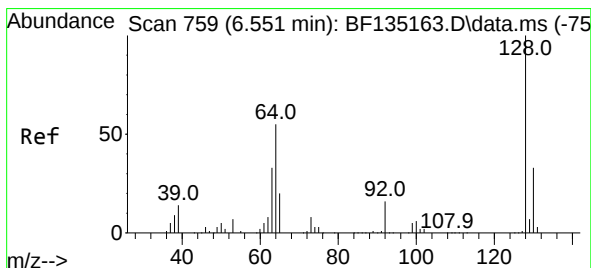
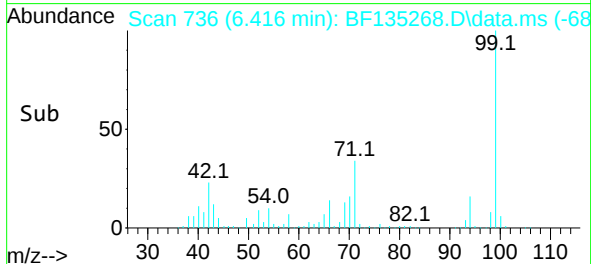
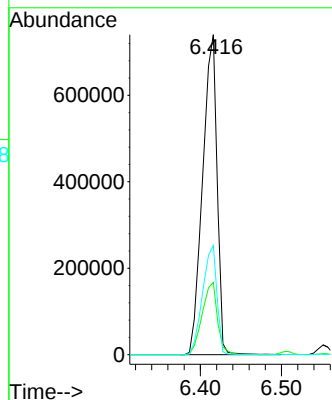
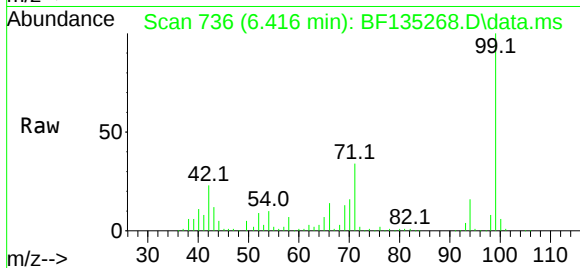
Tgt Ion: 99 Resp: 91301
 Ion Ratio Lower Upper
 99 100
 42 22.6 17.9 26.9
 71 34.1 27.0 40.6

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#8

2-Chlorophenol

Concen: 51.145 ng

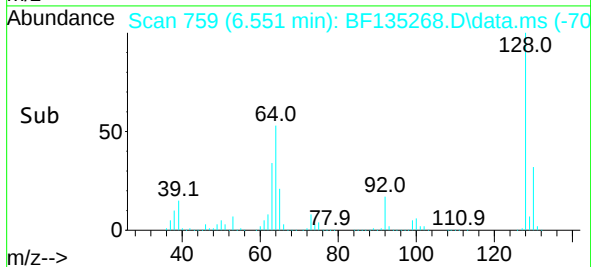
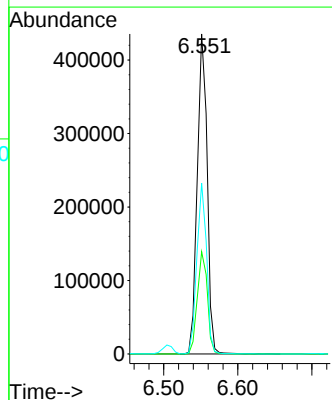
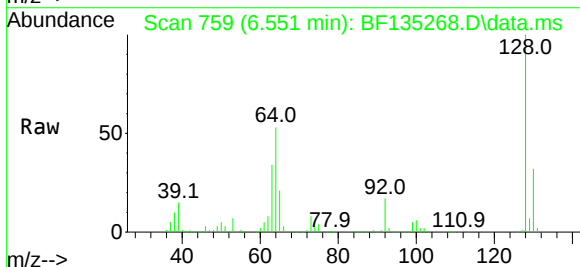
RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

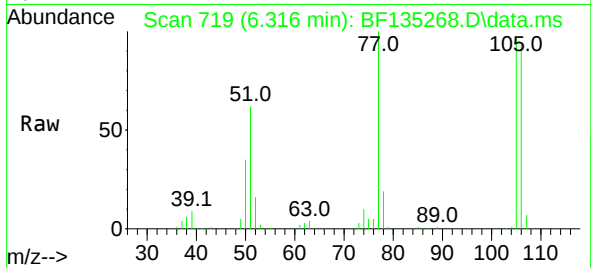
Tgt Ion:128 Resp: 402740
 Ion Ratio Lower Upper
 128 100
 130 32.0 12.7 52.7
 64 53.4 35.9 75.9





#9
Benzaldehyde
Concen: 27.963 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135268.D
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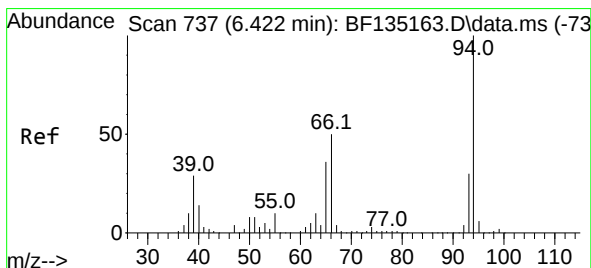
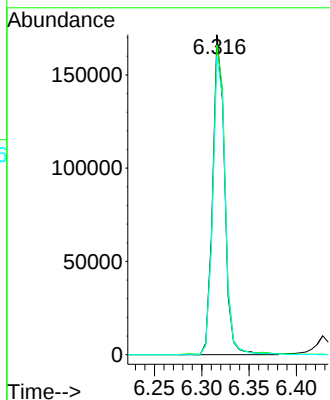
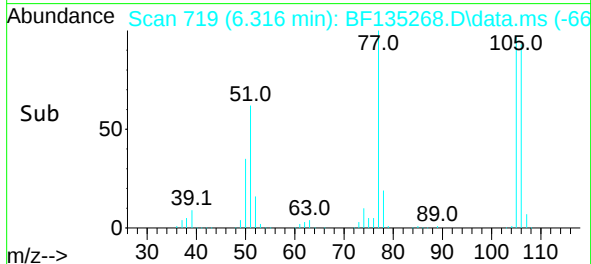
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Tgt Ion: 77 Resp: 149415
Ion Ratio Lower Upper
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105 96.7 81.4 121.4
106 93.0 76.9 116.9

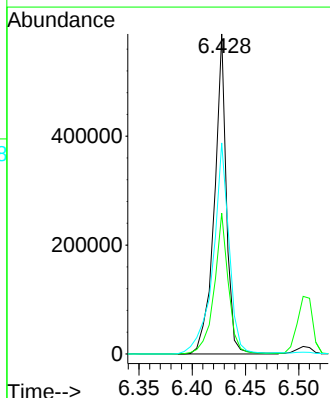
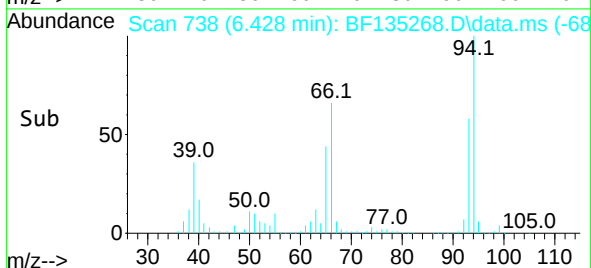
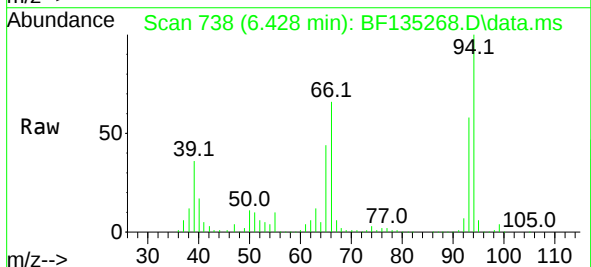
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#10
Phenol
Concen: 45.050 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion: 94 Resp: 463344
Ion Ratio Lower Upper
94 100
65 44.0 15.9 55.9
66 66.0 29.8 69.8





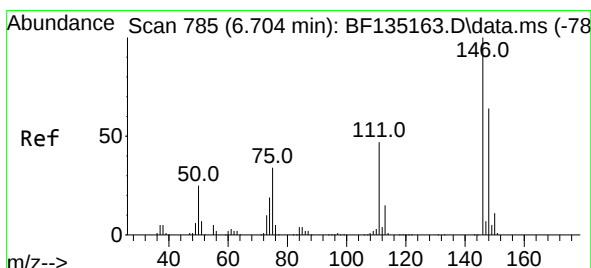
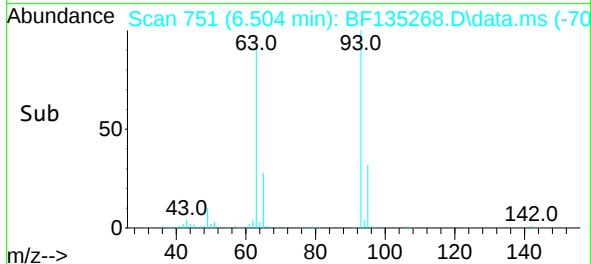
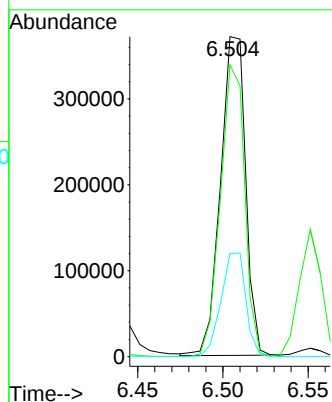
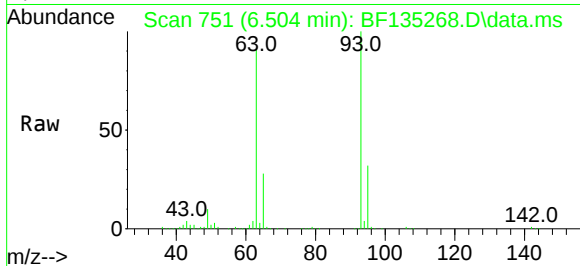
#11
bis(2-Chloroethyl)ether
Concen: 49.299 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion: 93 Resp: 38034
Ion Ratio Lower Upper
93 100
63 91.1 67.3 107.3
95 32.2 12.7 52.7

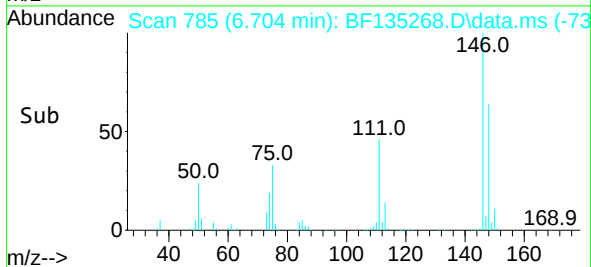
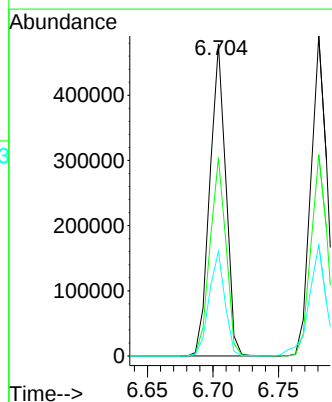
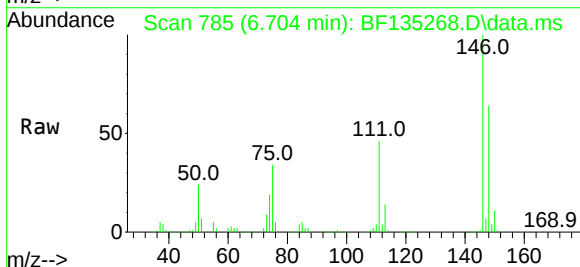
Manual Integrations
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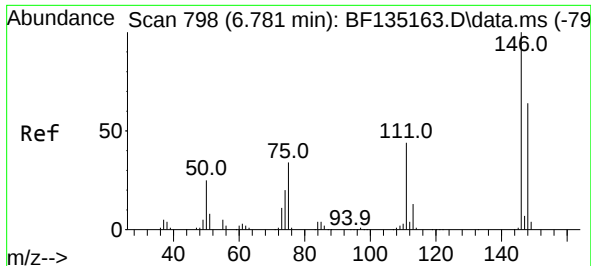
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
1,3-Dichlorobenzene
Concen: 50.826 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:146 Resp: 406741
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.815 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:146 Resp: 41373

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

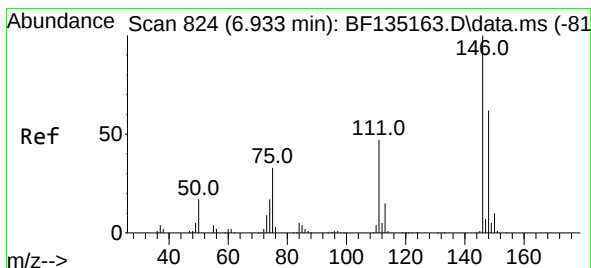
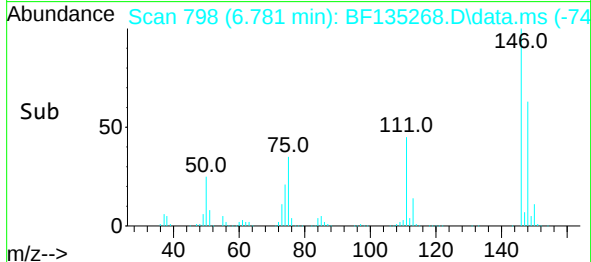
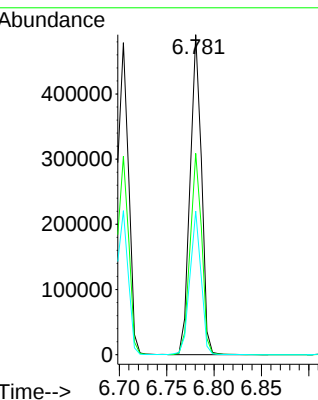
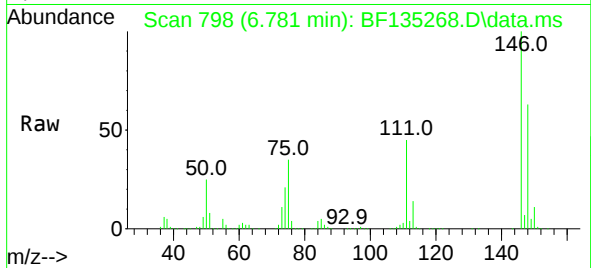
111 44.9 35.1 52.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#14

1,2-Dichlorobenzene

Concen: 51.368 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

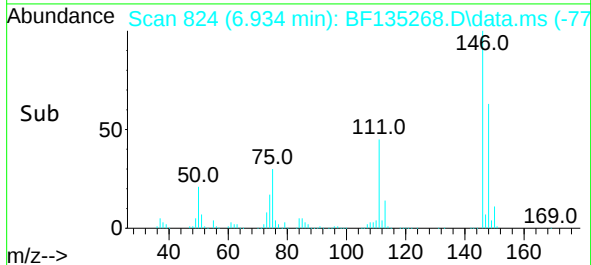
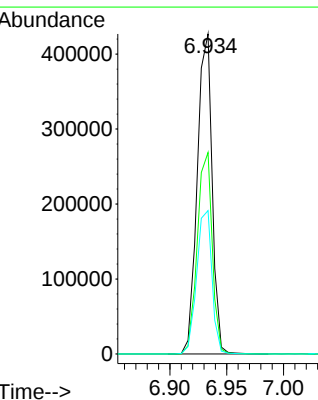
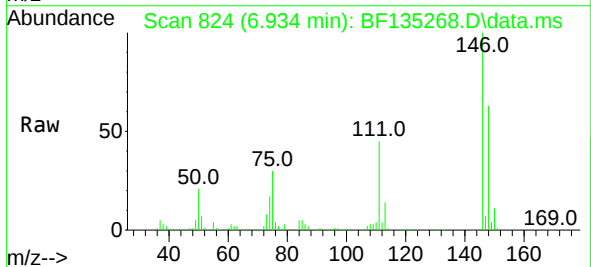
Tgt Ion:146 Resp: 388394

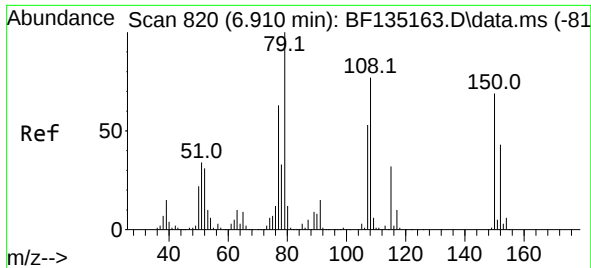
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

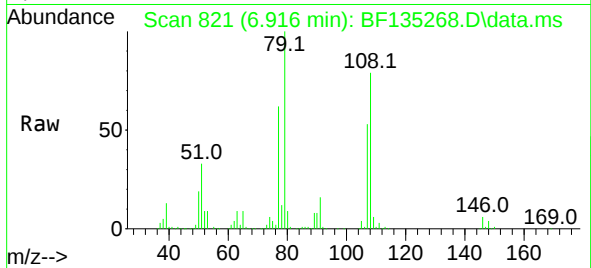
111 44.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 51.641 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

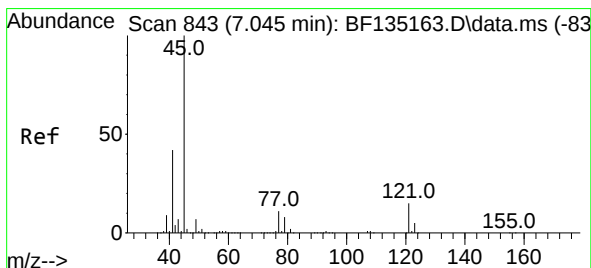
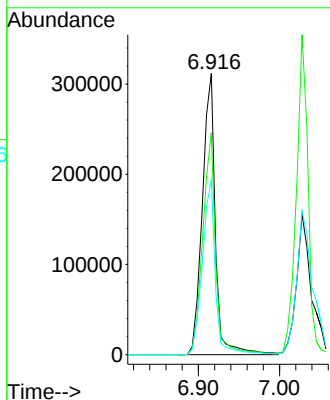
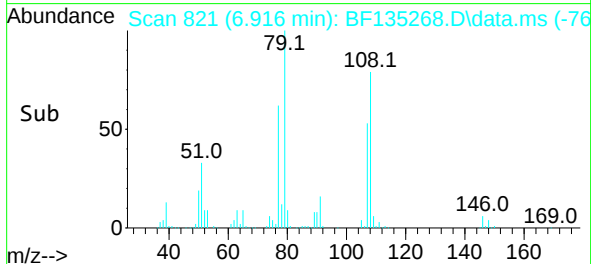
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion: 79 Resp: 347570
Ion Ratio Lower Upper
79 100
108 78.9 61.2 91.8
77 62.1 50.5 75.7

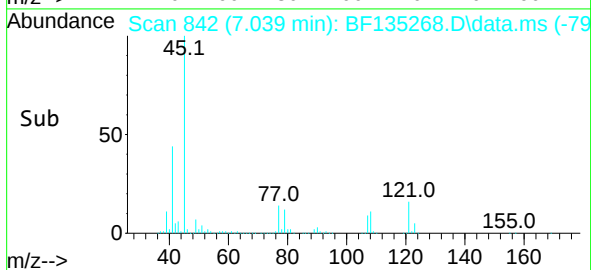
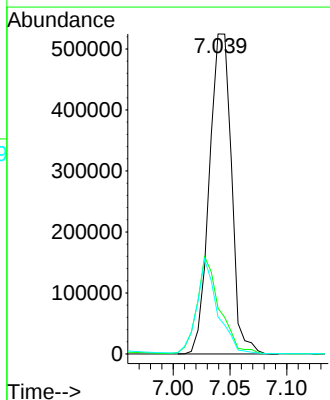
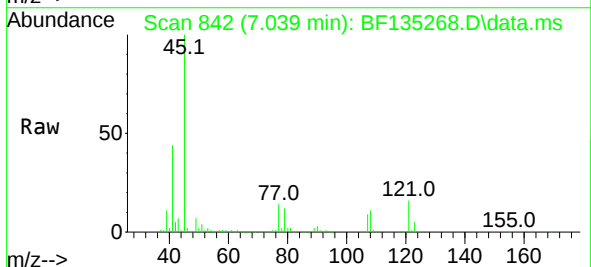
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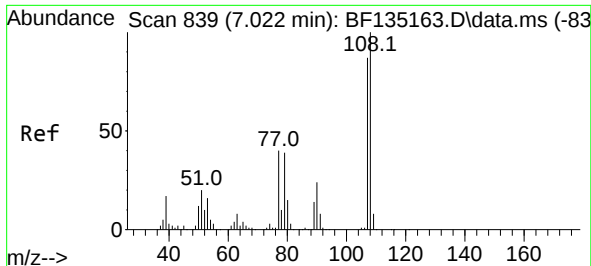
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.785 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

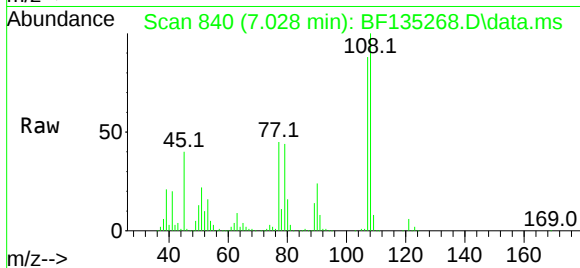
Tgt Ion: 45 Resp: 709439
Ion Ratio Lower Upper
45 100
77 14.3 0.0 30.6
79 11.6 0.0 28.3





#17
2-Methylphenol
Concen: 44.604 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

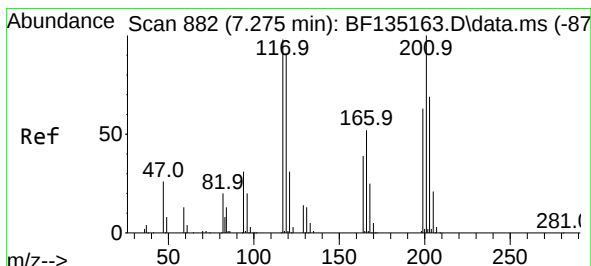
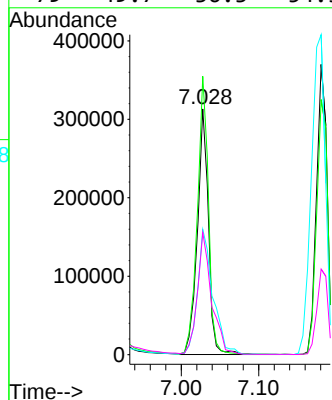
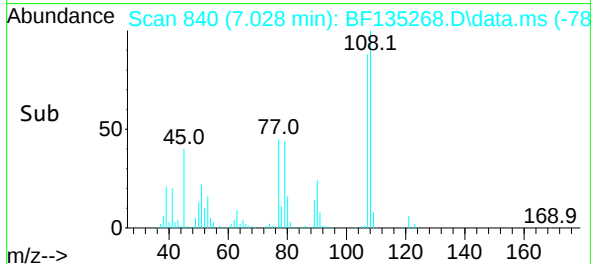
Instrument :
BNA_F
ClientSampleId :
SB-2MS



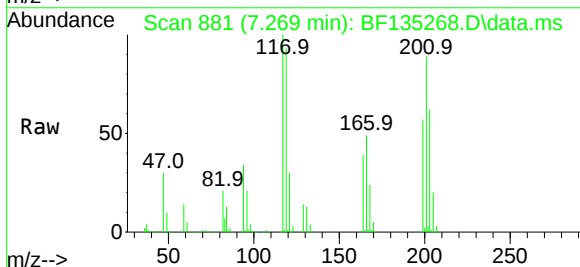
Tgt Ion:107 Resp: 309949
Ion Ratio Lower Upper
107 100
108 113.3 92.0 138.0
77 51.0 36.7 55.1
79 49.7 36.3 54.5

Manual Integrations
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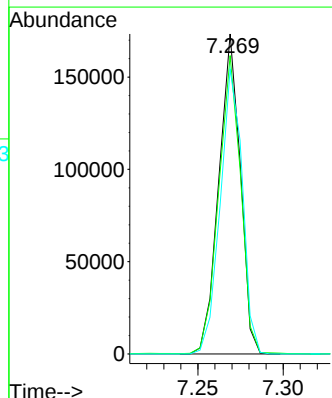
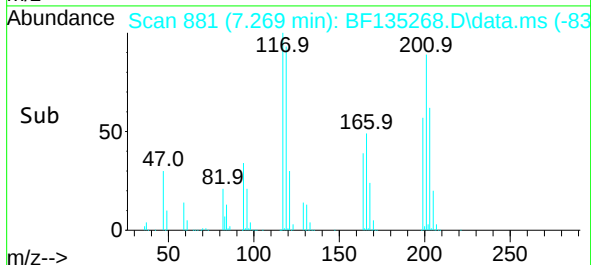
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

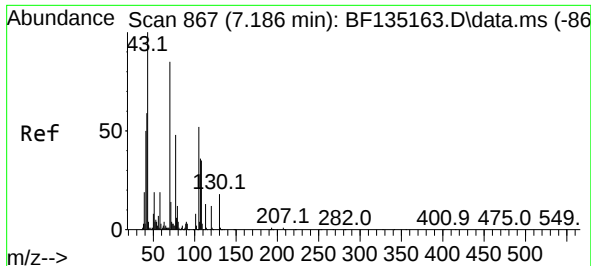


#18
Hexachloroethane
Concen: 50.317 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



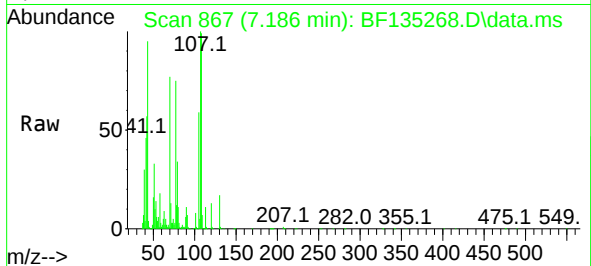
Tgt Ion:117 Resp: 151371
Ion Ratio Lower Upper
117 100
119 93.2 74.7 112.1
201 89.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.584 ng
RT: 7.186 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

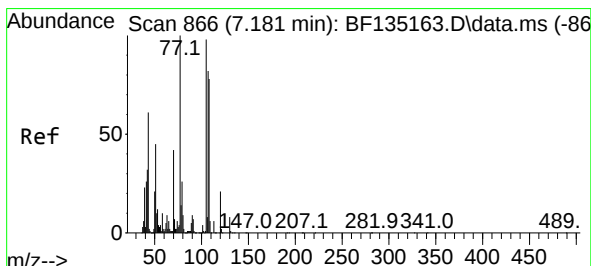
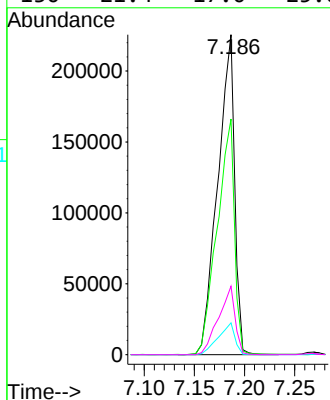
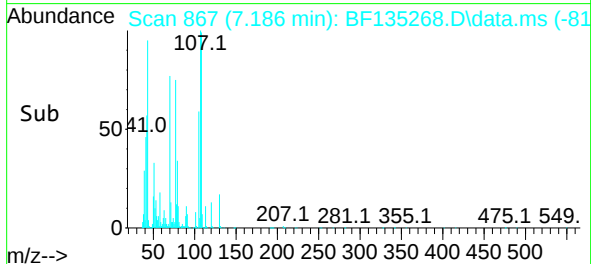
Instrument :
BNA_F
ClientSampleId :
SB-2MS



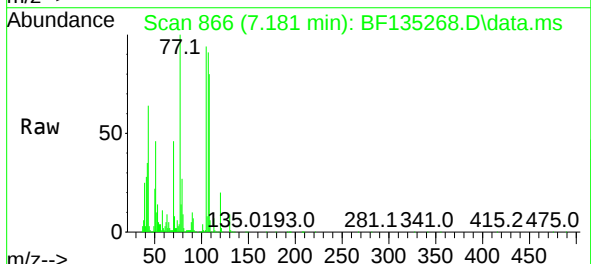
Tgt Ion: 70 Resp: 26483
Ion Ratio Lower Upper
70 100
42 73.7 55.4 83.0
101 9.9 7.7 11.5
130 21.4 17.0 25.6

Manual Integrations
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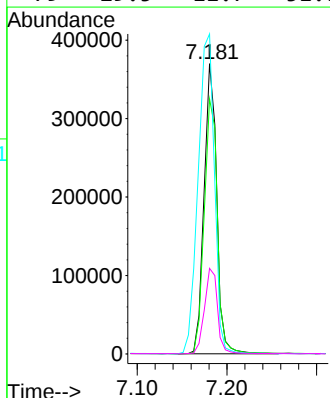
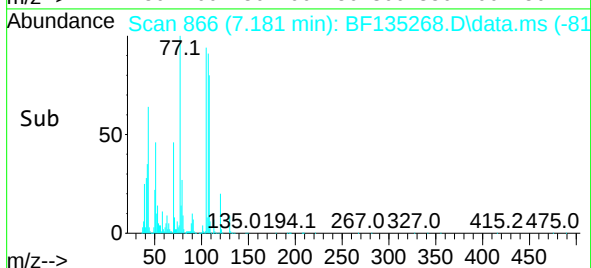
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

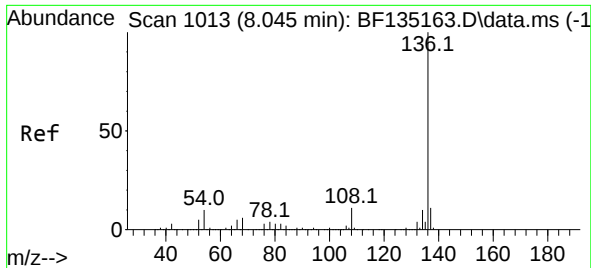


#20
3+4-Methylphenols
Concen: 43.385 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



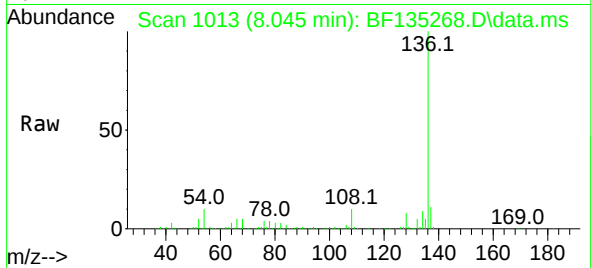
Tgt Ion:107 Resp: 362517
Ion Ratio Lower Upper
107 100
108 87.9 74.7 114.7
77 110.3 102.0 142.0
79 29.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

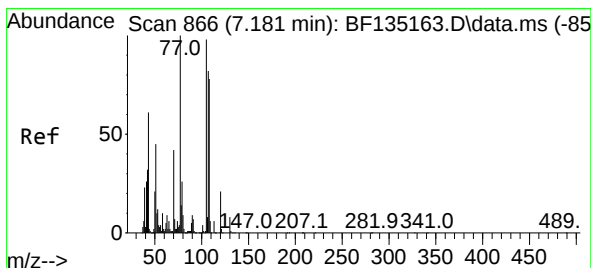
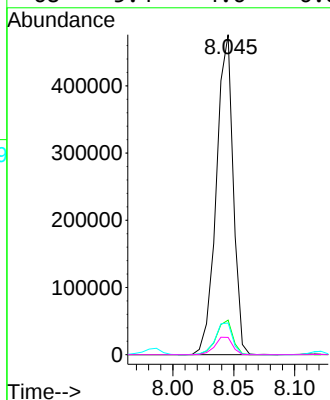
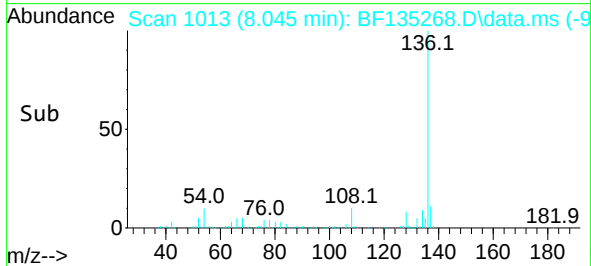
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:136 Resp: 45770
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 7.7 11.5
68 5.4 4.6 6.8

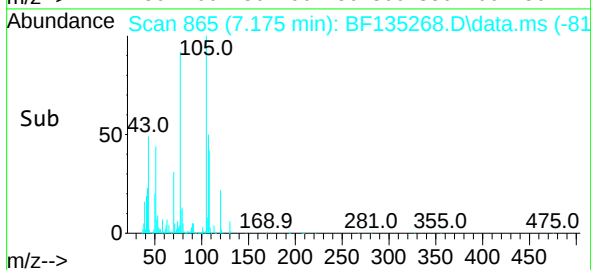
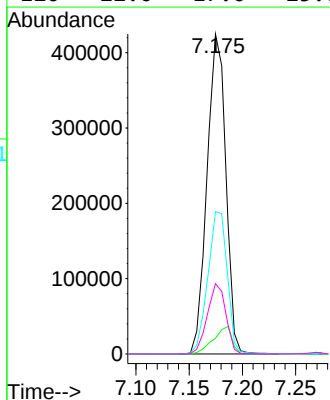
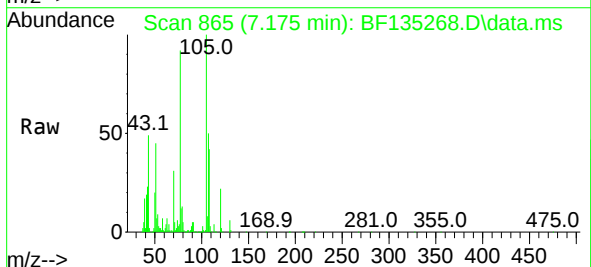
Manual Integrations
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Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#22
Acetophenone
Concen: 49.790 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:105 Resp: 521018
Ion Ratio Lower Upper
105 100
71 4.9 5.8 8.6#
51 44.5 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 68.057 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

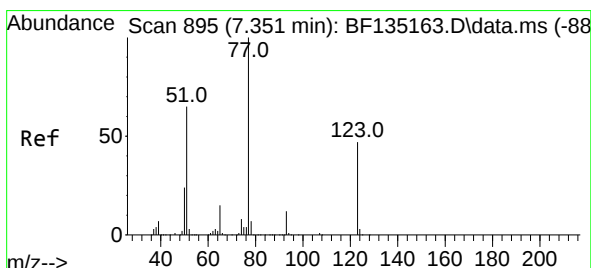
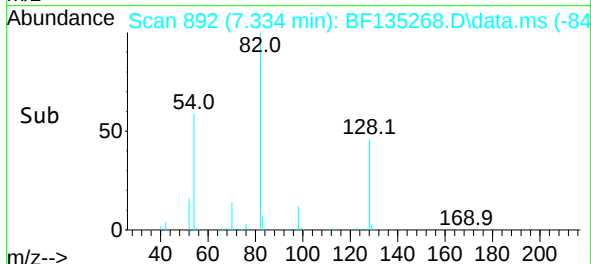
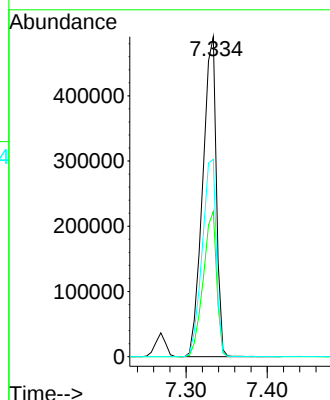
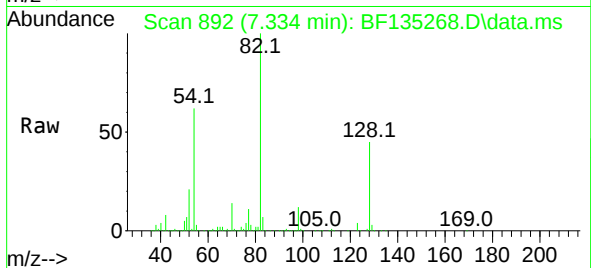
ClientSampleId :

SB-2MS

Tgt Ion: 82 Resp: 573354
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.8 53.6
 54 61.7 50.6 76.0

Manual Integrations
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Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023



#24

Nitrobenzene

Concen: 49.754 ng

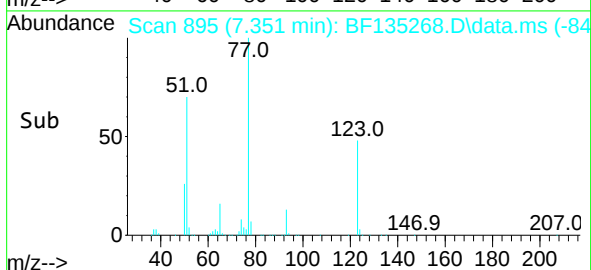
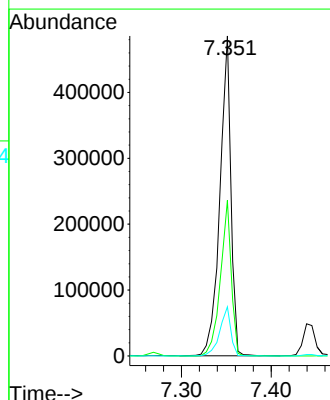
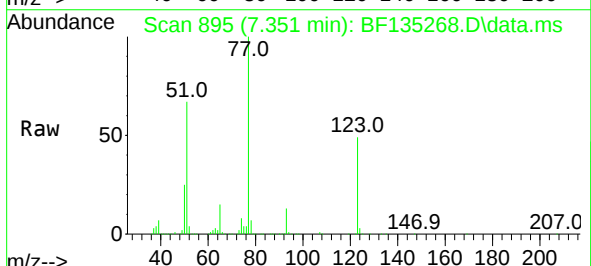
RT: 7.351 min Scan# 895

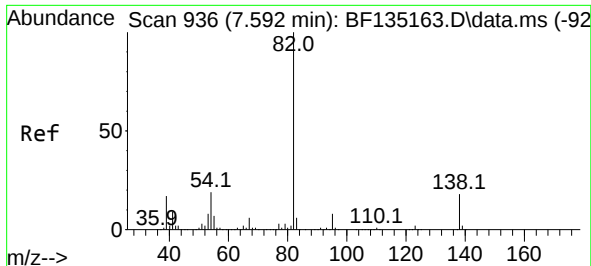
Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

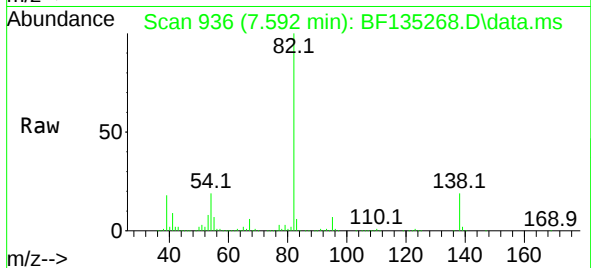
Tgt Ion: 77 Resp: 414291
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.6 56.4
 65 15.3 12.2 18.4





#25
Isophorone
Concen: 49.489 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

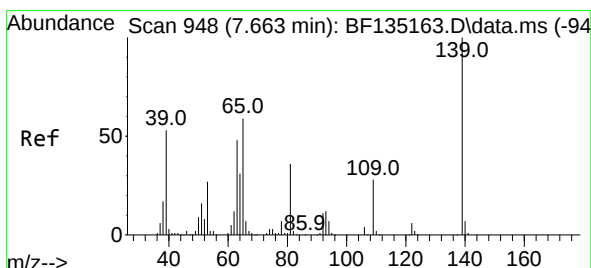
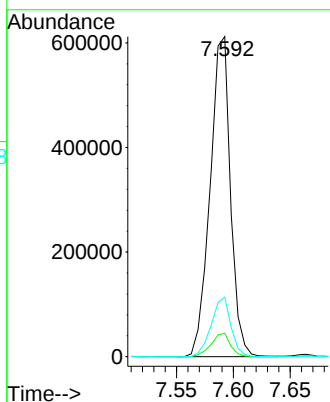
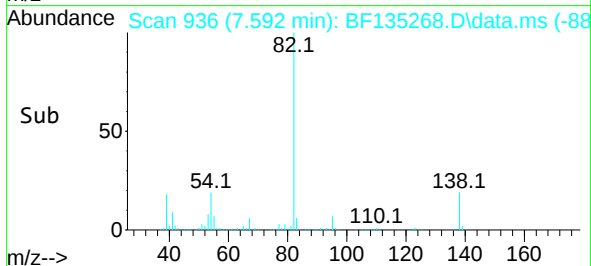
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion: 82 Resp: 76558
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.6 14.5 21.7

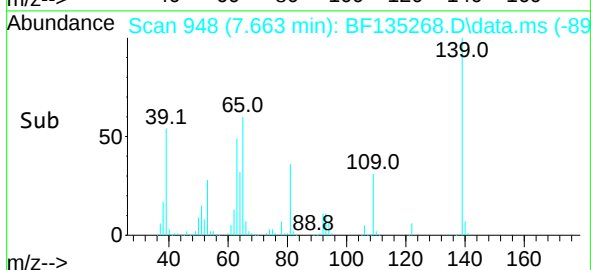
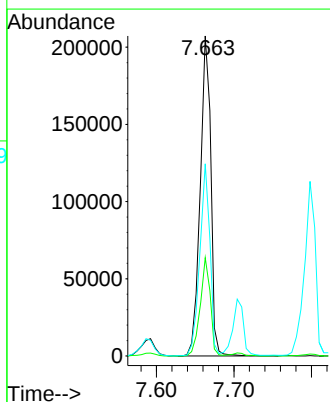
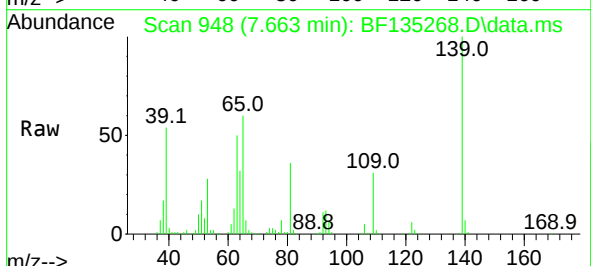
Manual Integrations
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Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#26
2-Nitrophenol
Concen: 49.398 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:139 Resp: 197415
Ion Ratio Lower Upper
139 100
109 30.7 22.6 33.8
65 60.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 47.068 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135268.D

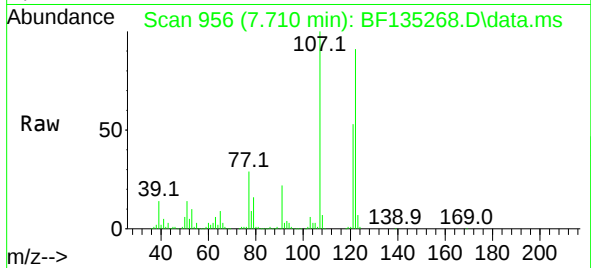
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS



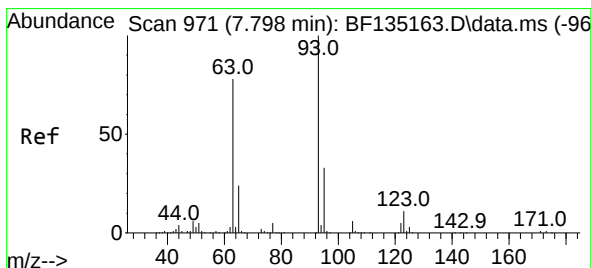
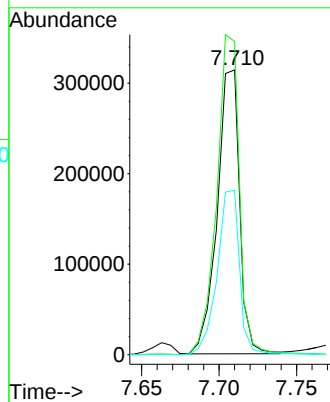
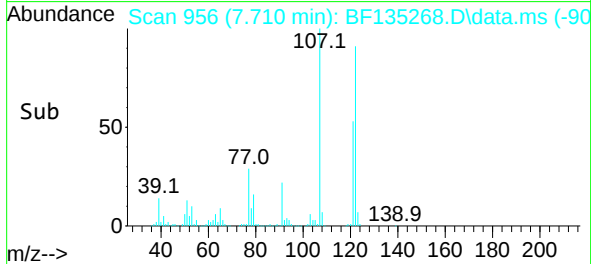
Tgt Ion:	122	Resp:	316180
Ion	Ratio	Lower	Upper
122	100		
107	110.0	90.2	135.4
121	57.8	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 50.266 ng

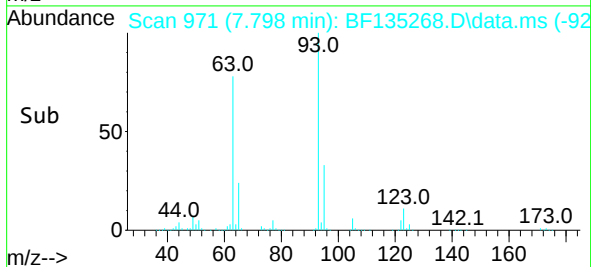
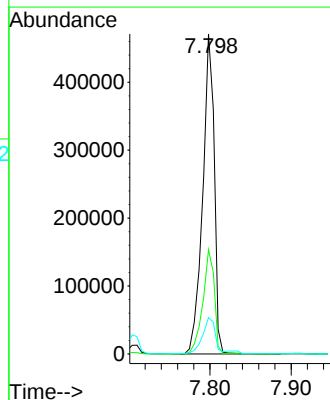
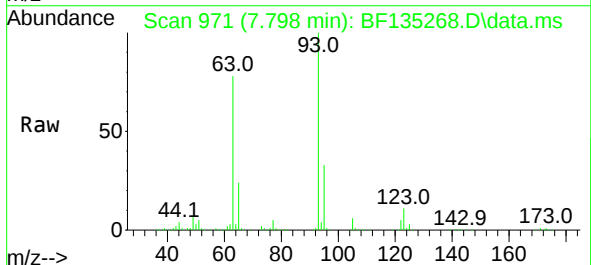
RT: 7.798 min Scan# 971

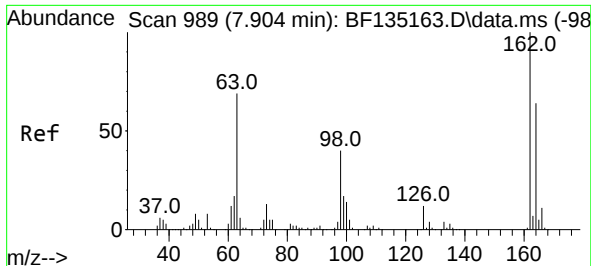
Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Tgt Ion:	93	Resp:	465416
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 49.095 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135268.D

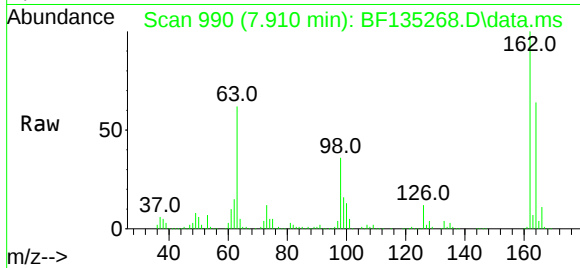
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS



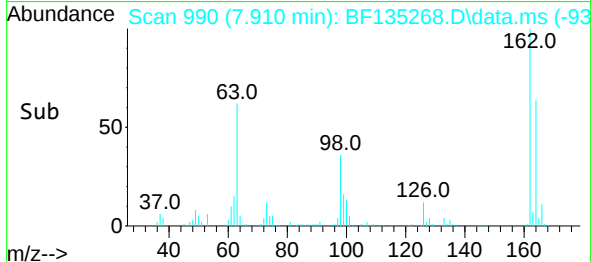
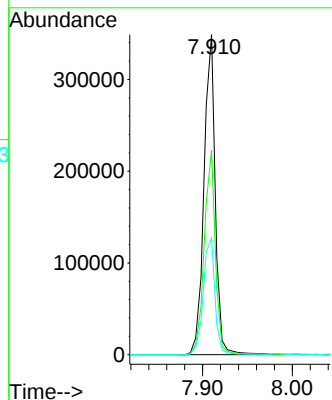
Tgt Ion:	162	Resp:	30559
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.1	84.1
98	36.5	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.764 ng

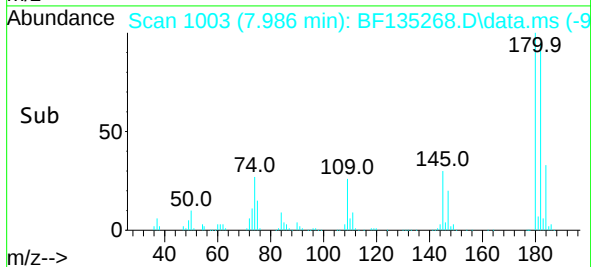
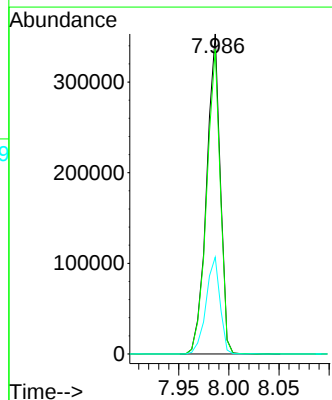
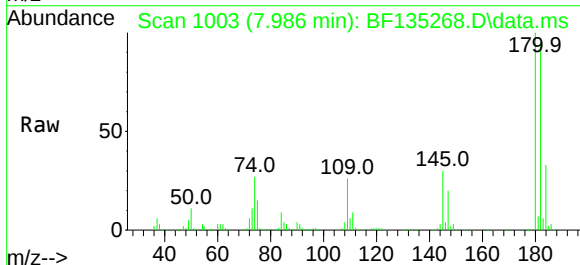
RT: 7.986 min Scan# 1003

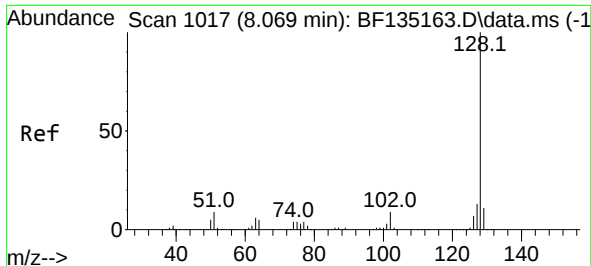
Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

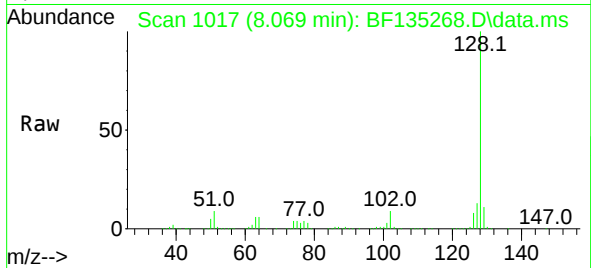
Tgt Ion:	180	Resp:	336778
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.9	115.3
145	30.3	24.5	36.7





#31
Naphthalene
Concen: 48.939 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

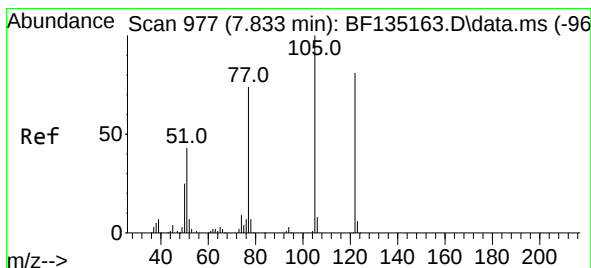
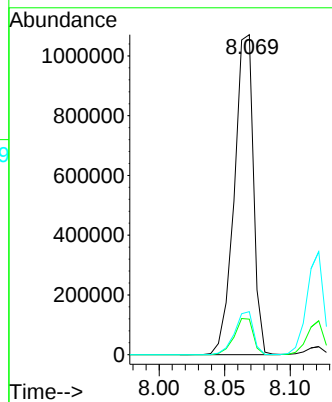
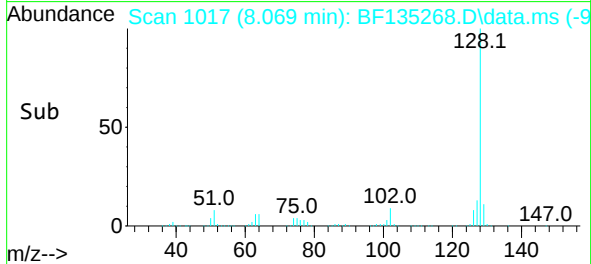
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:128 Resp: 1088312
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.7 16.1

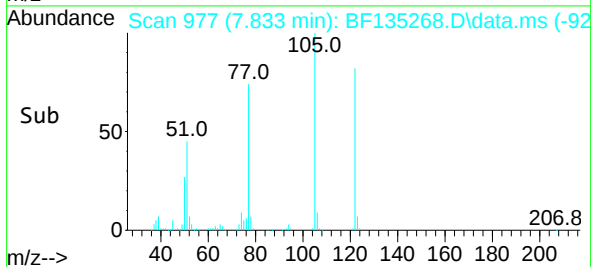
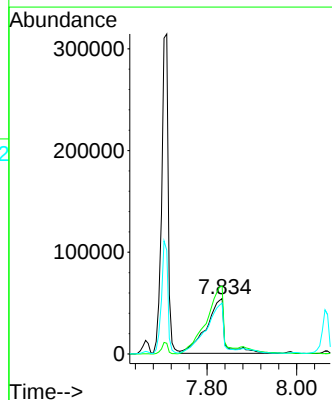
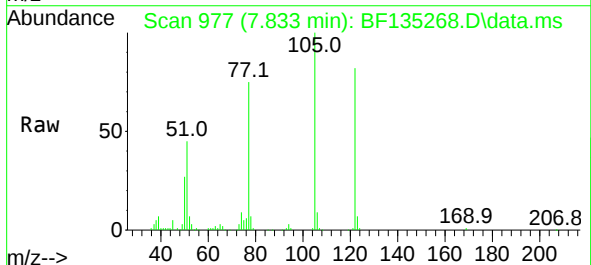
Manual Integrations
APPROVED

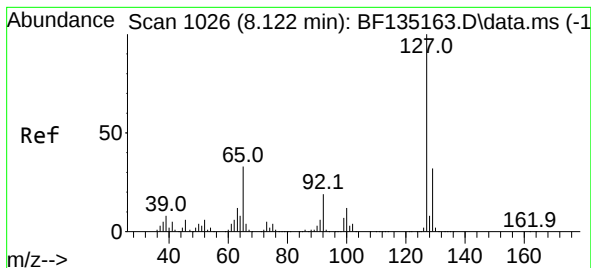
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#32
Benzoic acid
Concen: 31.060 ng m
RT: 7.833 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:122 Resp: 157112
Ion Ratio Lower Upper
122 100
105 122.6 99.9 139.9
77 91.8 70.0 110.0





#33
4-Chloroaniline
Concen: 33.181 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

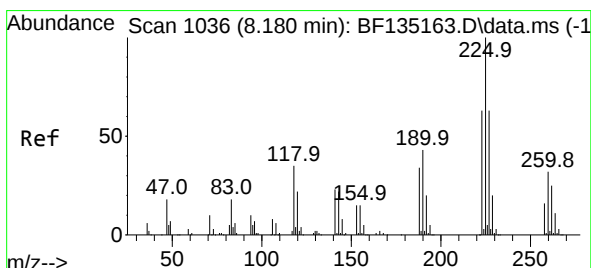
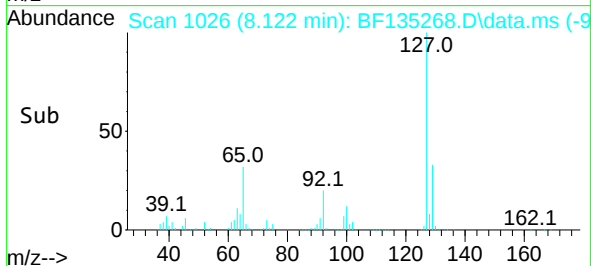
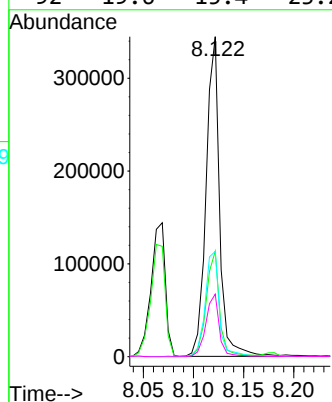
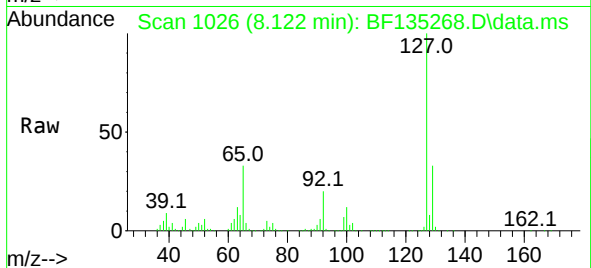
SB-2MS

Tgt Ion:127 Resp: 32374
Ion Ratio Lower Upper
127 100
129 33.0 25.8 38.8
65 32.9 26.6 39.8
92 19.6 15.4 23.2

Manual Integrations

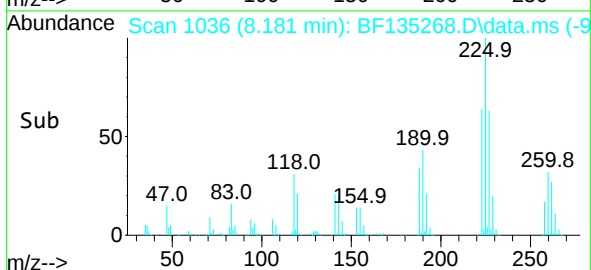
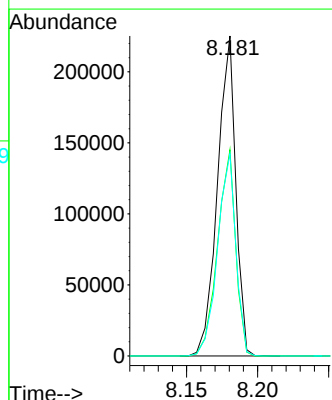
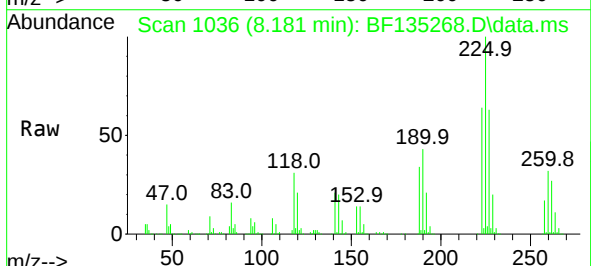
APPROVED

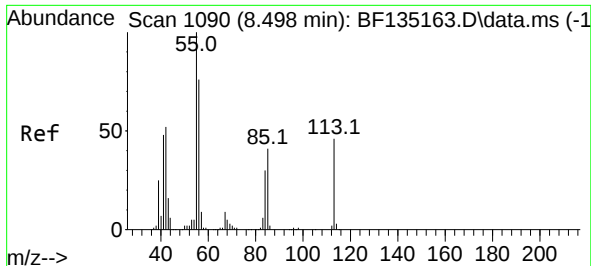
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#34
Hexachlorobutadiene
Concen: 51.377 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:225 Resp: 201555
Ion Ratio Lower Upper
225 100
223 64.4 50.6 75.8
227 63.2 50.8 76.2





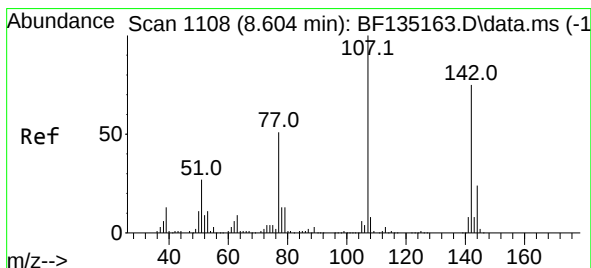
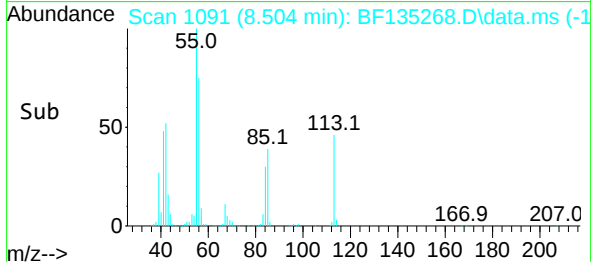
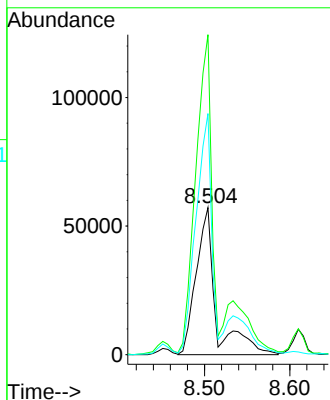
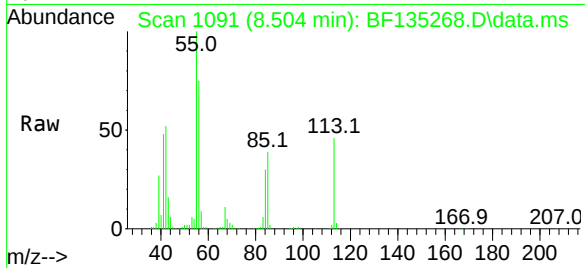
#35
Caprolactam
Concen: 44.303 ng m
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:113 Resp: 92552
Ion Ratio Lower Upper
113 100
55 217.6 199.3 239.3
56 164.0 146.3 186.3

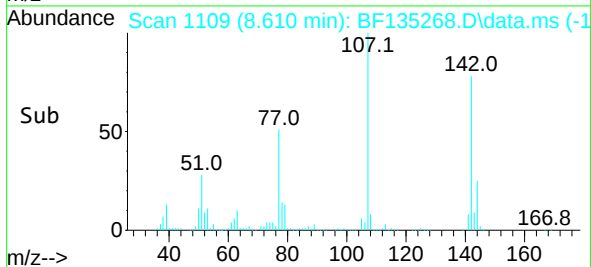
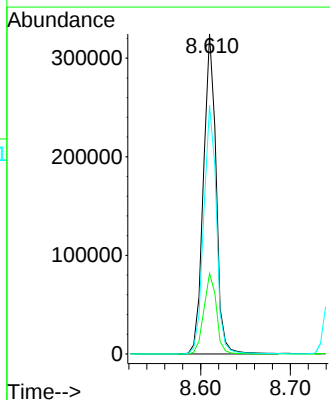
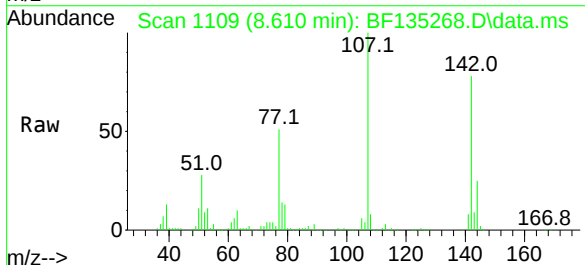
Manual Integrations
APPROVED

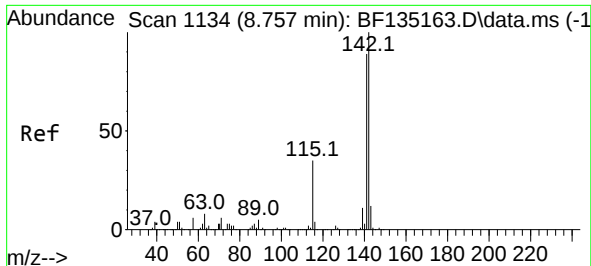
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#36
4-Chloro-3-methylphenol
Concen: 45.902 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:107 Resp: 317554
Ion Ratio Lower Upper
107 100
144 25.2 19.0 28.4
142 77.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.159 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:142 Resp: 690000

Ion Ratio Lower Upper

142 100

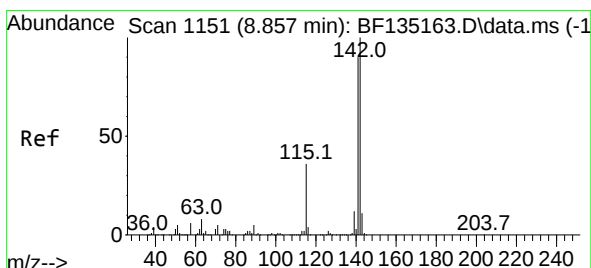
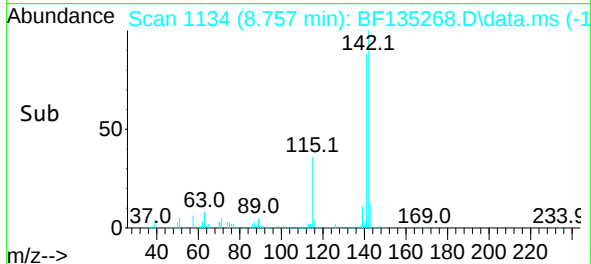
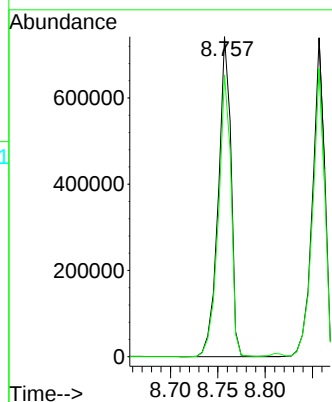
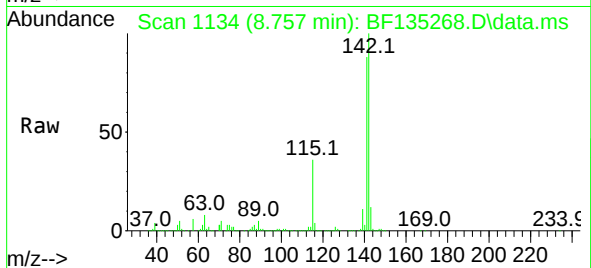
141 88.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#38

1-Methylnaphthalene

Concen: 46.630 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135268.D

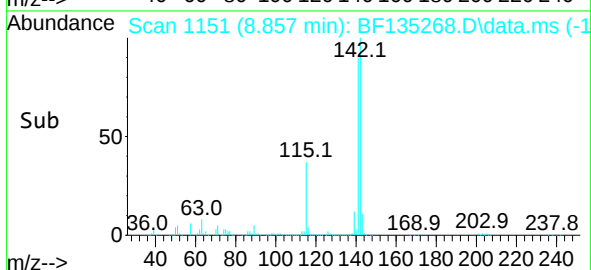
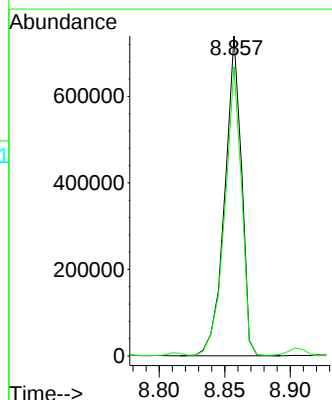
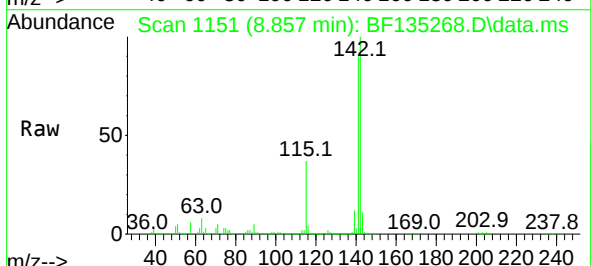
Acq: 14 Sep 2023 22:46

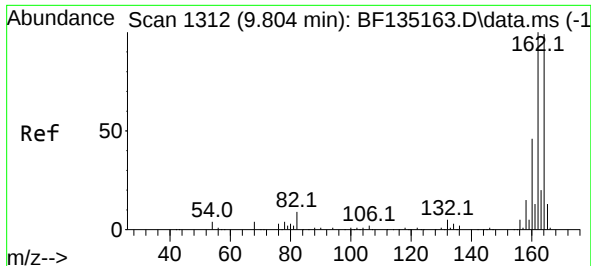
Tgt Ion:142 Resp: 652608

Ion Ratio Lower Upper

142 100

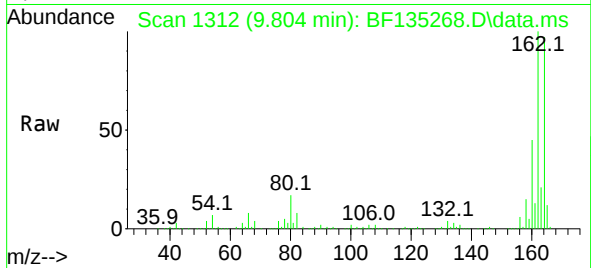
141 90.4 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

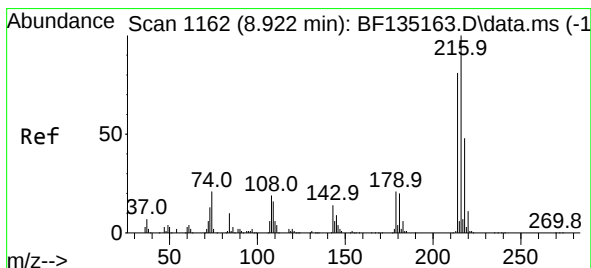
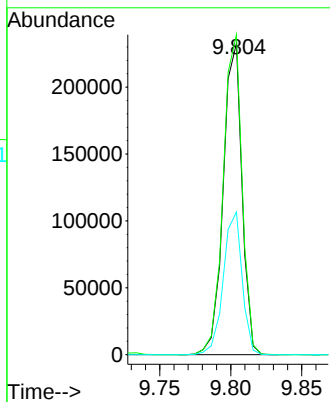
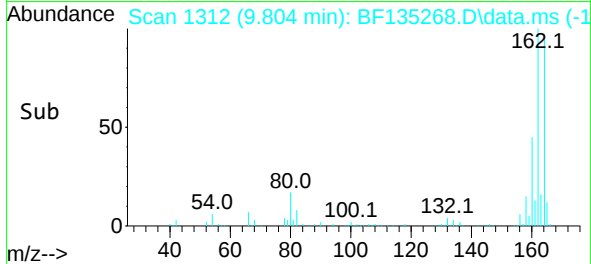
Instrument :
BNA_F
ClientSampleId :
SB-2MS



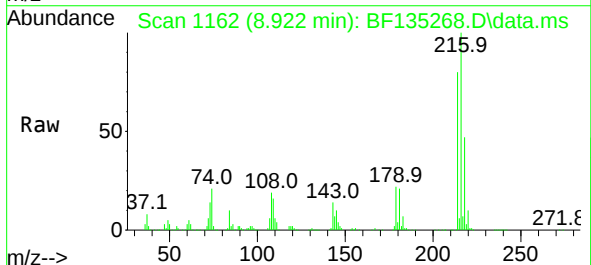
Tgt Ion:164 Resp: 213284
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.4
160 45.9 37.0 55.4

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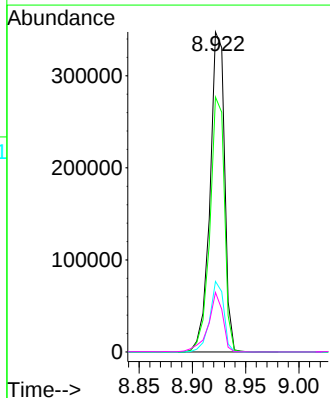
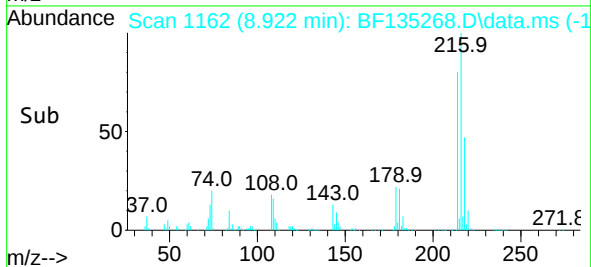
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.509 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



Tgt Ion:216 Resp: 330634
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.1 16.7 25.1
108 18.7 14.9 22.3





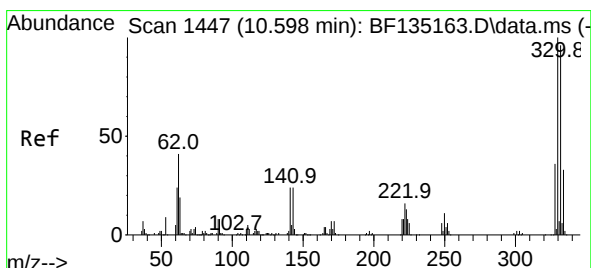
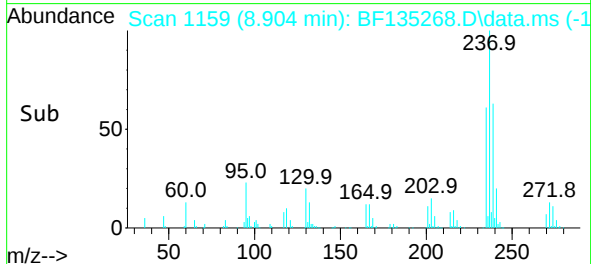
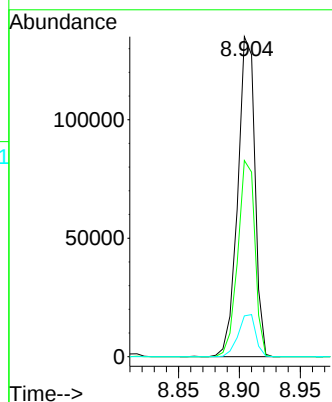
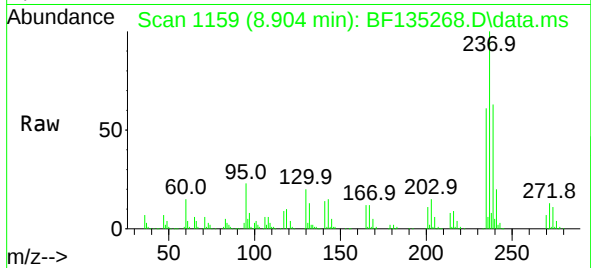
#41
Hexachlorocyclopentadiene
Concen: 51.526 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion: 237 Resp: 132400
Ion Ratio Lower Upper
237 100
235 61.3 41.8 81.8
272 12.8 0.0 33.6

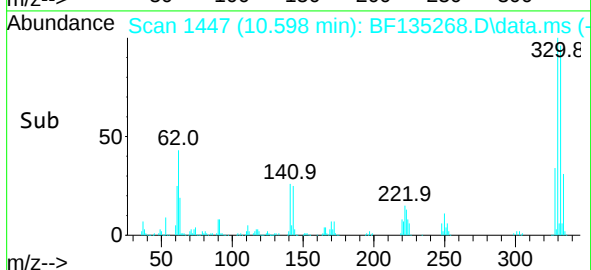
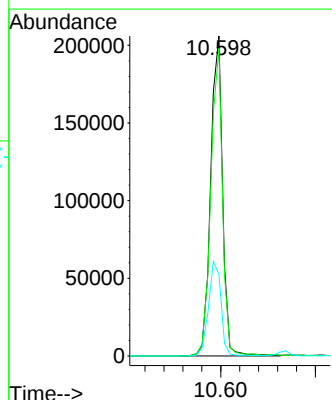
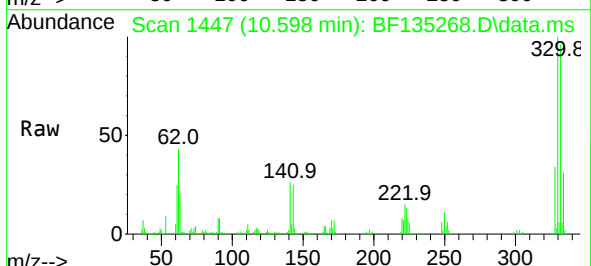
Manual Integrations
APPROVED

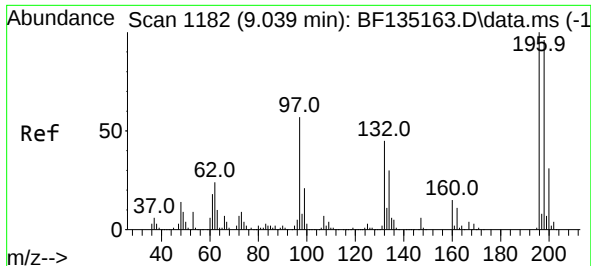
Reviewed By : Yogesh Patel 09/15/2023
Supervised By : mohammad ahmed 09/15/2023



#42
2,4,6-Tribromophenol
Concen: 84.910 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion: 330 Resp: 179968
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 31.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.342 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135268.D

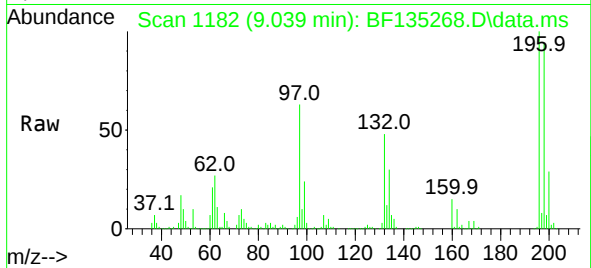
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS



Tgt Ion:196 Resp: 19962

Ion Ratio Lower Upper

196 100

198 93.7 77.0 115.6

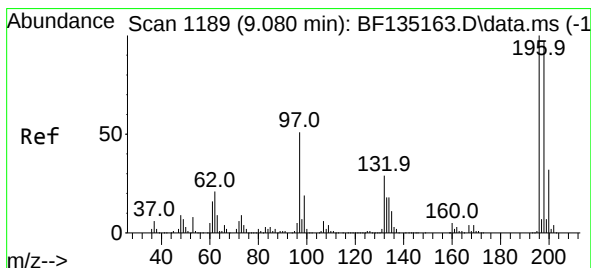
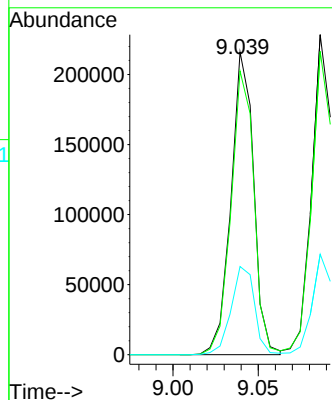
200 29.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#44

2,4,5-Trichlorophenol

Concen: 43.653 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Tgt Ion:196 Resp: 203379

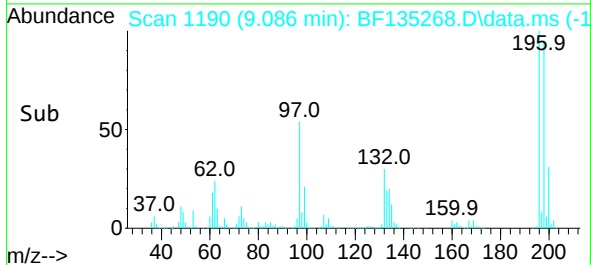
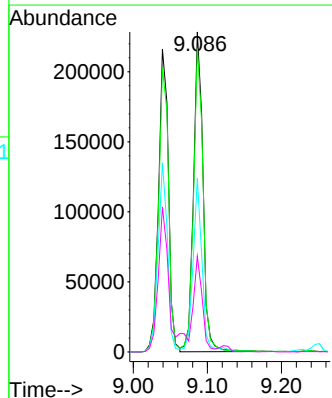
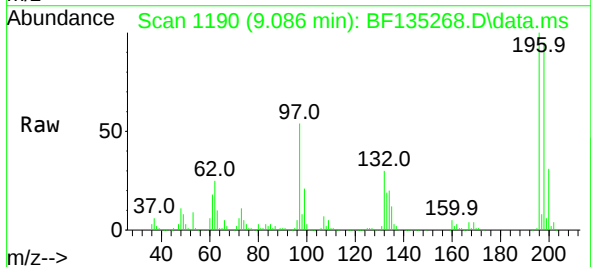
Ion Ratio Lower Upper

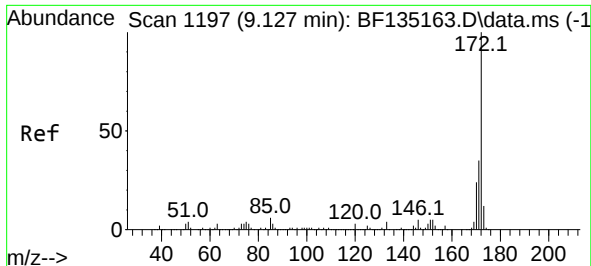
196 100

198 94.7 77.5 116.3

97 54.2 40.5 60.7

132 29.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.059 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:172 Resp: 1004530

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

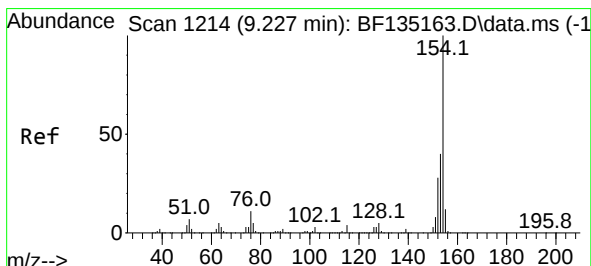
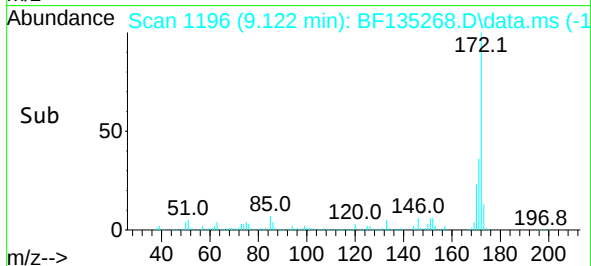
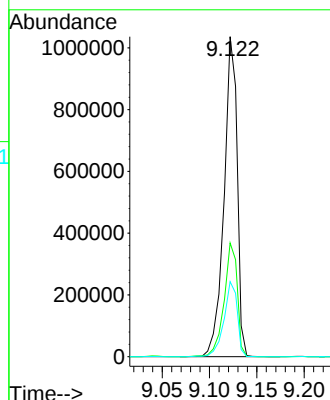
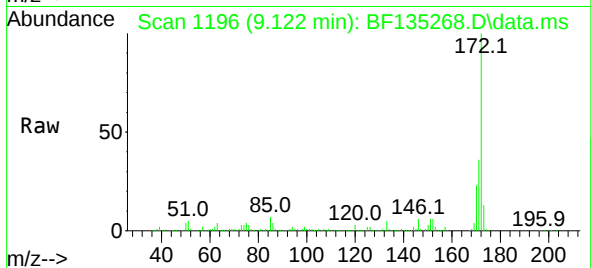
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#46

1,1'-Biphenyl

Concen: 51.822 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

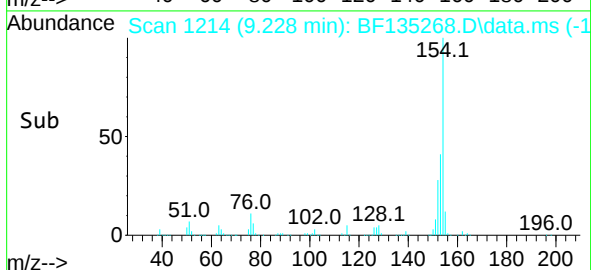
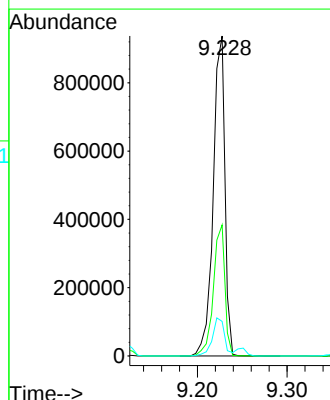
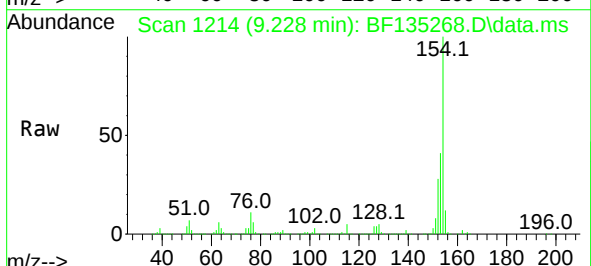
Tgt Ion:154 Resp: 849386

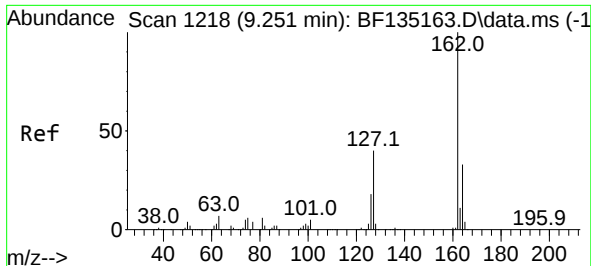
Ion Ratio Lower Upper

154 100

153 41.0 19.6 59.6

76 10.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 53.253 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135268.D

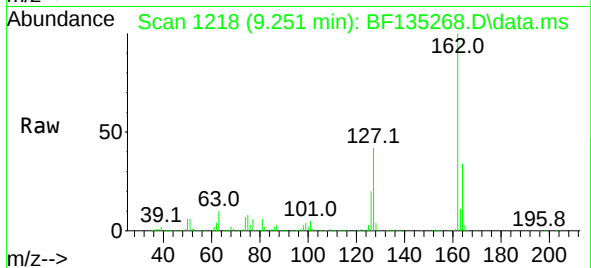
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS



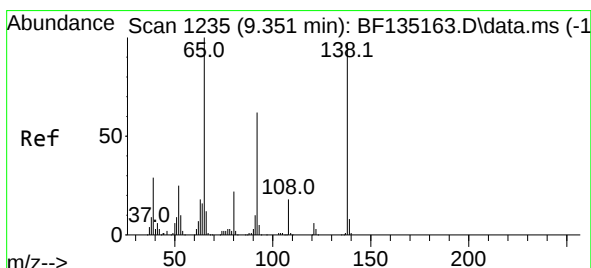
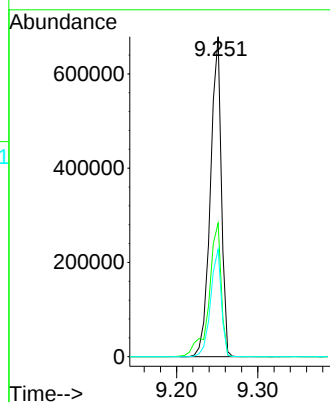
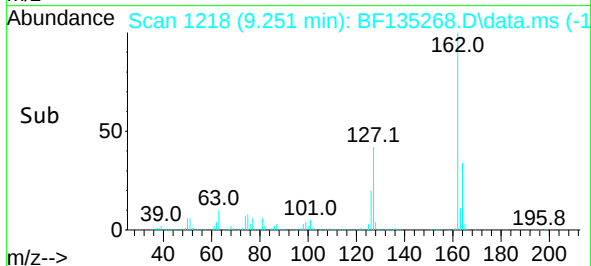
Tgt Ion:	162	Resp:	633290
Ion Ratio	Lower	Upper	
162	100		
127	41.7	32.6	48.8
164	33.5	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#48

2-Nitroaniline

Concen: 51.768 ng

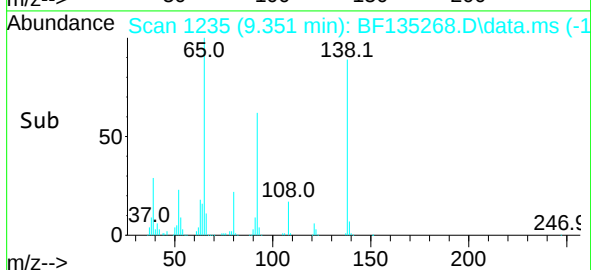
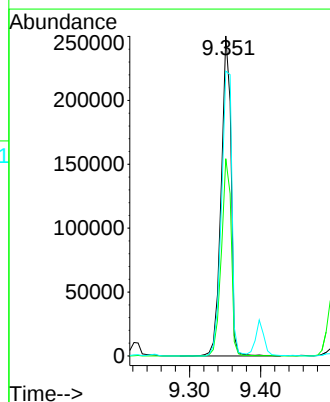
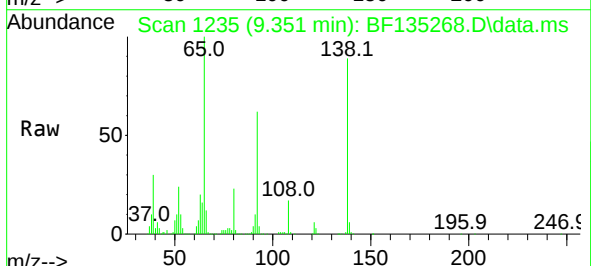
RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

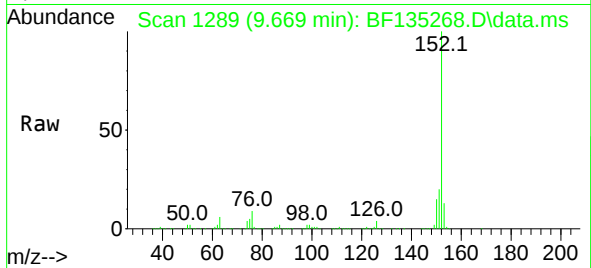
Tgt Ion:	65	Resp:	239174
Ion Ratio	Lower	Upper	
65	100		
92	61.6	49.4	74.0
138	89.0	77.4	116.0





#49
Acenaphthylene
Concen: 51.274 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

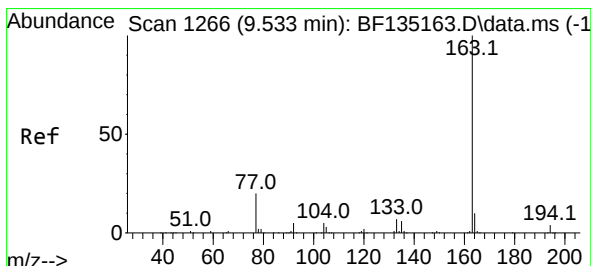
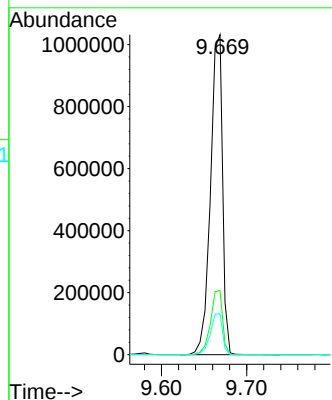
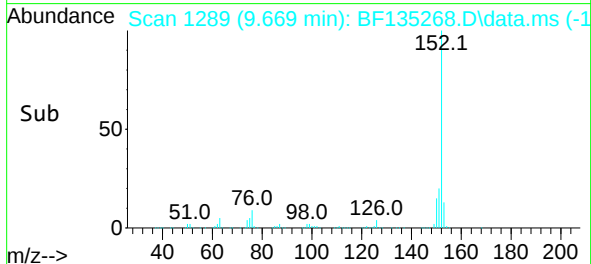
Instrument :
BNA_F
ClientSampleId :
SB-2MS



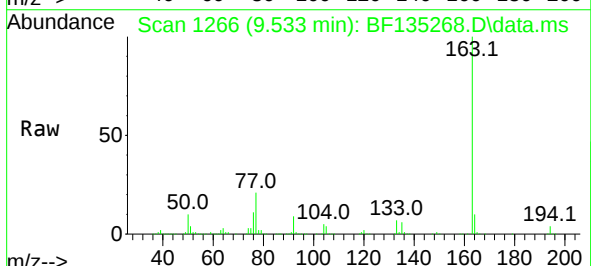
Tgt Ion:152 Resp: 101337
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 12.8 10.4 15.6

Manual Integrations
APPROVED

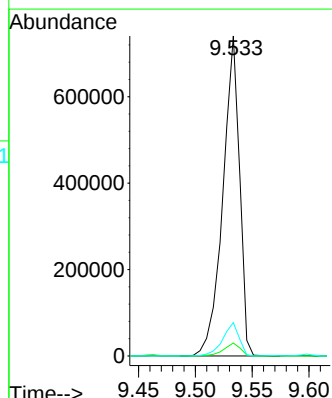
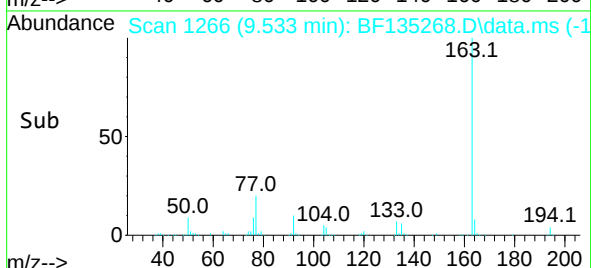
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

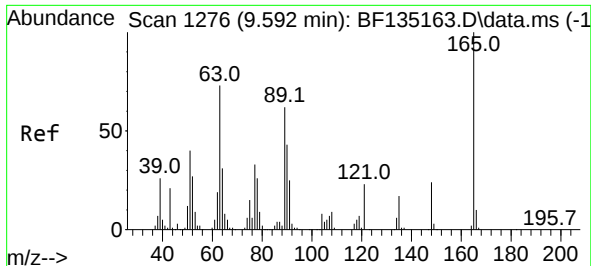


#50
Dimethylphthalate
Concen: 52.631 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



Tgt Ion:163 Resp: 758943
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.4 8.1 12.1





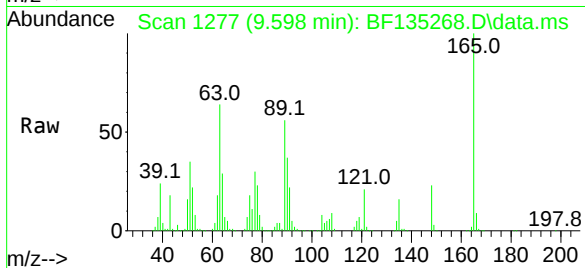
#51
2,6-Dinitrotoluene
Concen: 52.004 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

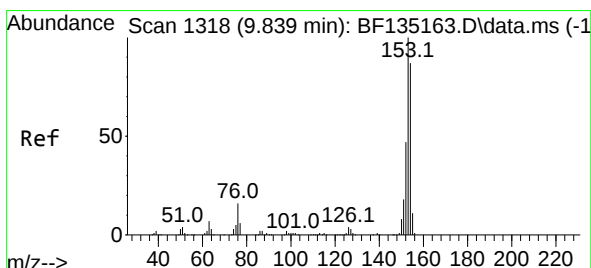
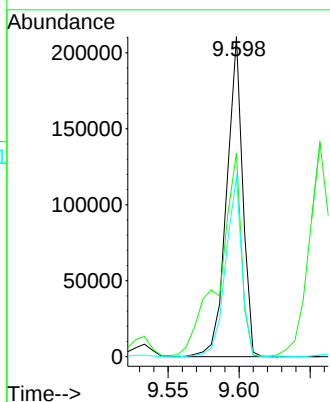
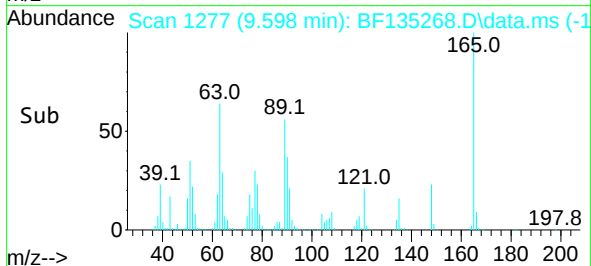


Tgt Ion:165 Resp: 164280
Ion Ratio Lower Upper
165 100
63 63.6 59.4 89.2
89 56.1 49.8 74.8

Manual Integrations

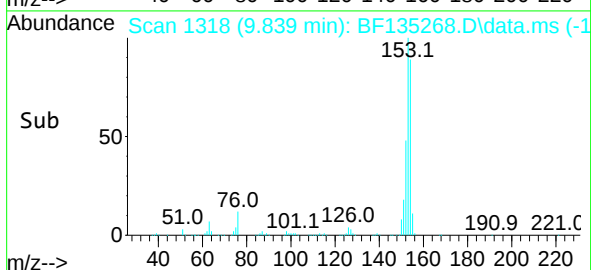
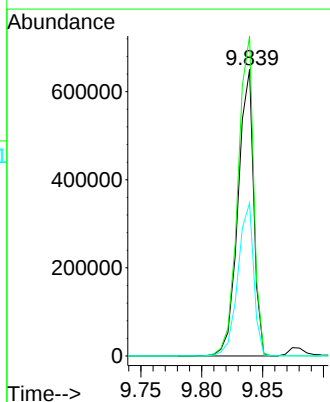
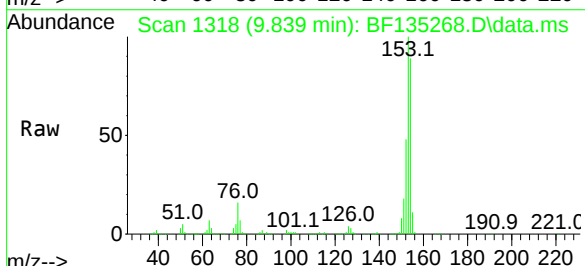
APPROVED

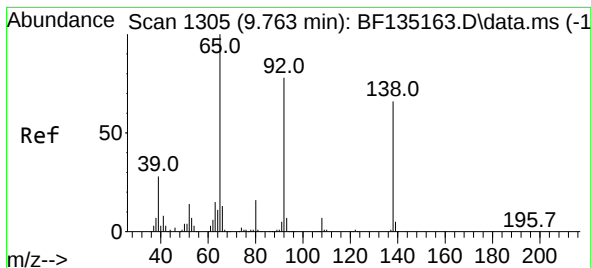
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#52
Acenaphthene
Concen: 49.885 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

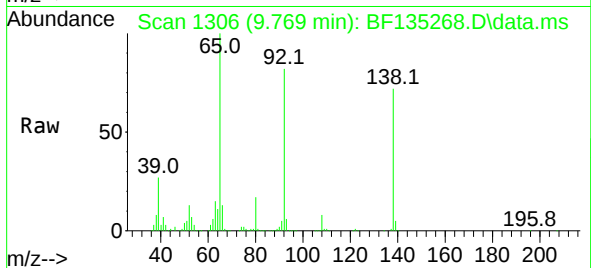
Tgt Ion:154 Resp: 582431
Ion Ratio Lower Upper
154 100
153 111.7 92.1 138.1
152 53.4 43.1 64.7





#53
3-Nitroaniline
Concen: 43.545 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

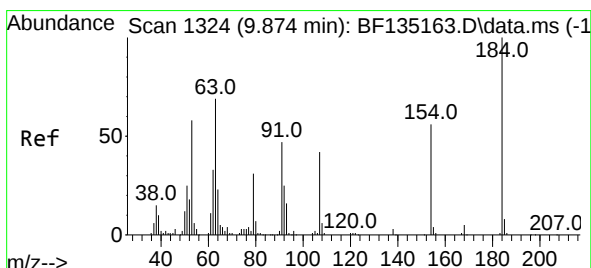
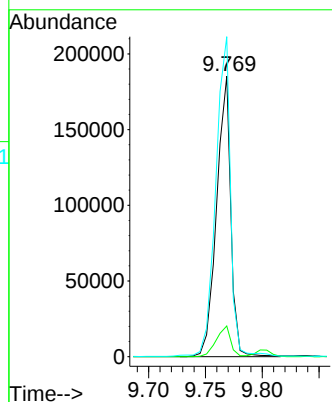
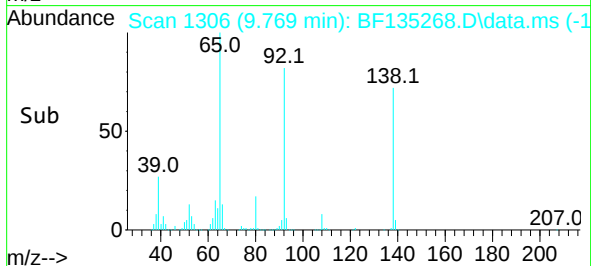
Instrument :
BNA_F
ClientSampleId :
SB-2MS



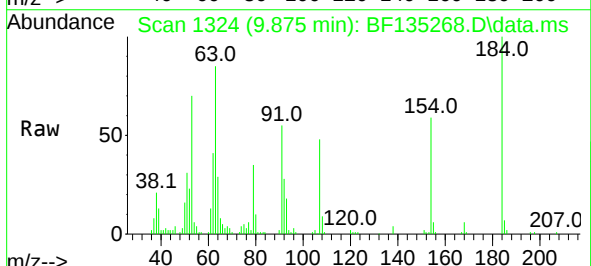
Tgt Ion:138 Resp: 16147
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 114.1 95.4 143.0

Manual Integrations
APPROVED

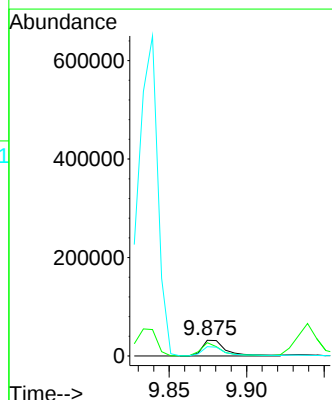
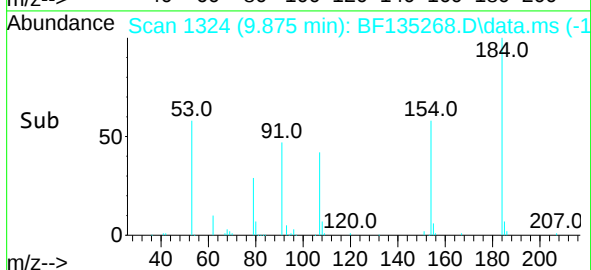
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

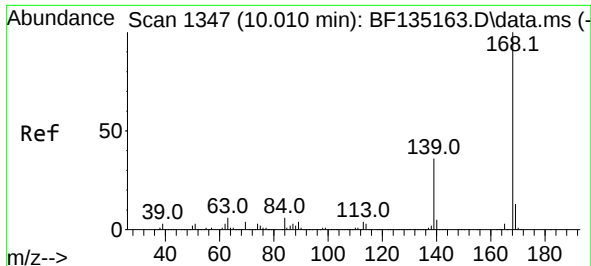


#54
2,4-Dinitrophenol
Concen: 23.902 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



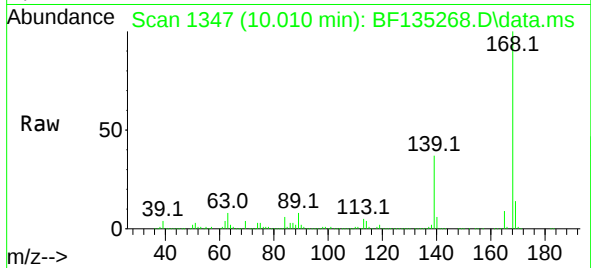
Tgt Ion:184 Resp: 34343
Ion Ratio Lower Upper
184 100
63 84.9 55.1 82.7#
154 58.8 48.4 72.6





#55
Dibenzofuran
Concen: 48.036 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

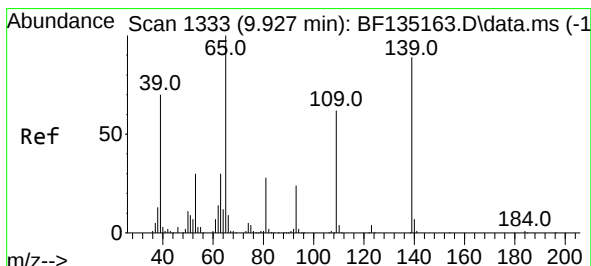
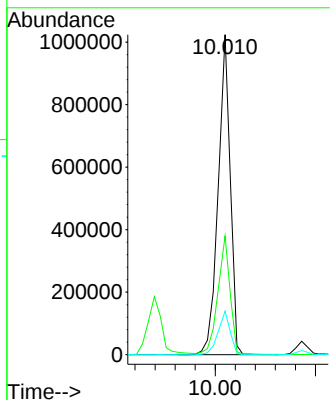
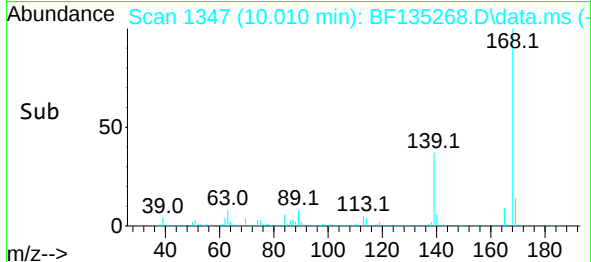
Instrument :
BNA_F
ClientSampleId :
SB-2MS



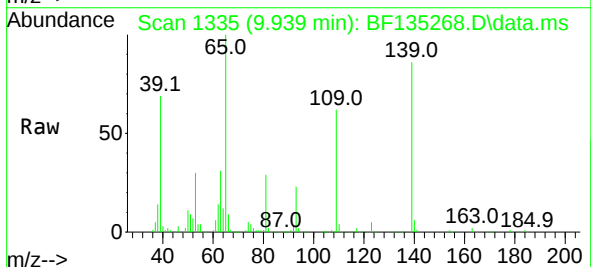
Tgt Ion:168 Resp: 85585
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations
APPROVED

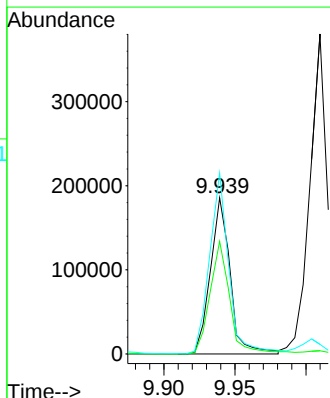
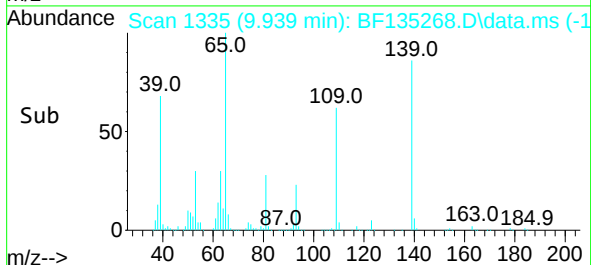
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

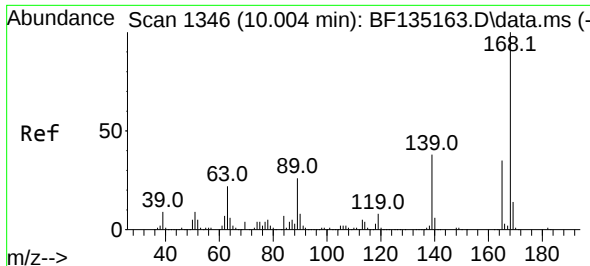


#56
4-Nitrophenol
Concen: 76.132 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



Tgt Ion:139 Resp: 179419
Ion Ratio Lower Upper
139 100
109 72.1 49.8 89.8
65 115.9 92.7 132.7





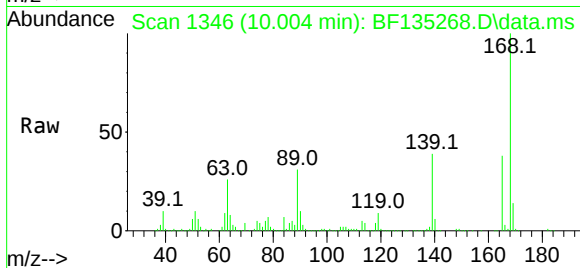
#57
2,4-Dinitrotoluene
Concen: 47.076 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

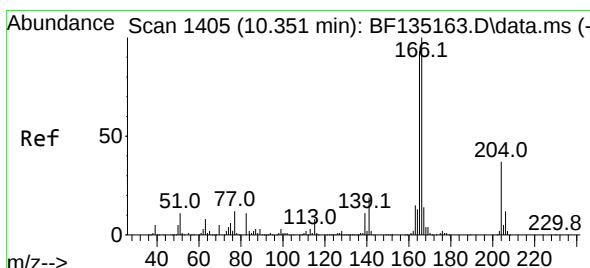
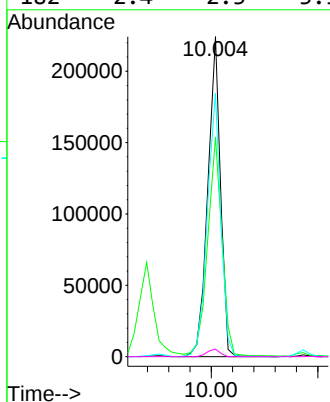
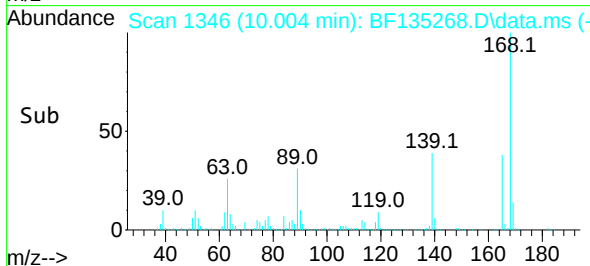


Tgt Ion:165 Resp: 186179
Ion Ratio Lower Upper
165 100
63 68.6 50.1 75.1
89 82.3 59.3 88.9
182 2.4 2.3 3.5

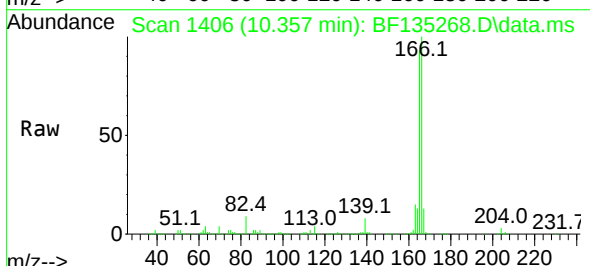
Manual Integrations

APPROVED

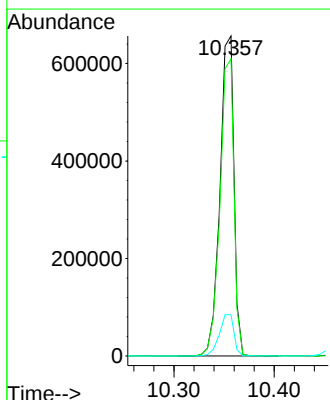
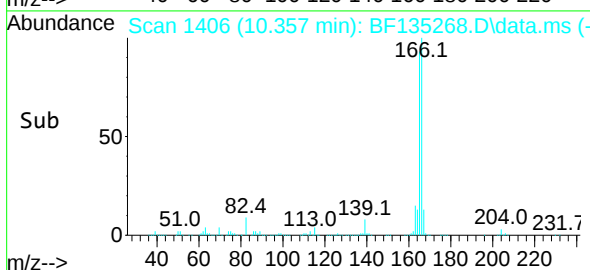
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#58
Fluorene
Concen: 46.279 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



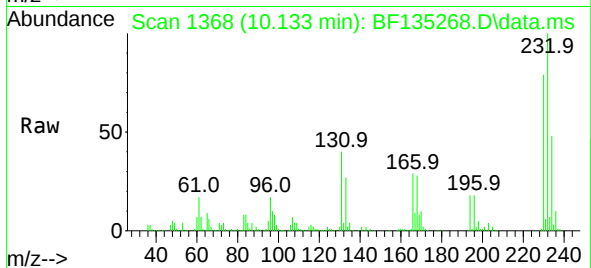
Tgt Ion:166 Resp: 633882
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.411 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

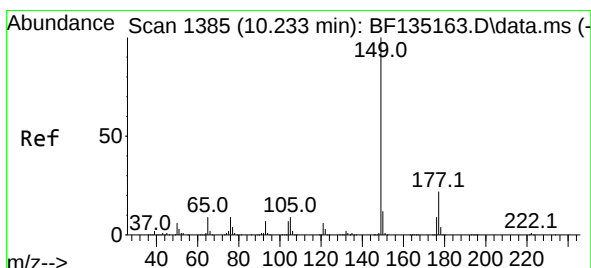
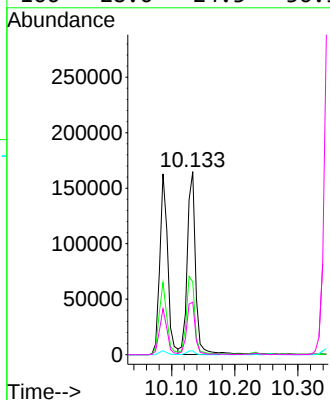
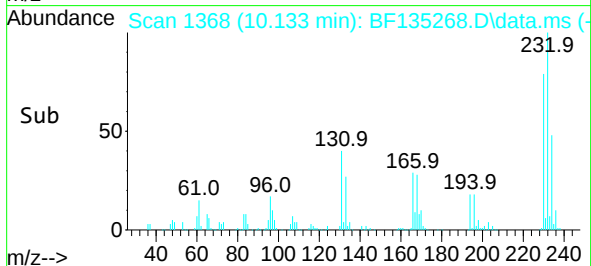
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:232 Resp: 151997
Ion Ratio Lower Upper
232 100
131 43.0 35.4 53.2
130 2.1 1.8 2.8
166 28.6 24.3 36.5

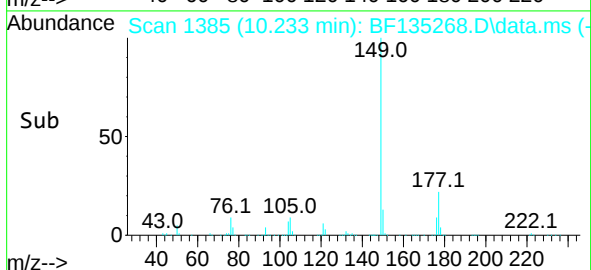
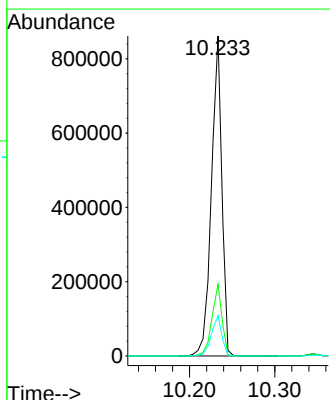
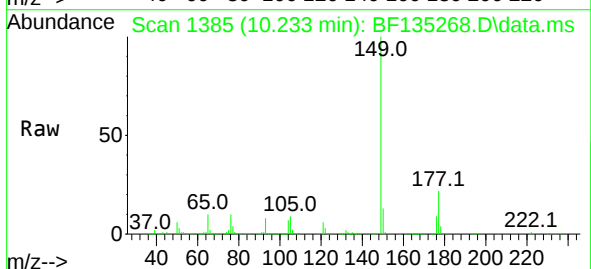
Manual Integrations
APPROVED

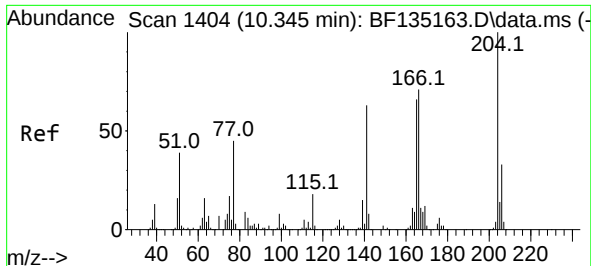
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#60
Diethylphthalate
Concen: 50.799 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

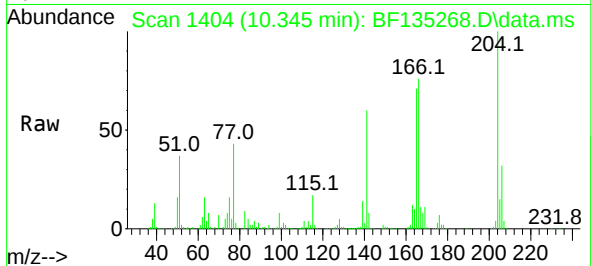
Tgt Ion:149 Resp: 735160
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.861 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

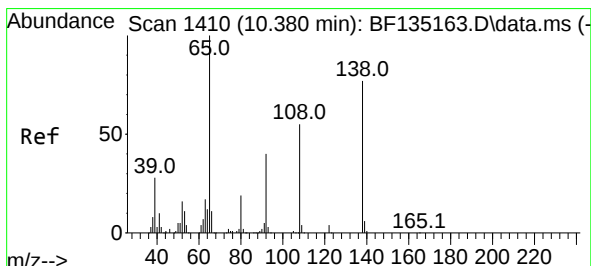
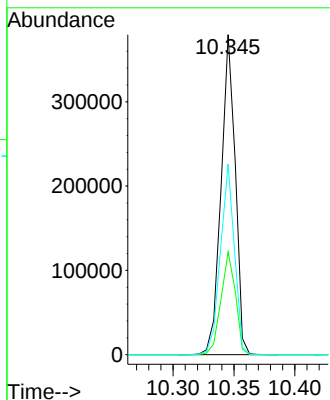
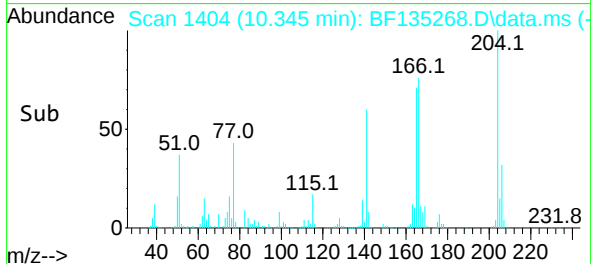
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:204 Resp: 308320
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 59.6 50.6 75.8

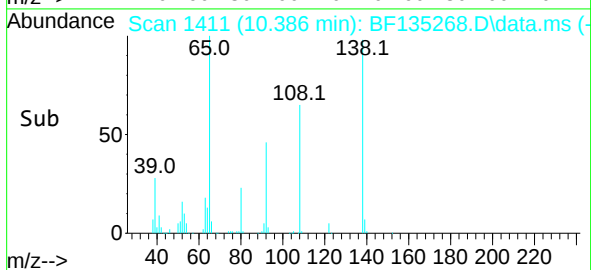
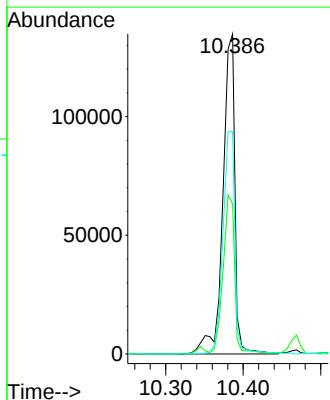
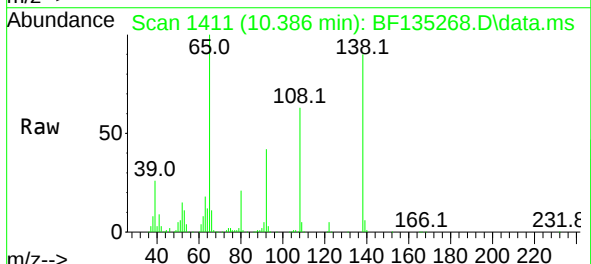
Manual Integrations
APPROVED

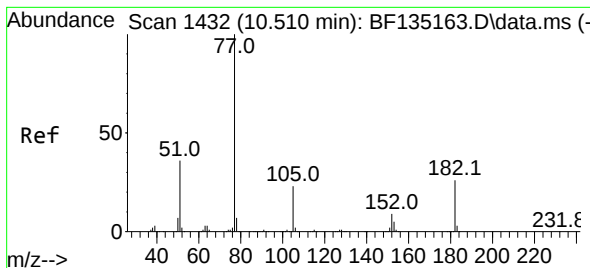
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#62
4-Nitroaniline
Concen: 41.012 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

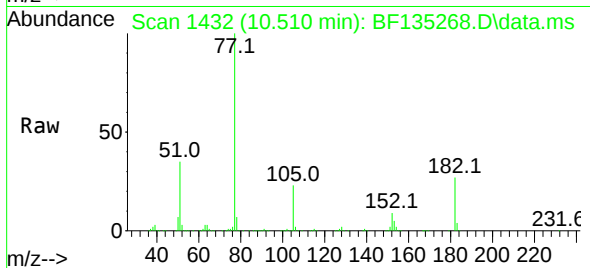
Tgt Ion:138 Resp: 146185
Ion Ratio Lower Upper
138 100
92 46.9 31.8 71.8
108 69.4 52.0 92.0





#63
Azobenzene
Concen: 45.663 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

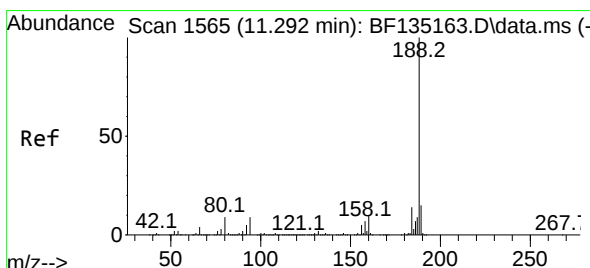
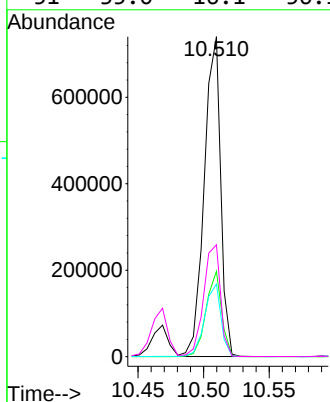
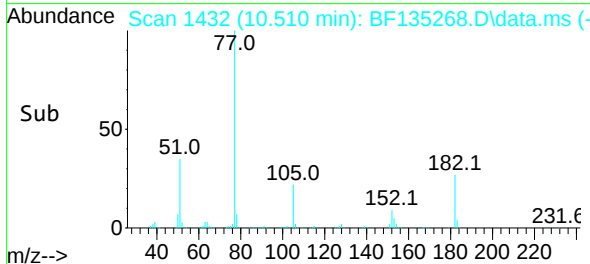
Instrument :
BNA_F
ClientSampleId :
SB-2MS



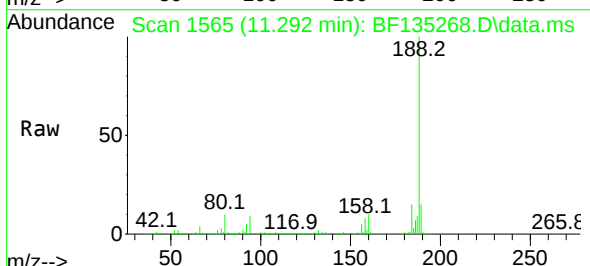
Tgt Ion: 77 Resp: 64674
Ion Ratio Lower Upper
77 100
182 26.7 6.4 46.4
105 22.7 3.1 43.1
51 35.0 16.1 56.1

Manual Integrations
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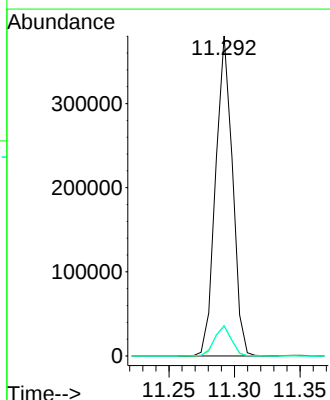
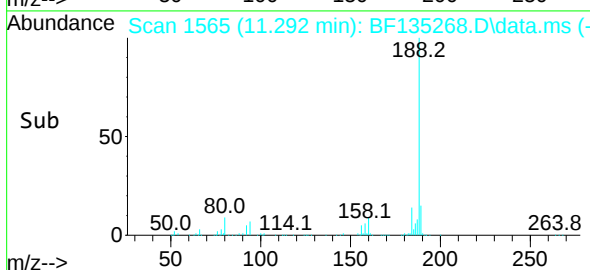
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

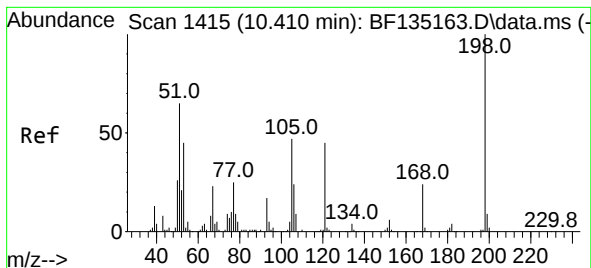


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



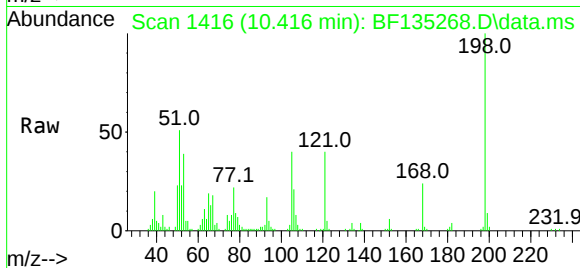
Tgt Ion:188 Resp: 340011
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.5 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 17.117 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

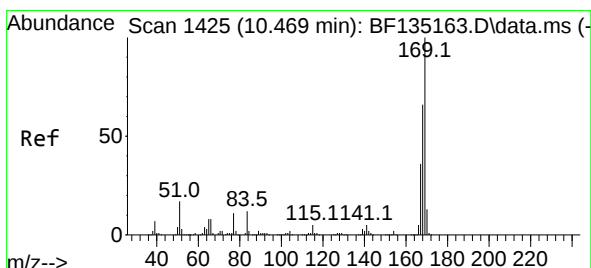
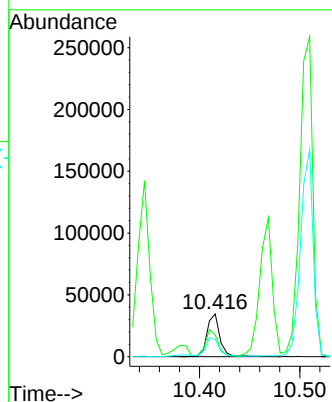
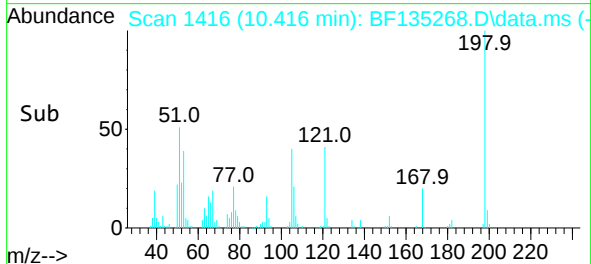
Instrument :
BNA_F
ClientSampleId :
SB-2MS



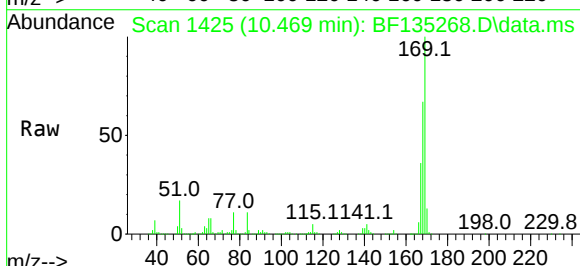
Tgt Ion:198 Resp: 30912
Ion Ratio Lower Upper
198 100
51 51.3 47.7 87.7
105 40.3 27.4 67.4

Manual Integrations
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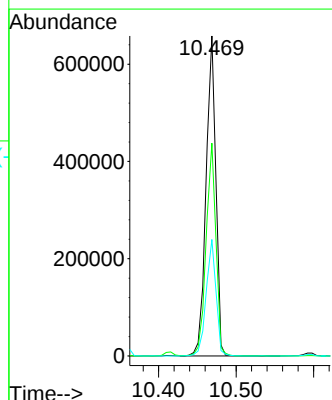
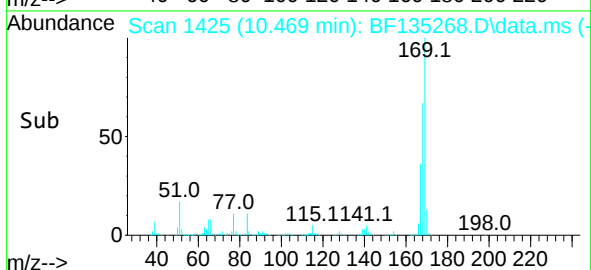
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

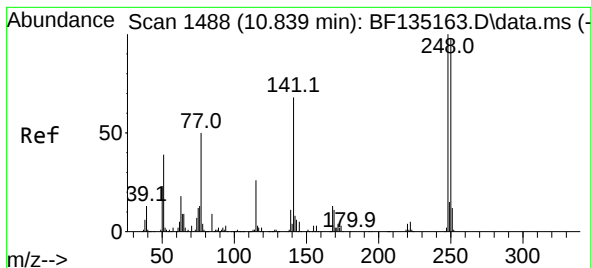


#66
n-Nitrosodiphenylamine
Concen: 56.090 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



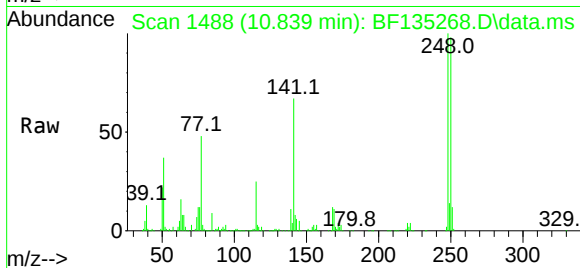
Tgt Ion:169 Resp: 577376
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 55.579 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

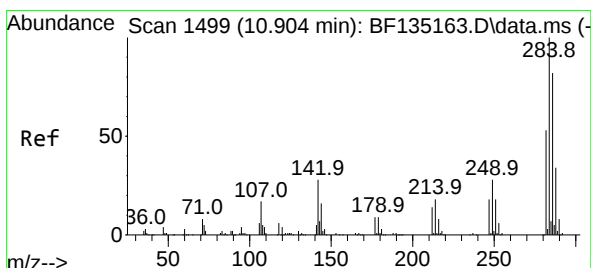
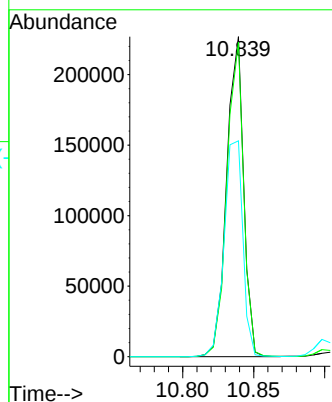
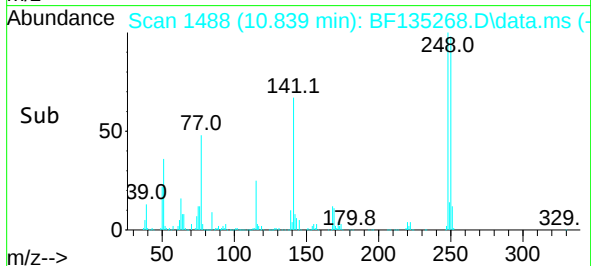
Instrument :
BNA_F
ClientSampleId :
SB-2MS



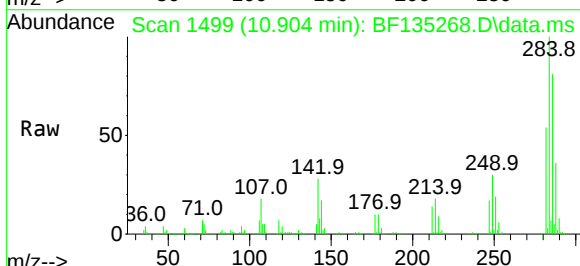
Tgt Ion:248 Resp: 187950
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 67.5 54.2 81.2

Manual Integrations
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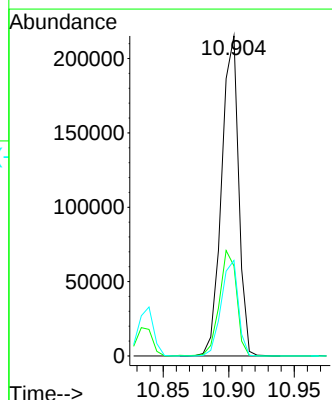
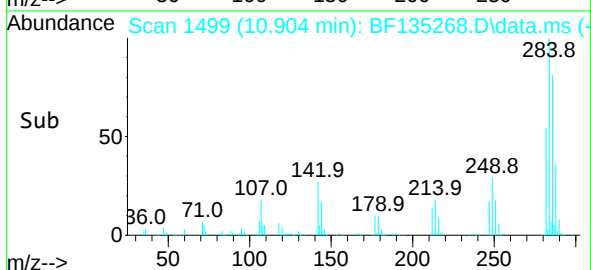
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

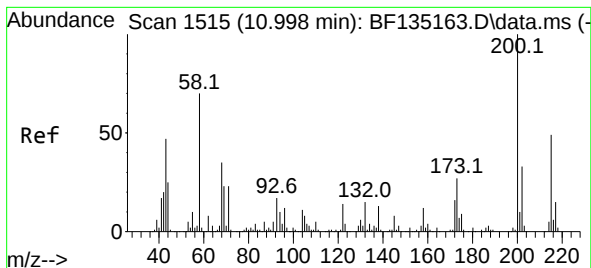


#68
Hexachlorobenzene
Concen: 56.318 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



Tgt Ion:284 Resp: 194024
Ion Ratio Lower Upper
284 100
142 28.1 22.2 33.4
249 29.8 22.5 33.7





#69

Atrazine

Concen: 60.984 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:200 Resp: 16891

Ion Ratio Lower Upper

200 100

173 27.6 7.4 47.4

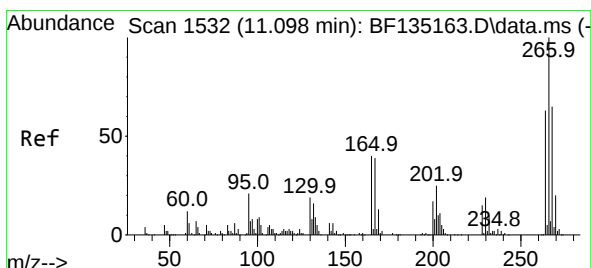
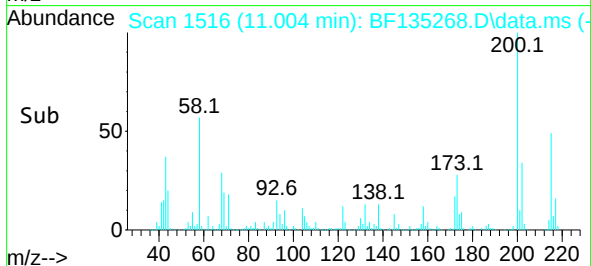
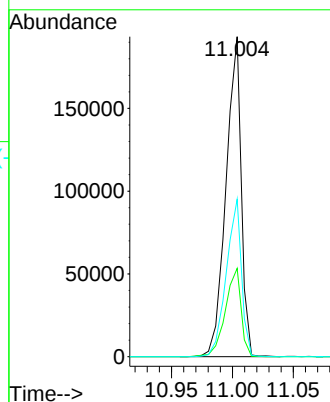
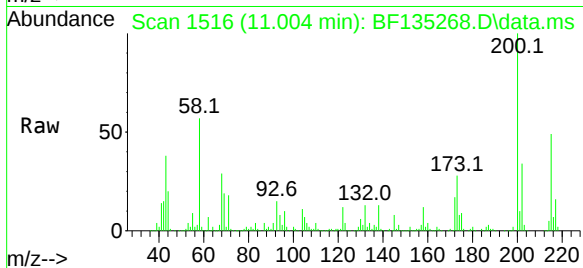
215 49.2 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#70

Pentachlorophenol

Concen: 61.206 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

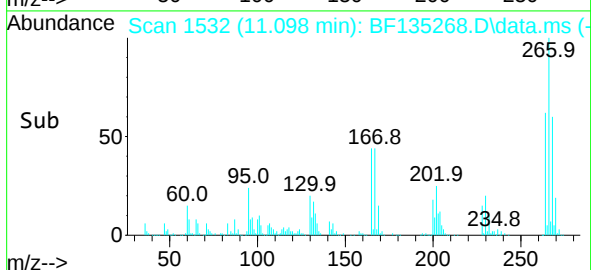
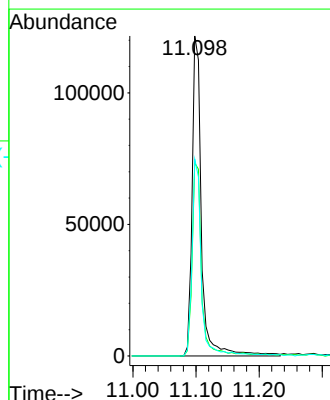
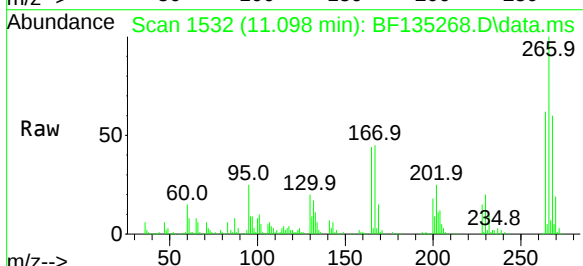
Tgt Ion:266 Resp: 126160

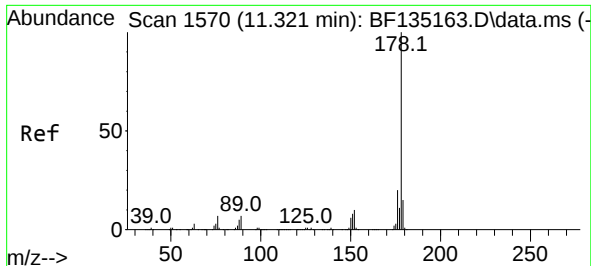
Ion Ratio Lower Upper

266 100

268 60.4 52.1 78.1

264 61.5 50.8 76.2





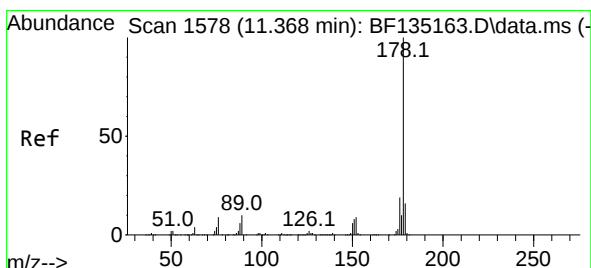
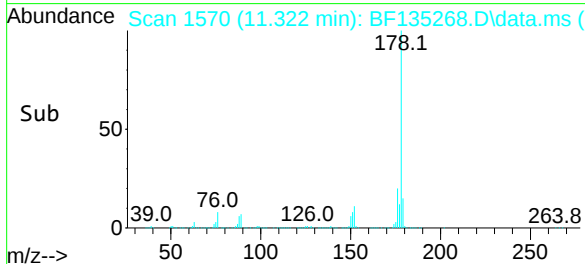
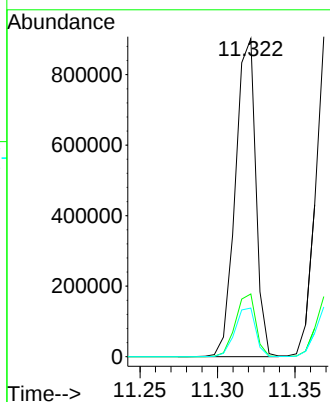
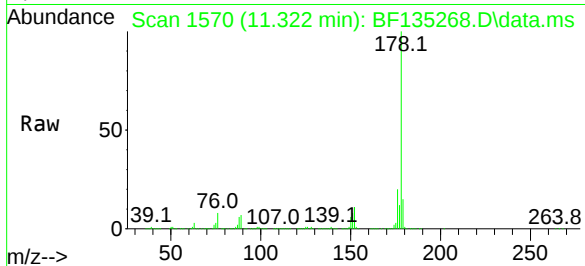
#71
Phenanthrene
Concen: 51.340 ng
RT: 11.322 min Scan# 11322
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:178 Resp: 82560
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.3 12.0 18.0

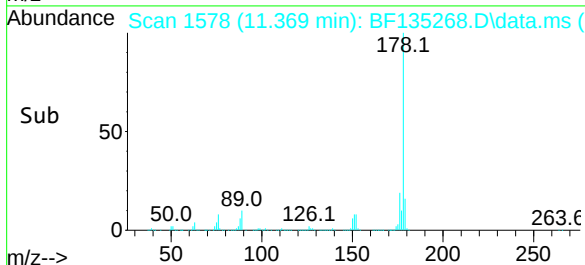
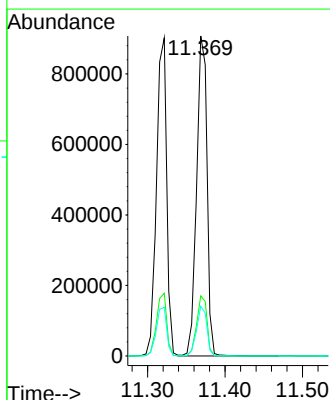
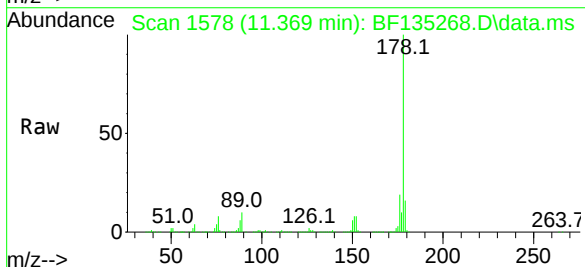
Manual Integrations
APPROVED

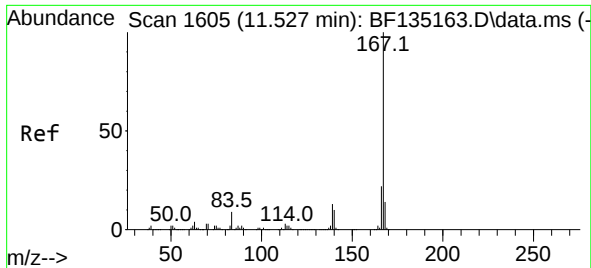
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#72
Anthracene
Concen: 51.273 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

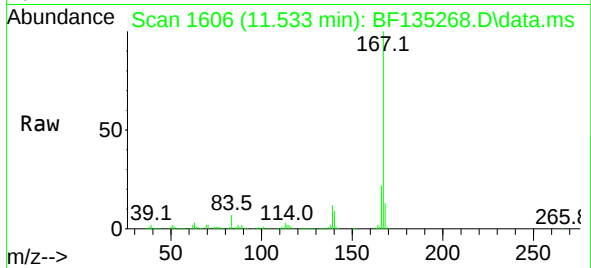
Tgt Ion:178 Resp: 847528
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 49.493 ng
RT: 11.533 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

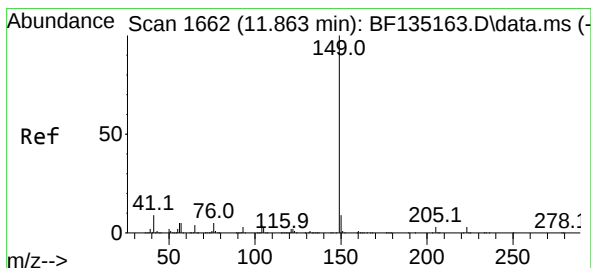
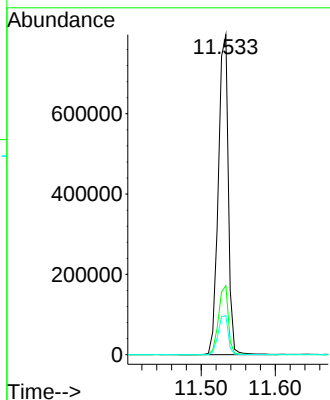
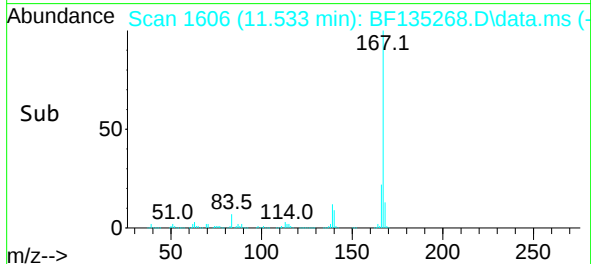
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:167 Resp: 74473
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.2 10.6 15.8

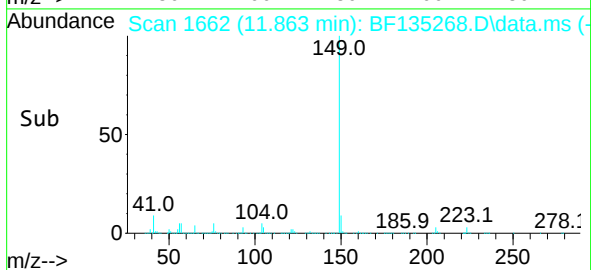
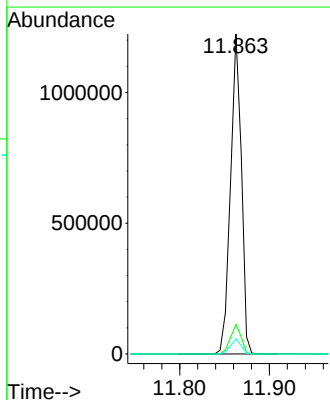
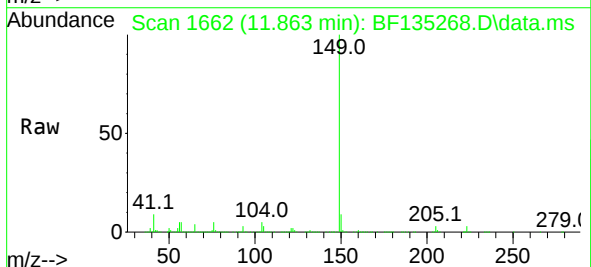
Manual Integrations
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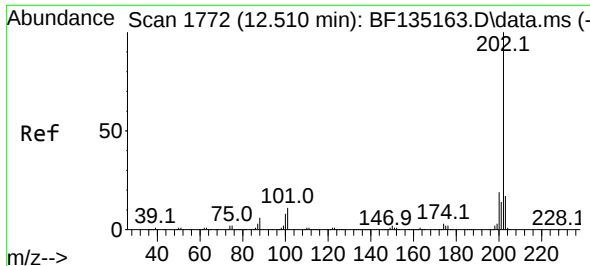
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#74
Di-n-butylphthalate
Concen: 57.795 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

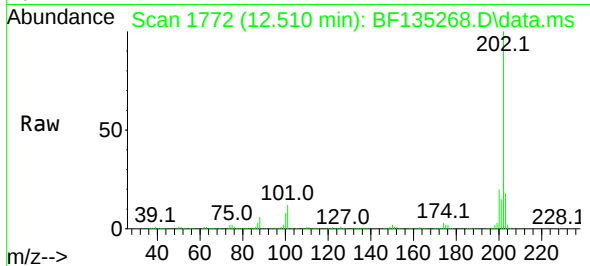
Tgt Ion:149 Resp: 1024765
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 49.663 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

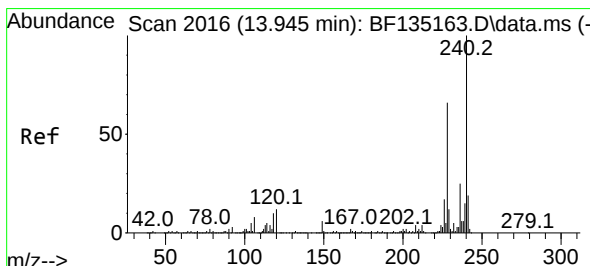
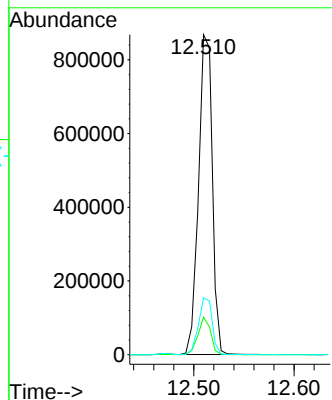
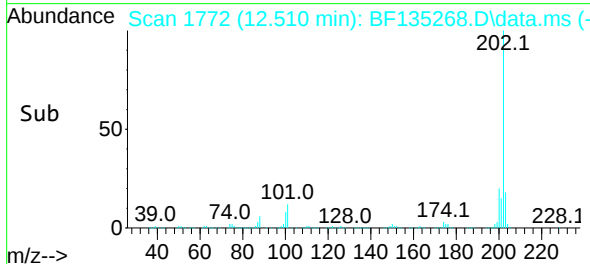
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:202 Resp: 83216
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 17.8 0.0 37.4

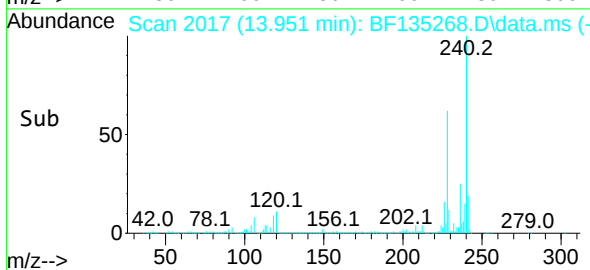
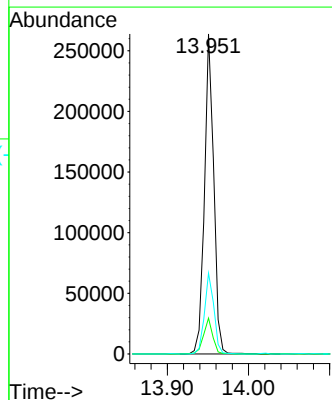
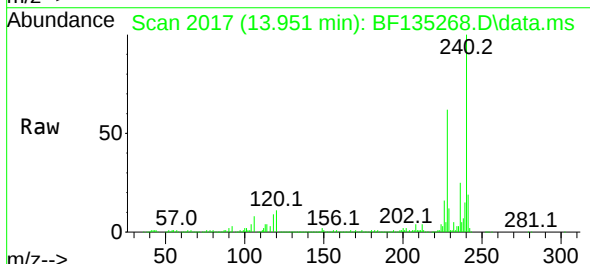
Manual Integrations
APPROVED

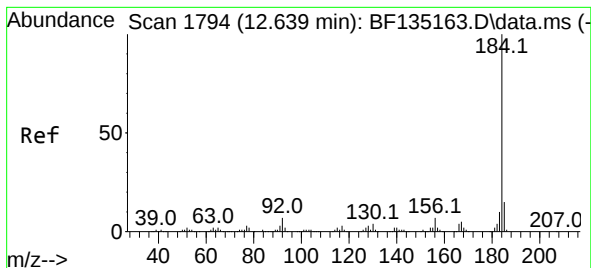
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion:240 Resp: 209162
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 52.946 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:184 Resp: 226879

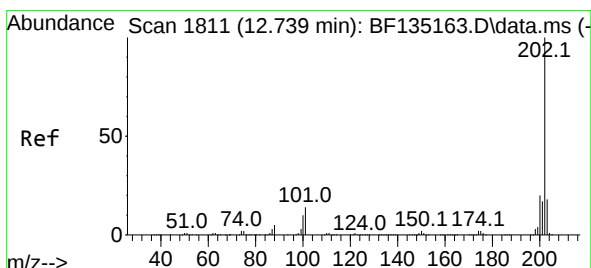
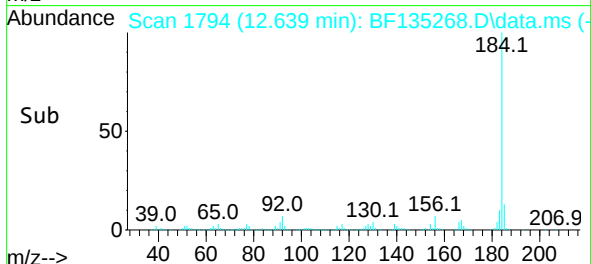
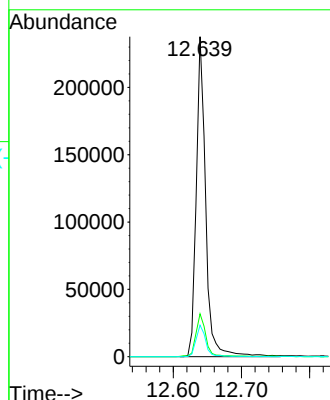
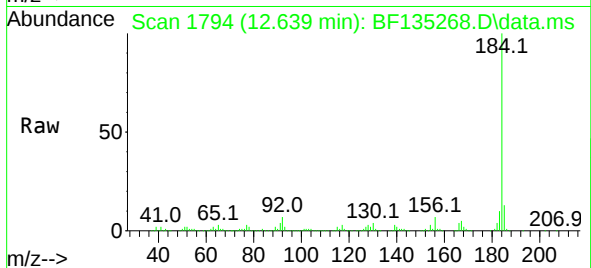
Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.7	17.5
183	9.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#78

Pyrene

Concen: 42.345 ng

RT: 12.745 min Scan# 1812

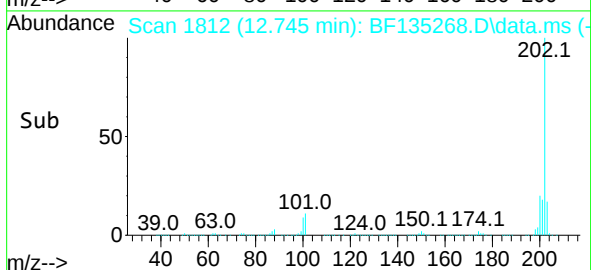
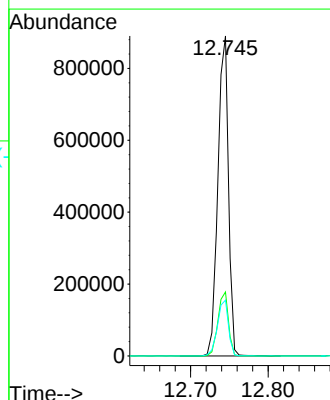
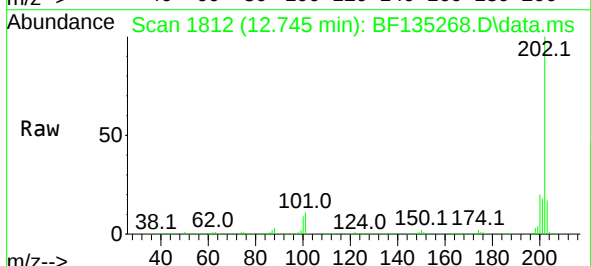
Delta R.T. 0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Tgt Ion:202 Resp: 843249

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.5	14.2	21.4





#79

Terphenyl-d14

Concen: 62.520 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135268.D

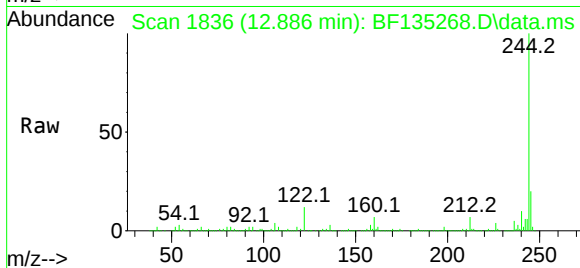
Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS



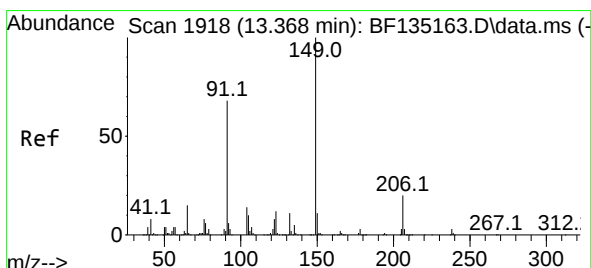
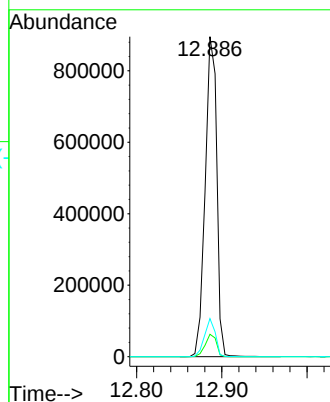
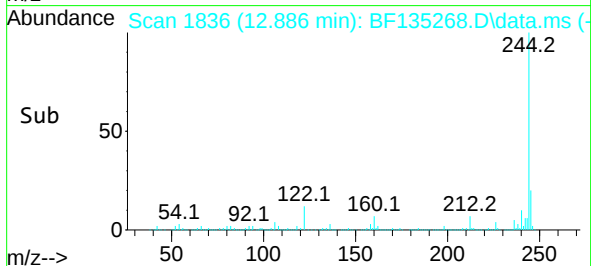
Tgt Ion:244	Resp: 84355
Ion Ratio	Lower Upper
244	100
212	7.0 5.1 7.7
122	11.9 7.9 11.9

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#80

Butylbenzylphthalate

Concen: 51.250 ng

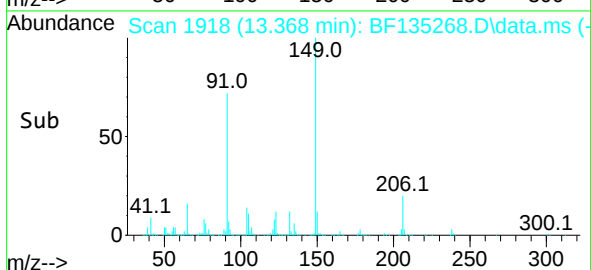
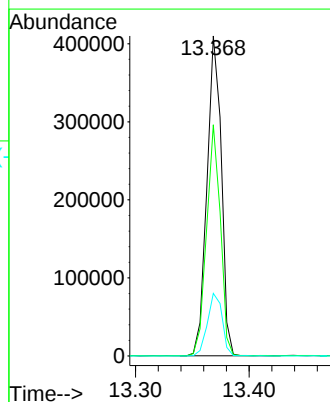
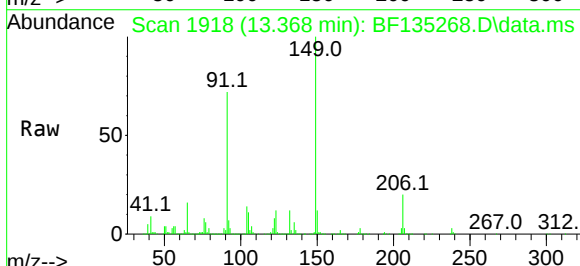
RT: 13.368 min Scan# 1918

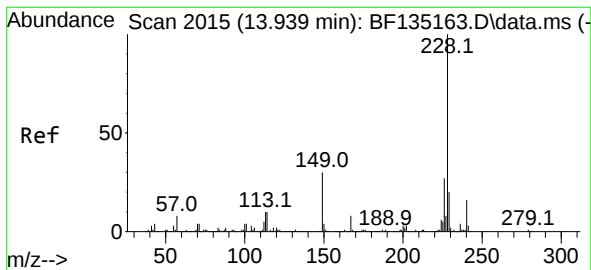
Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Tgt Ion:149	Resp: 359333
Ion Ratio	Lower Upper
149	100
91	72.3 54.7 82.1
206	19.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 49.839 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:228 Resp: 673138

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

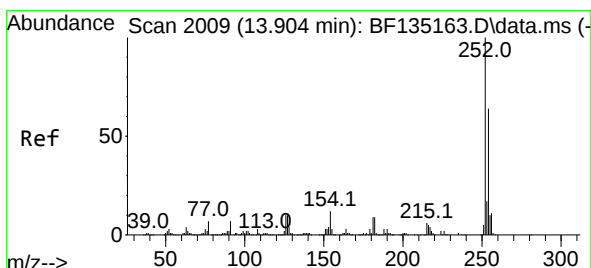
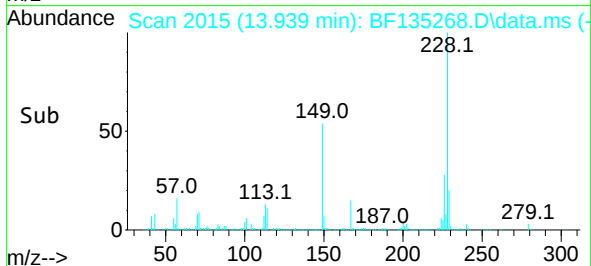
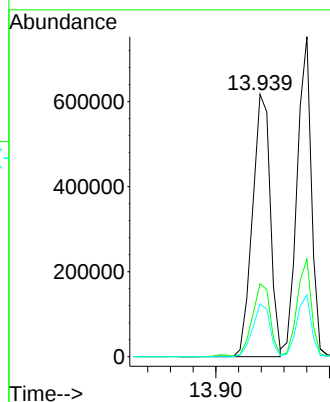
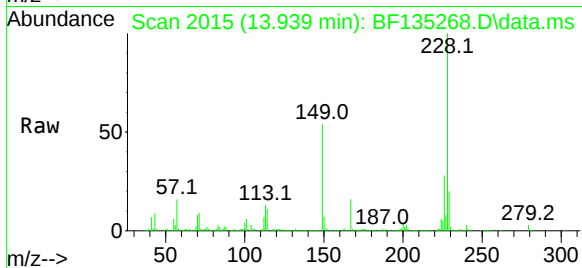
229 20.2 15.8 23.8

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#82

3,3'-Dichlorobenzidine

Concen: 52.200 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

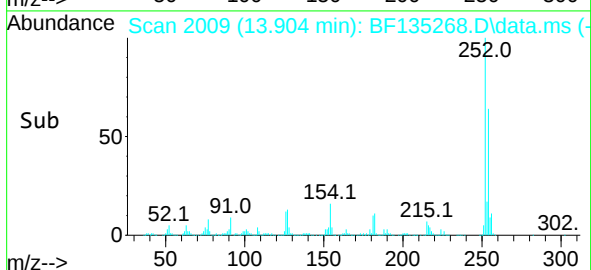
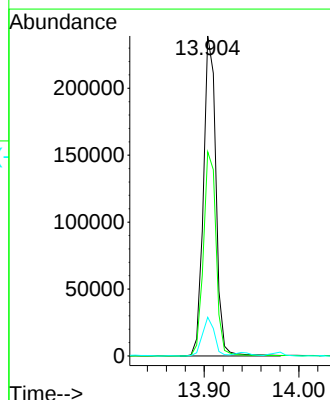
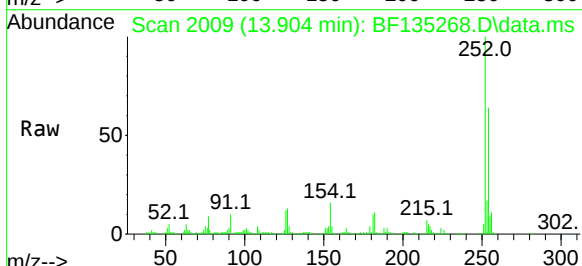
Tgt Ion:252 Resp: 220215

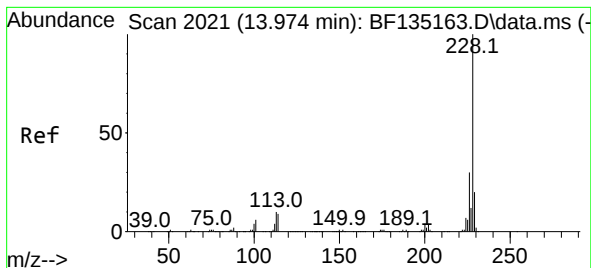
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 48.797 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:228 Resp: 655262

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

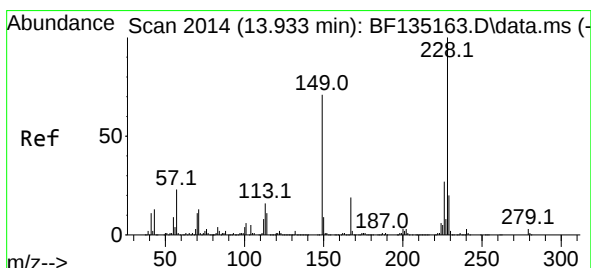
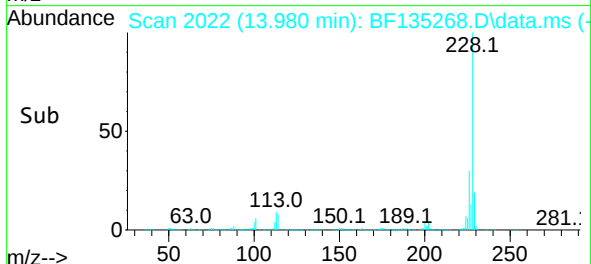
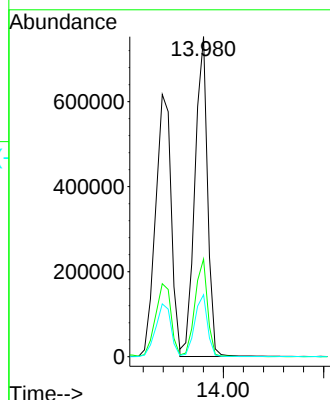
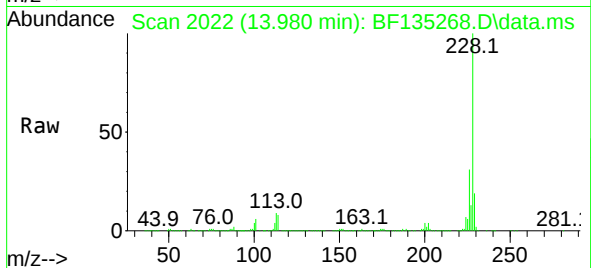
229 19.4 16.0 24.0

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Supervised By :mohammad ahmed 09/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.494 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

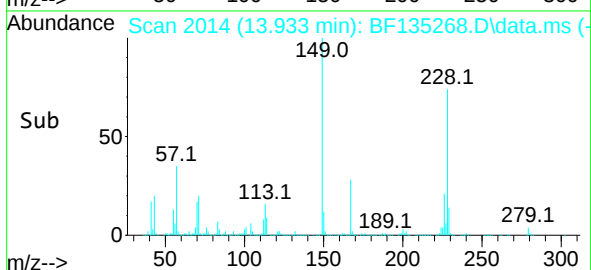
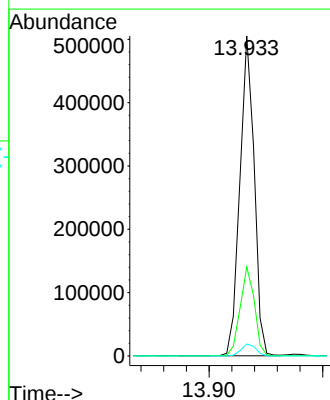
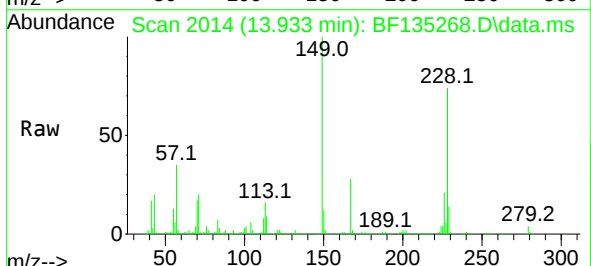
Tgt Ion:149 Resp: 442443

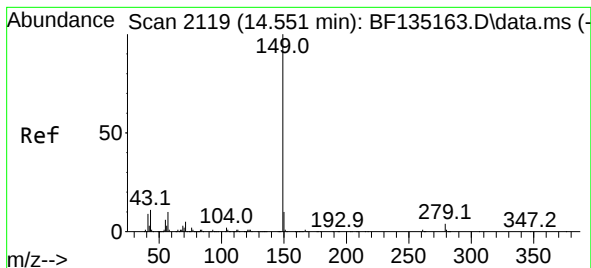
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

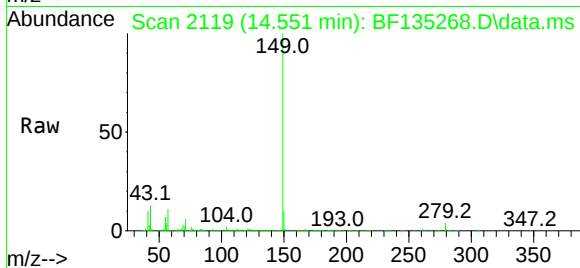
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 69.545 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

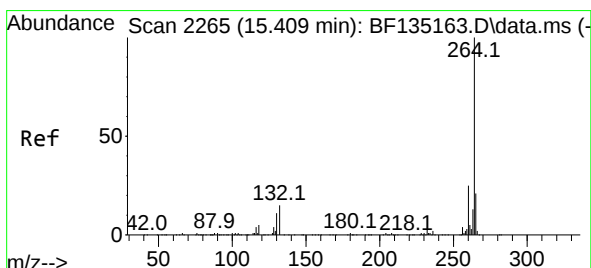
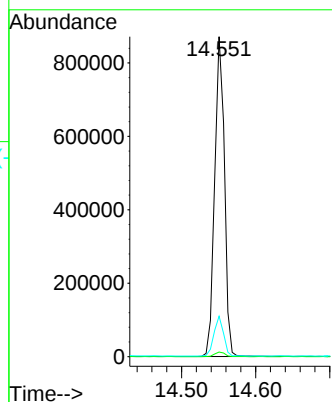
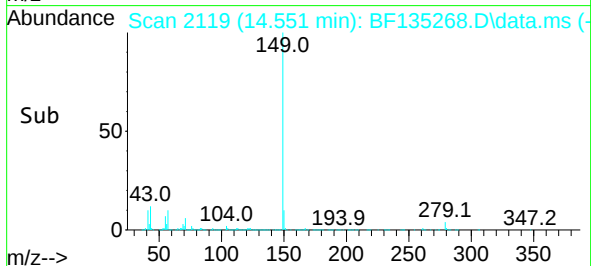
Instrument :
BNA_F
ClientSampleId :
SB-2MS



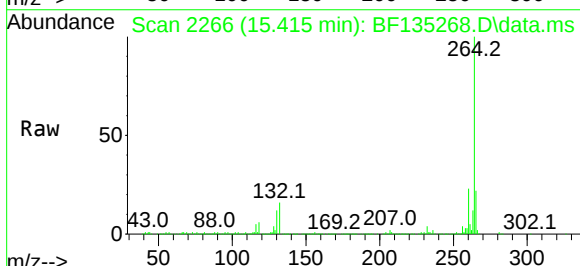
Tgt Ion:149 Resp: 795178
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.3 9.8 14.6

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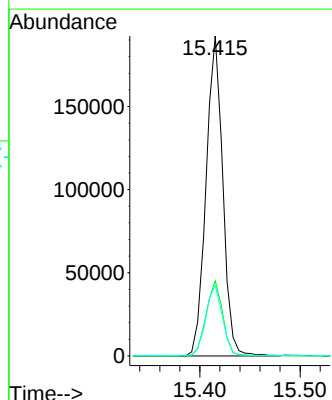
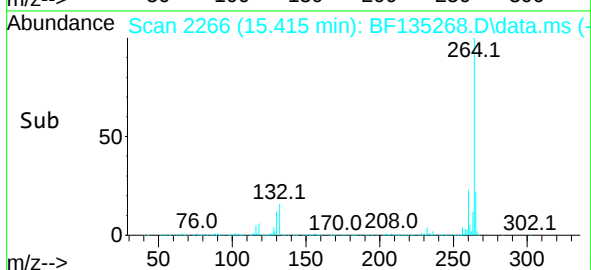
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

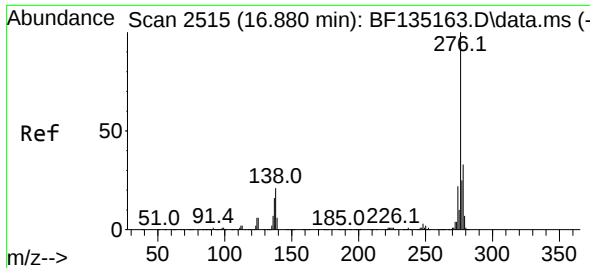


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46



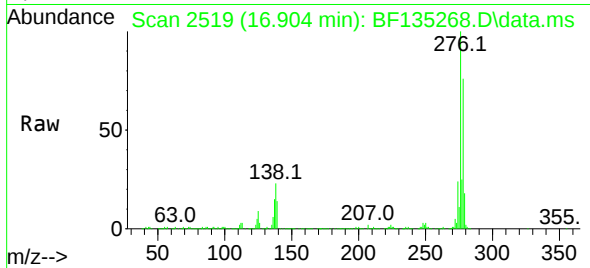
Tgt Ion:264 Resp: 223694
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.6
265 22.1 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.571 ng
 RT: 16.904 min Scan# 2119
 Delta R.T. 0.024 min
 Lab File: BF135268.D
 Acq: 14 Sep 2023 22:46

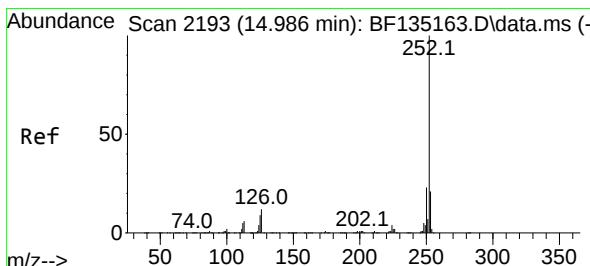
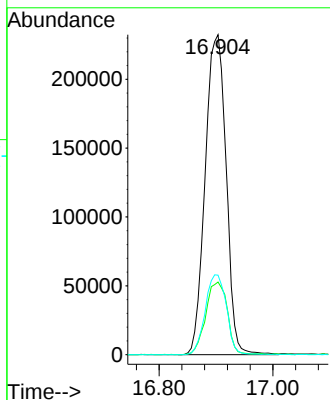
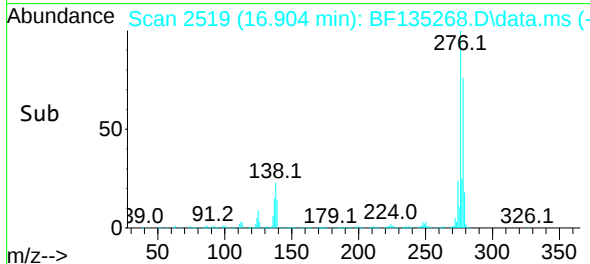
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS



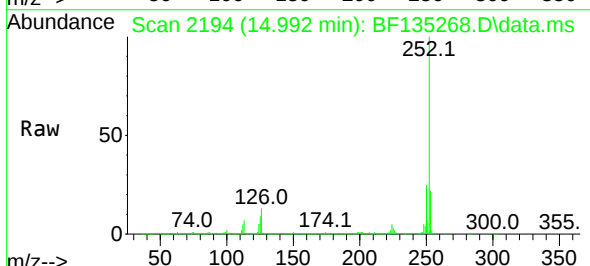
Tgt Ion:276 Resp: 595049
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.2 28.8
 277 25.3 19.7 29.5

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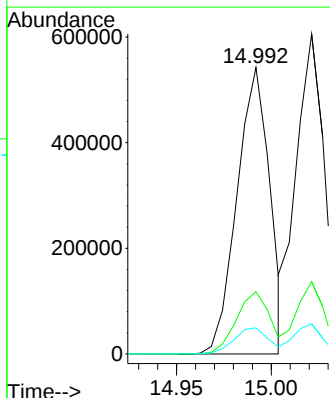
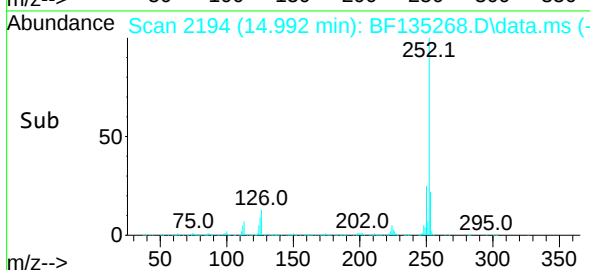
Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

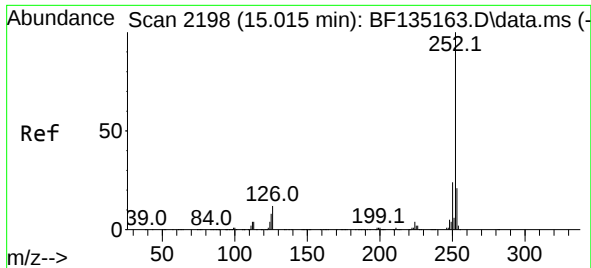


#88
 Benzo(b)fluoranthene
 Concen: 53.929 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BF135268.D
 Acq: 14 Sep 2023 22:46



Tgt Ion:252 Resp: 653041
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.676 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:252 Resp: 630108

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

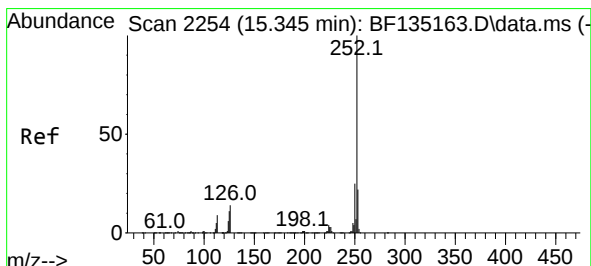
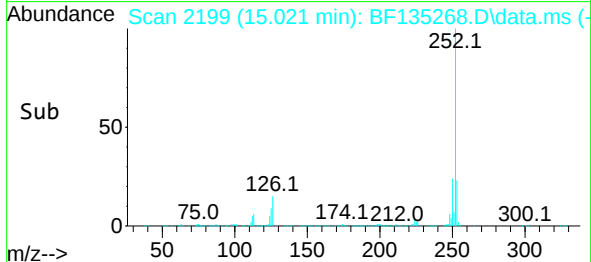
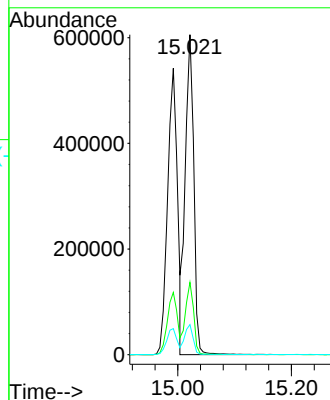
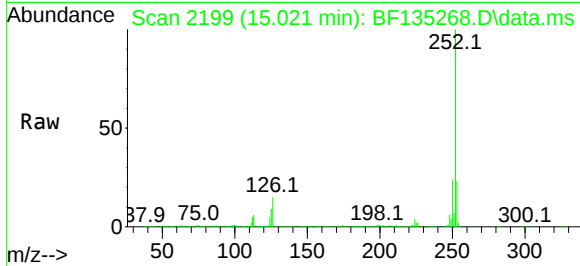
125 9.4 7.2 10.8

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#90

Benzo(a)pyrene

Concen: 47.932 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135268.D

Acq: 14 Sep 2023 22:46

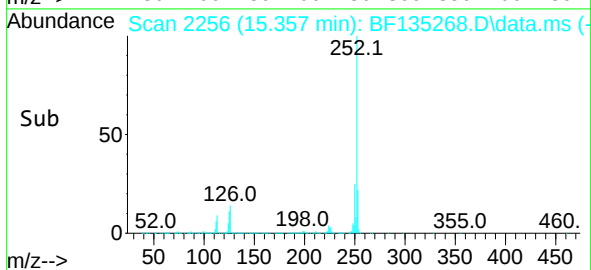
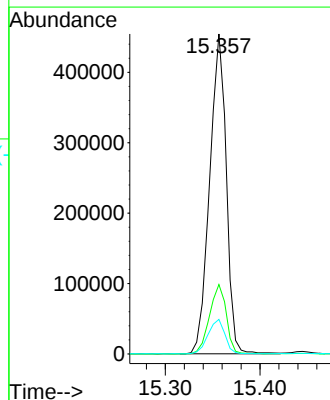
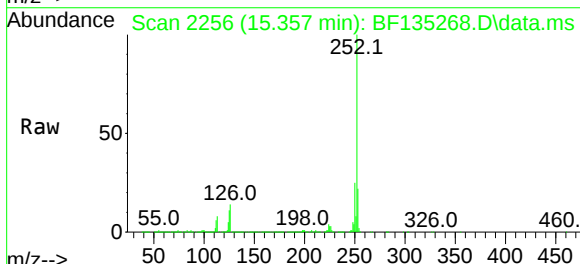
Tgt Ion:252 Resp: 553508

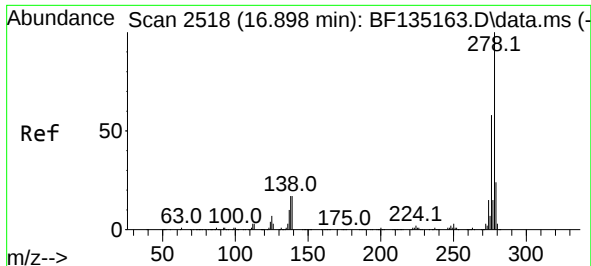
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

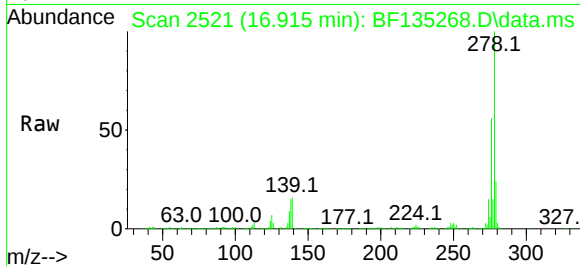
125 10.8 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 41.239 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

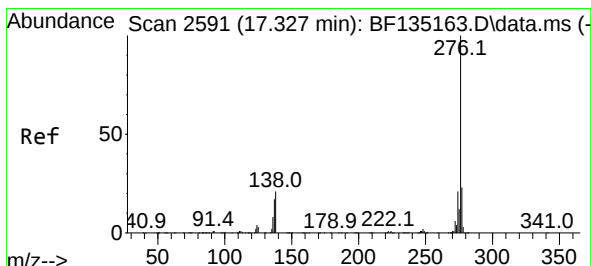
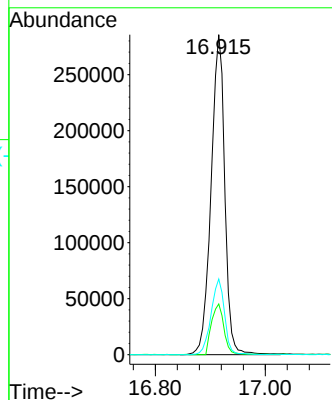
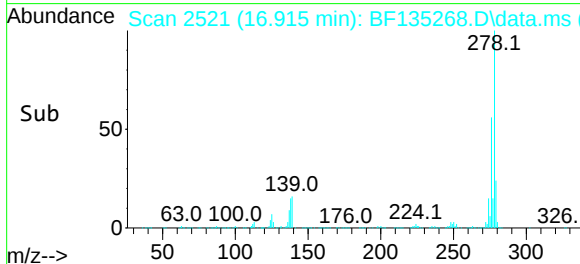
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion: 278 Resp: 494890
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.0
279 23.6 19.0 28.6

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Supervised By : mohammad ahmed 09/15/2023



#92
Benzo(g,h,i)perylene
Concen: 37.050 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF135268.D
Acq: 14 Sep 2023 22:46

Tgt Ion: 276 Resp: 464353
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 21.0 16.9 25.3

