

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135099.D
 Acq On : 05 Sep 2023 17:13
 Operator : CG\JU
 Sample : 04203-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 01:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	103940	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	406686	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	202019	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	327890	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187073	20.000	ng	0.00
86) Perylene-d12	15.427	264	224652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	657324	97.683	ng	0.01
7) Phenol-d6	6.416	99	804353	95.899	ng	0.00
23) Nitrobenzene-d5	7.339	82	508991	70.313	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	198582	92.666	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	852269	68.686	ng	0.00
79) Terphenyl-d14	12.898	244	698607	60.942	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	124685	43.743	ng	99
3) Pyridine	3.316	79	307925	40.071	ng	99
4) n-Nitrosodimethylamine	3.281	42	186052	49.508	ng	96
6) Aniline	6.439	93	351448	33.800	ng	# 88
8) 2-Chlorophenol	6.563	128	348025	50.908	ng	97
9) Benzaldehyde	6.328	77	134350	31.436	ng	94
10) Phenol	6.434	94	414307	47.051	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	323834	48.839	ng	97
12) 1,3-Dichlorobenzene	6.716	146	357763	50.794	ng	99
13) 1,4-Dichlorobenzene	6.792	146	364331	51.682	ng	97
14) 1,2-Dichlorobenzene	6.939	146	344153	52.316	ng	98
15) Benzyl Alcohol	6.922	79	295248	51.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	519418	46.778	ng	98
17) 2-Methylphenol	7.034	107	263335	44.204	ng	97
18) Hexachloroethane	7.281	117	135379	51.843	ng	96
19) n-Nitroso-di-n-propyla...	7.192	70	222792	44.718	ng	98
20) 3+4-Methylphenols	7.186	107	321656	45.768	ng	94
22) Acetophenone	7.186	105	454947	50.293	ng	# 98
24) Nitrobenzene	7.357	77	353602	47.620	ng	98
25) Isophorone	7.598	82	641844	46.765	ng	99
26) 2-Nitrophenol	7.675	139	181200	49.390	ng	98
27) 2,4-Dimethylphenol	7.716	122	265634	44.973	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	388037	46.869	ng	98
29) 2,4-Dichlorophenol	7.916	162	268933	47.907	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	302984	49.944	ng	99
31) Naphthalene	8.075	128	949885	47.814	ng	99
32) Benzoic acid	7.851	122	209316	44.301	ng	93
33) 4-Chloroaniline	8.128	127	250776	28.860	ng	97
34) Hexachlorobutadiene	8.192	225	170142	49.420	ng	98
35) Caprolactam	8.504	113	85743m	46.649	ng	
36) 4-Chloro-3-methylphenol	8.616	107	291544	47.816	ng	94
37) 2-Methylnaphthalene	8.769	142	592885	44.728	ng	99
38) 1-Methylnaphthalene	8.869	142	566780	45.698	ng	100
40) 1,2,4,5-Tetrachloroben...	8.933	216	278268	49.205	ng	99
41) Hexachlorocyclopentadiene	8.916	237	153620	63.822	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	182279	47.994	ng	99

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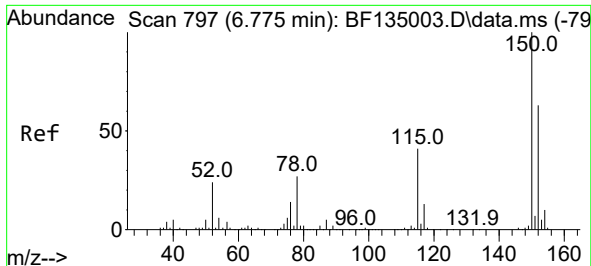
Quant Time: Sep 06 01:54:40 2023
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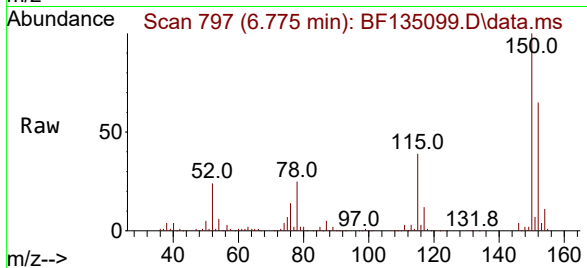
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	197521	44.921	ng	# 92
46) 1,1'-Biphenyl	9.233	154	746898	48.391	ng	98
47) 2-Chloronaphthalene	9.257	162	568698	48.997	ng	96
48) 2-Nitroaniline	9.357	65	191875	48.292	ng	88
49) Acenaphthylene	9.675	152	849755	48.431	ng	99
50) Dimethylphthalate	9.545	163	681225	48.158	ng	99
51) 2,6-Dinitrotoluene	9.604	165	148941	47.985	ng	98
52) Acenaphthene	9.845	154	527573	47.184	ng	98
53) 3-Nitroaniline	9.775	138	128738	35.606	ng	98
54) 2,4-Dinitrophenol	9.886	184	86691	58.439	ng	# 87
55) Dibenzofuran	10.022	168	744735	46.173	ng	99
56) 4-Nitrophenol	9.945	139	202090	79.513	ng	93
57) 2,4-Dinitrotoluene	10.010	165	185106	47.854	ng	# 95
58) Fluorene	10.363	166	574741	46.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	154085	45.508	ng	98
60) Diethylphthalate	10.245	149	634036	47.615	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	283445	46.602	ng	98
62) 4-Nitroaniline	10.392	138	139174	39.339	ng	97
63) Azobenzene	10.516	77	609663	45.471	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	67788	34.159	ng	94
66) n-Nitrosodiphenylamine	10.480	169	524531	51.449	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	176161	50.653	ng	95
68) Hexachlorobenzene	10.910	284	191356	53.212	ng	93
70) Pentachlorophenol	11.110	266	150264	69.068	ng	98
71) Phenanthrene	11.327	178	816755	48.283	ng	99
72) Anthracene	11.380	178	818967	47.385	ng	99
73) Carbazole	11.539	167	670187	44.958	ng	99
74) Di-n-butylphthalate	11.874	149	897065	49.921	ng	100
75) Fluoranthene	12.521	202	686591	40.145	ng	100
77) Benzidine	12.651	184	213146	63.206	ng	98
78) Pyrene	12.751	202	677330	38.134	ng	100
80) Butylbenzylphthalate	13.380	149	282817	44.076	ng	97
81) Benzo(a)anthracene	13.951	228	607560	47.611	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	221329	57.479	ng	100
83) Chrysene	13.986	228	585556	46.692	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	350573	52.793	ng	99
85) Di-n-octyl phthalate	14.562	149	671760	66.276	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	609797	40.299	ng	98
88) Benzo(b)fluoranthene	15.004	252	684562	48.973	ng	98
89) Benzo(k)fluoranthene	15.033	252	621545	46.026	ng	99
90) Benzo(a)pyrene	15.368	252	582621	44.868	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	519194	42.364	ng	98
92) Benzo(g,h,i)perylene	17.362	276	452826	35.525	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

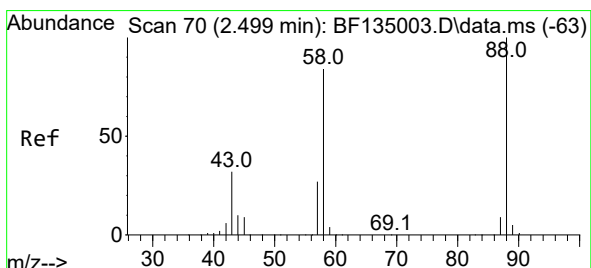
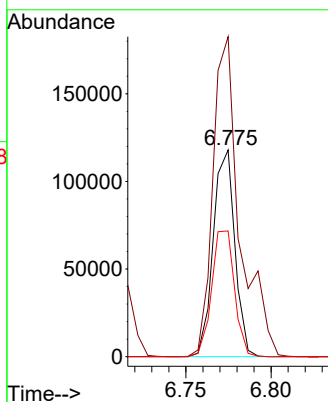
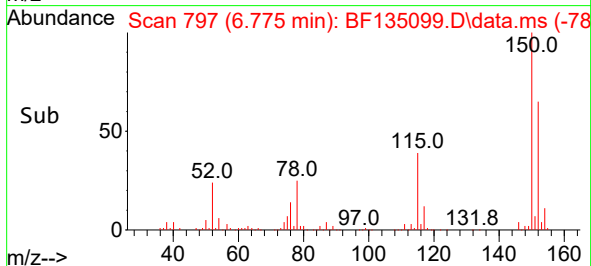
Instrument :
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 ClientSampleId :
 SB-8(12-12.5)MSD



Tgt Ion: 152 Resp: 103940
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.4
 115 60.8 51.2 76.8

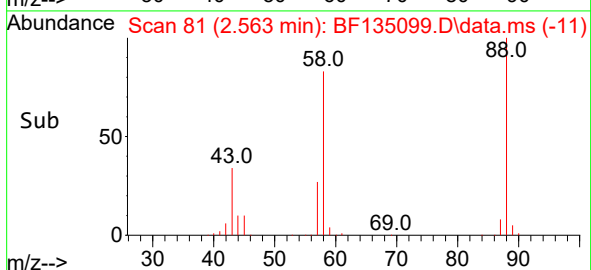
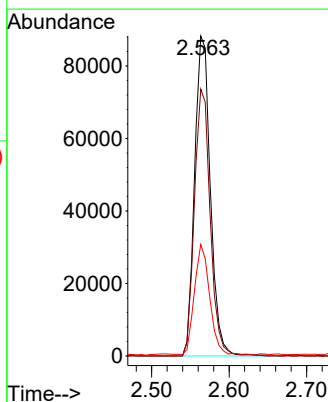
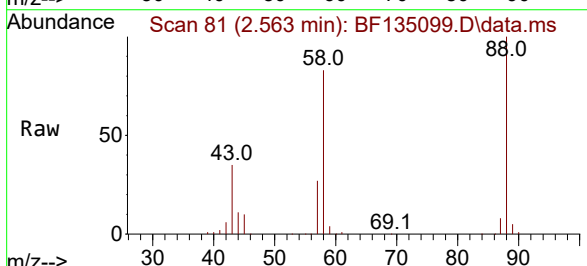
Manual Integrations
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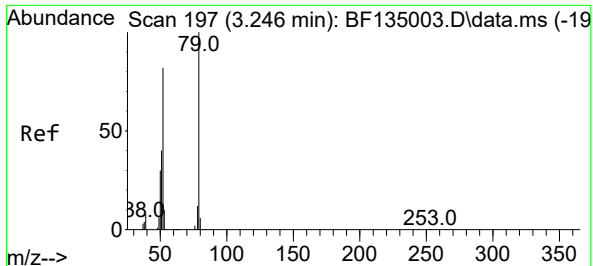
Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023



#2
 1,4-Dioxane
 Concen: 43.743 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.065 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

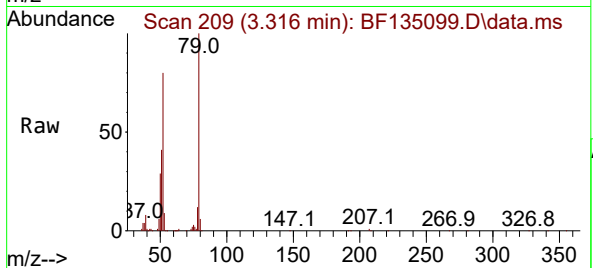
Tgt Ion: 88 Resp: 124685
 Ion Ratio Lower Upper
 88 100
 58 83.6 67.1 100.7
 43 33.8 25.9 38.9





#3
Pyridine
Concen: 40.071 ng
RT: 3.316 min Scan# 203
Delta R.T. 0.071 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

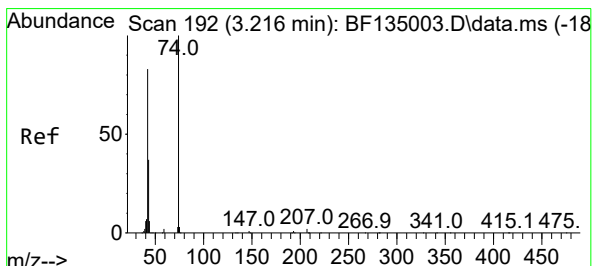
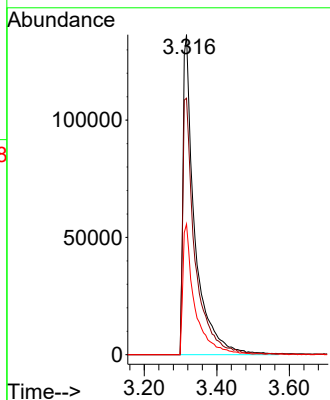
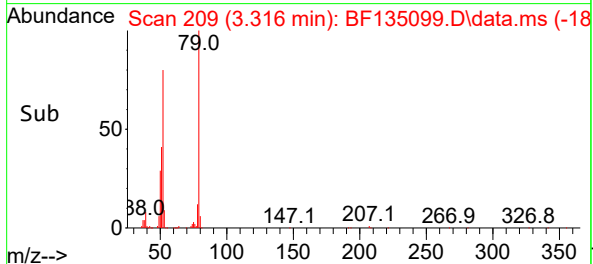
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



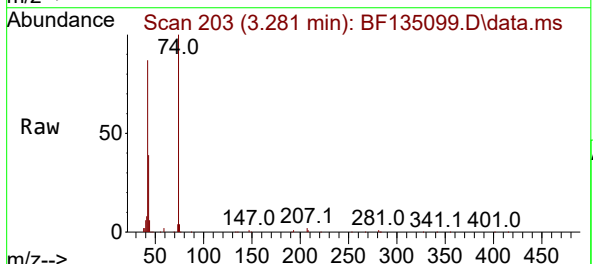
Tgt Ion: 79 Resp: 307925
Ion Ratio Lower Upper
79 100
52 80.2 65.4 98.2
51 40.8 32.6 49.0

Manual Integrations
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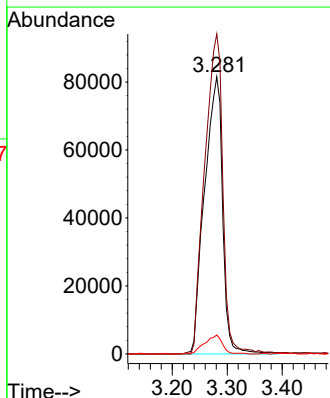
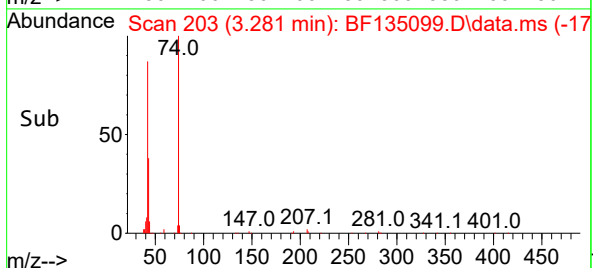
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

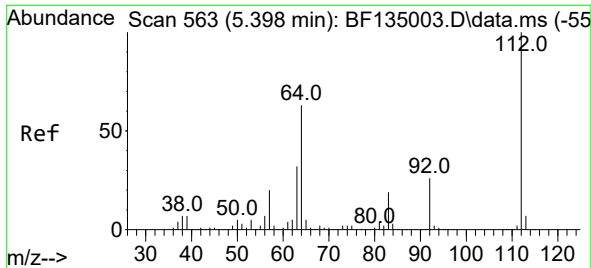


#4
n-Nitrosodimethylamine
Concen: 49.508 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.065 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion: 42 Resp: 186052
Ion Ratio Lower Upper
42 100
74 115.4 96.2 144.2
44 6.9 5.8 8.6





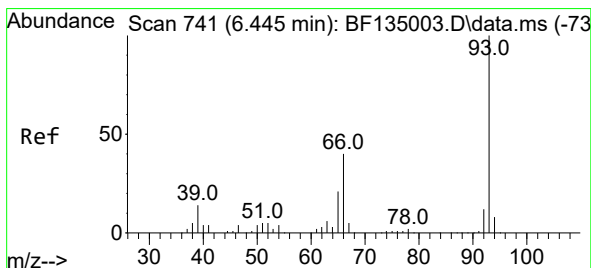
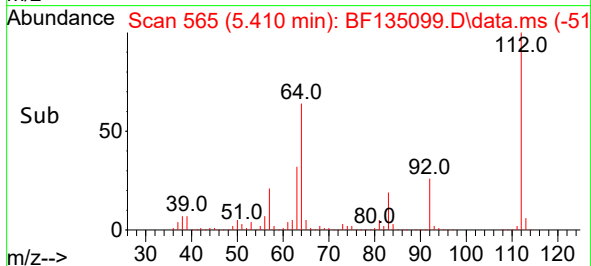
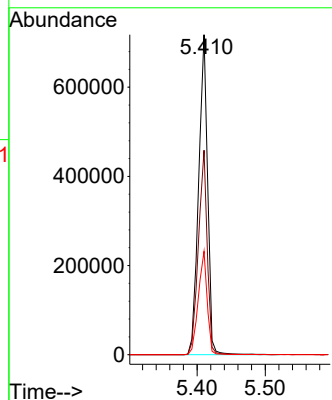
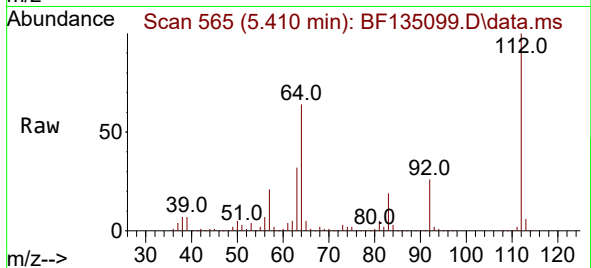
#5
2-Fluorophenol
Concen: 97.683 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:112 Resp: 657324
Ion Ratio Lower Upper
112 100
64 63.9 50.5 75.7
63 32.3 25.9 38.9

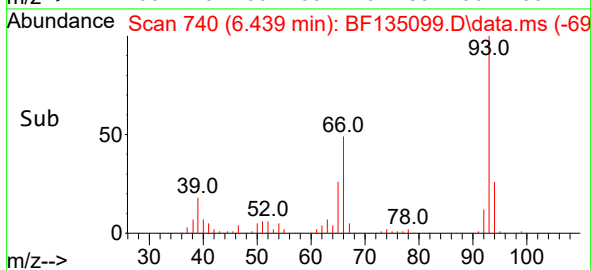
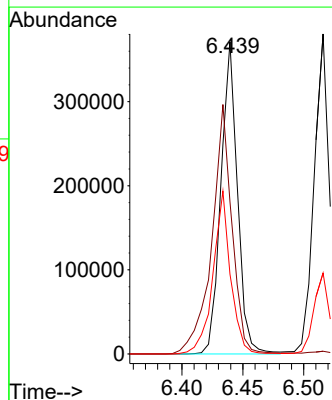
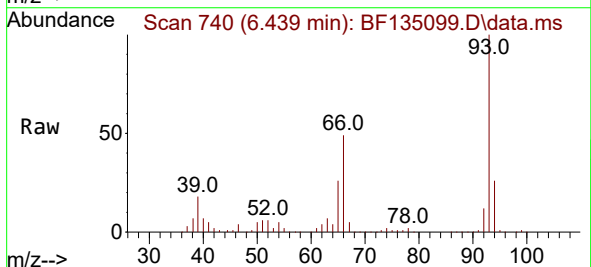
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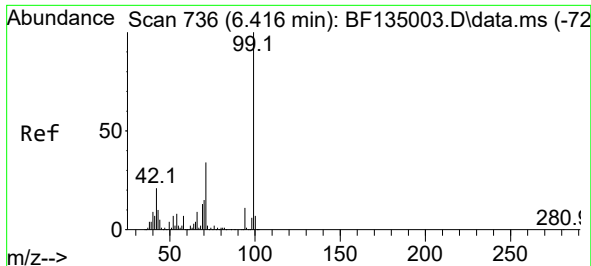
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#6
Aniline
Concen: 33.800 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

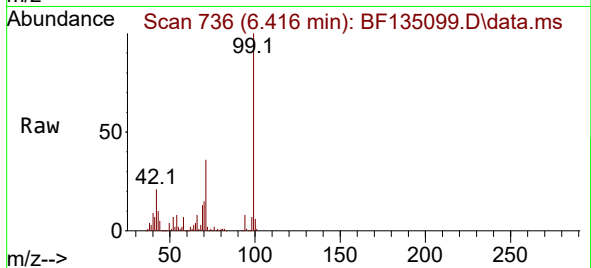
Tgt Ion: 93 Resp: 351448
Ion Ratio Lower Upper
93 100
66 48.8 32.4 48.6#
65 25.6 16.6 24.8#





#7
Phenol-d6
Concen: 95.899 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

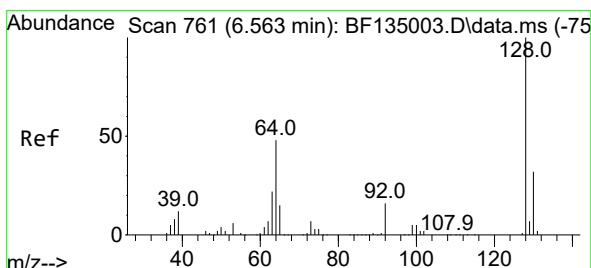
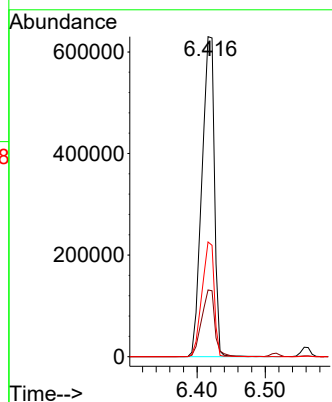
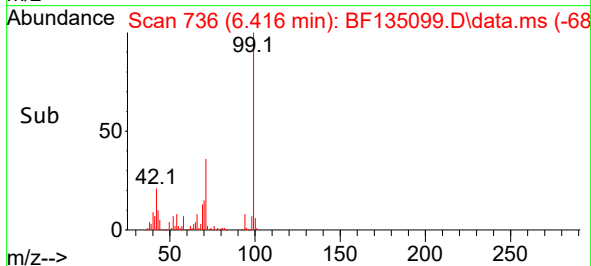
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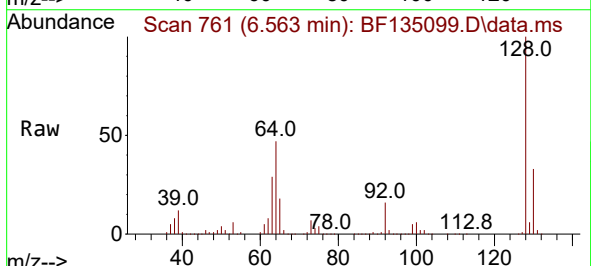
Tgt Ion: 99 Resp: 80435
Ion Ratio Lower Upper
99 100
42 20.9 16.6 25.0
71 35.9 27.0 40.6

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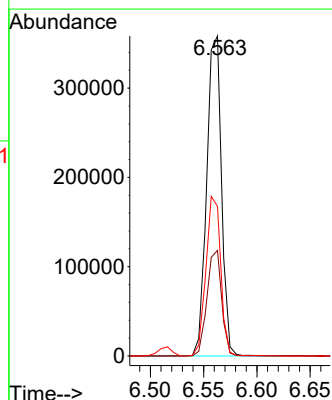
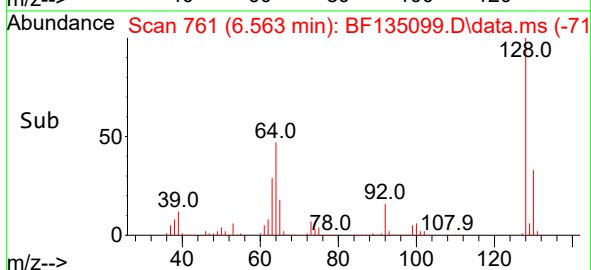
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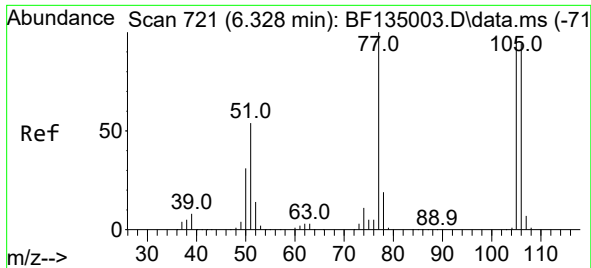


#8
2-Chlorophenol
Concen: 50.908 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



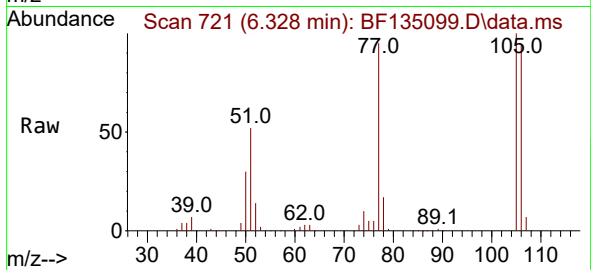
Tgt Ion:128 Resp: 348025
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 46.8 29.0 69.0





#9
Benzaldehyde
Concen: 31.436 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

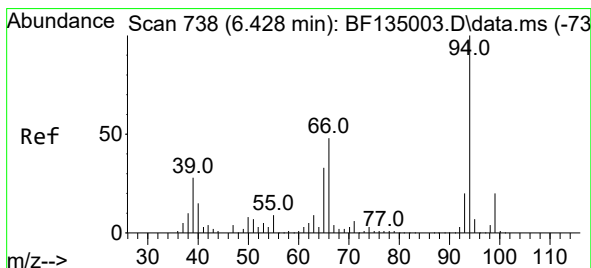
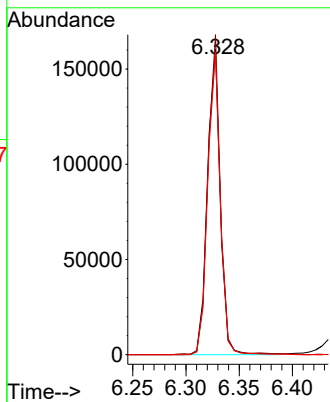
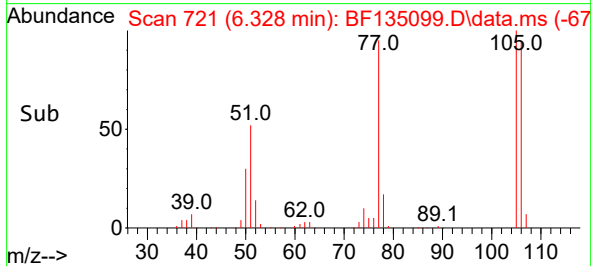
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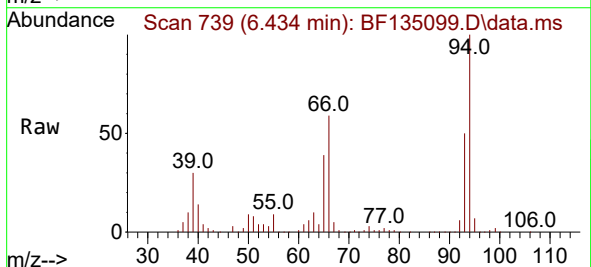
Tgt Ion: 77 Resp: 134350
Ion Ratio Lower Upper
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106 99.0 74.3 114.3

Manual Integrations
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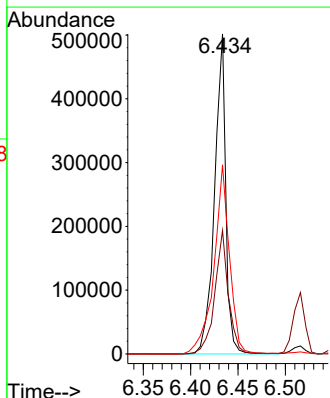
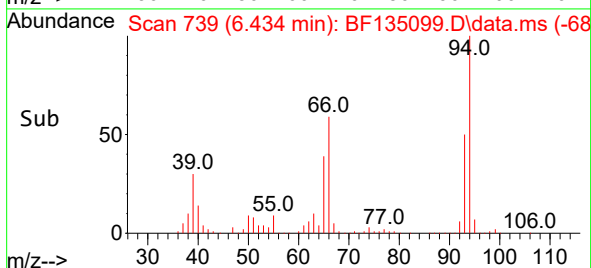
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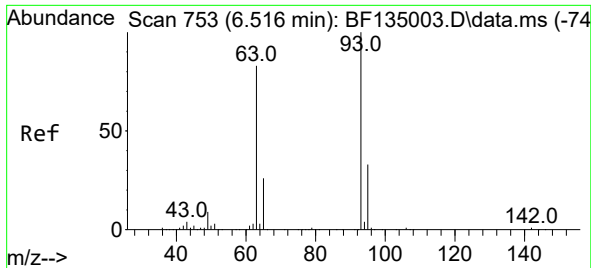


#10
Phenol
Concen: 47.051 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion: 94 Resp: 414307
Ion Ratio Lower Upper
94 100
65 38.6 13.2 53.2
66 59.1 27.5 67.5





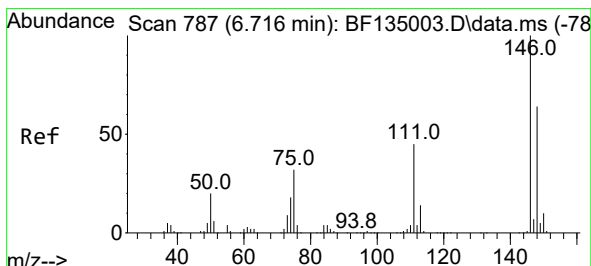
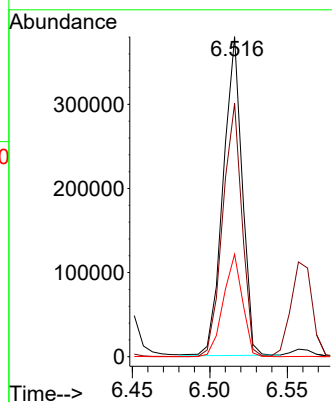
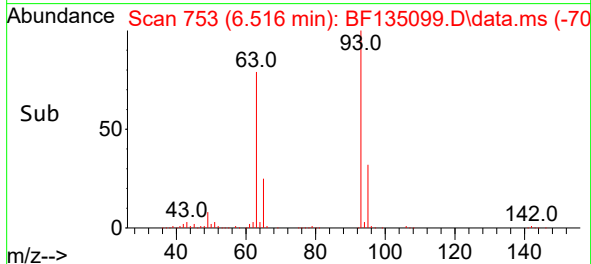
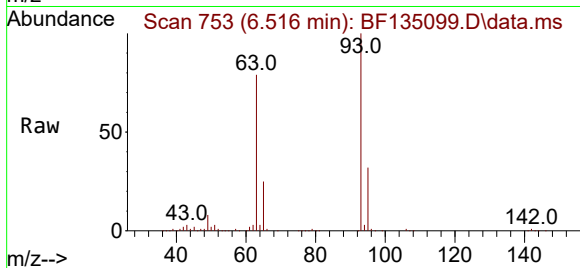
#11
bis(2-Chloroethyl)ether
Concen: 48.839 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion: 93 Resp: 323834
Ion Ratio Lower Upper
93 100
63 79.2 62.8 102.8
95 32.0 12.7 52.7

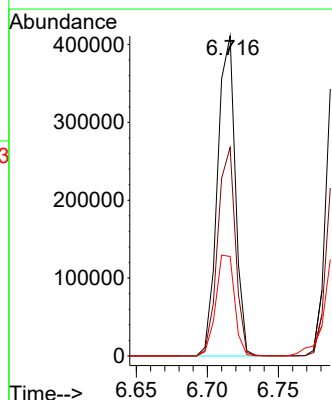
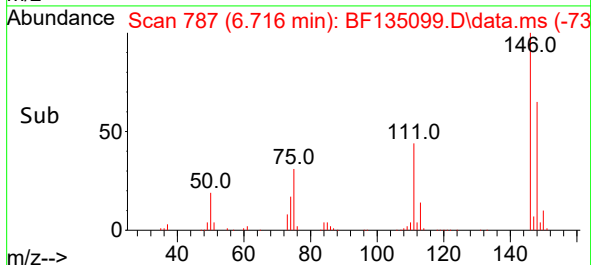
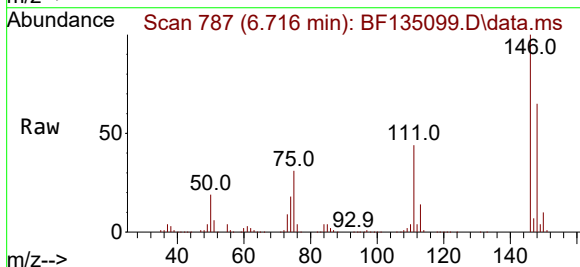
Manual Integrations
APPROVED

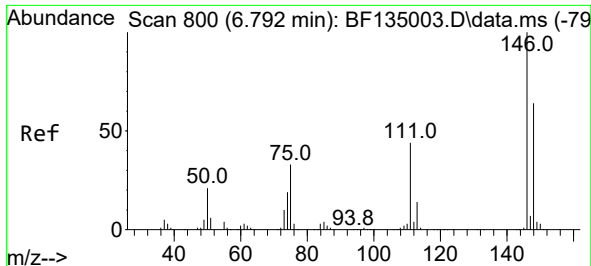
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#12
1,3-Dichlorobenzene
Concen: 50.794 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:146 Resp: 357763
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
75 31.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 51.682 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

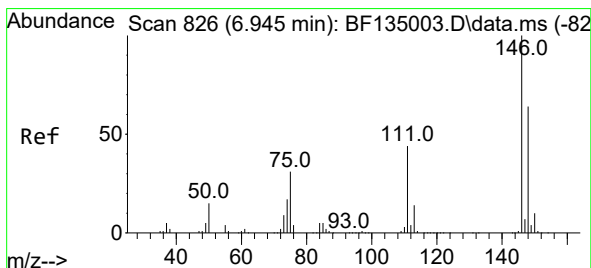
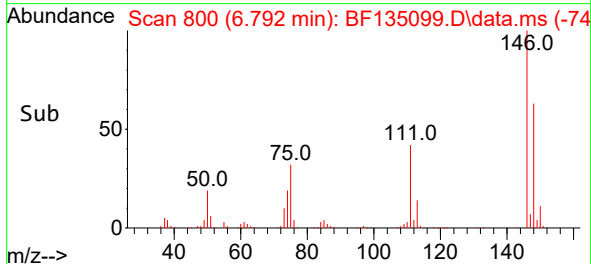
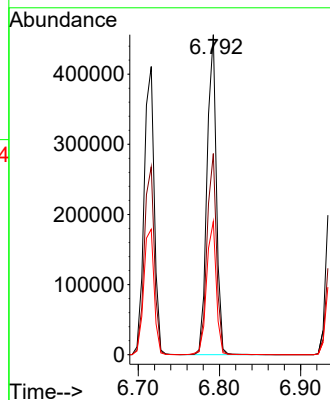
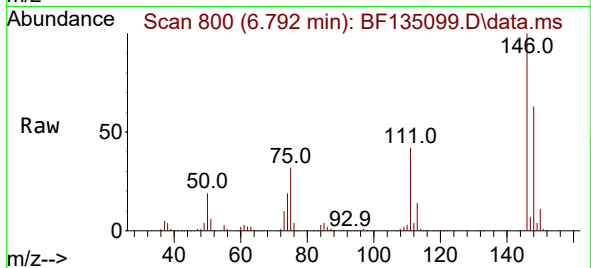
SB-8(12-12.5)MSD

Tgt Ion:146 Resp: 36433
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 41.6 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023



#14

1,2-Dichlorobenzene

Concen: 52.316 ng

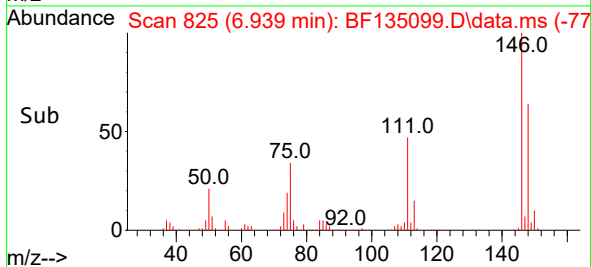
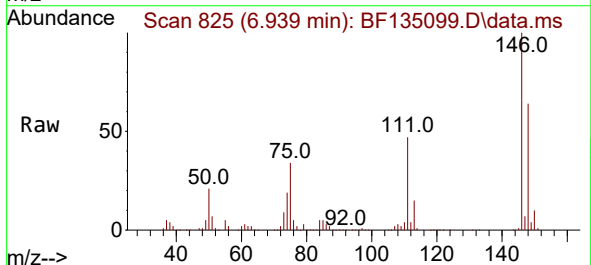
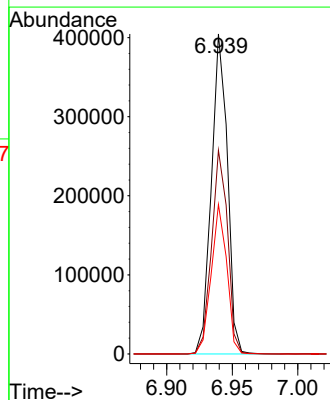
RT: 6.939 min Scan# 825

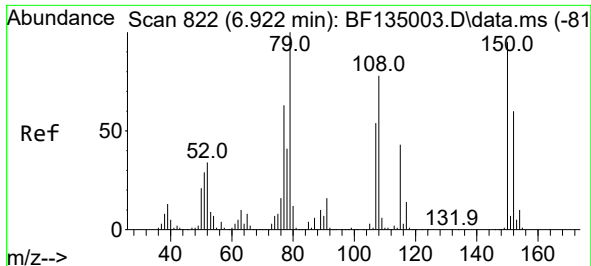
Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

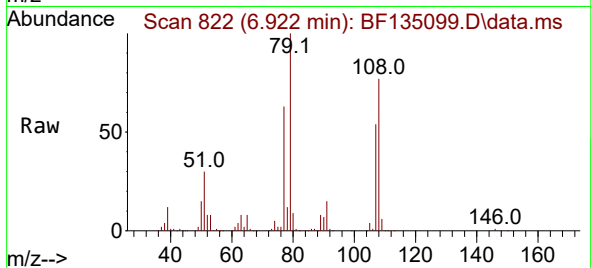
Tgt Ion:146 Resp: 344153
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 46.7 35.3 52.9





#15
Benzyl Alcohol
Concen: 51.380 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

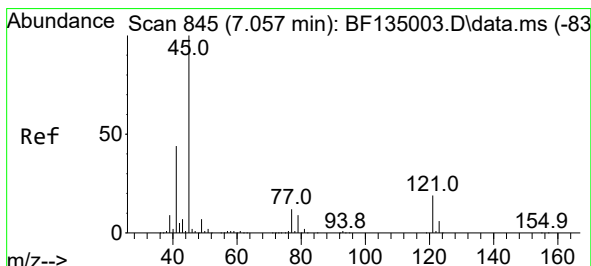
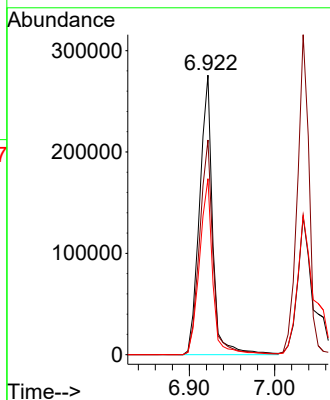
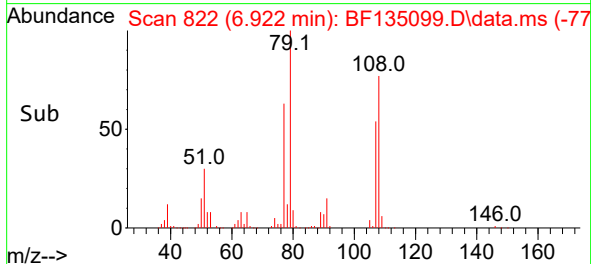
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion: 79 Resp: 295248
Ion Ratio Lower Upper
79 100
108 76.9 62.5 93.7
77 63.0 50.4 75.6

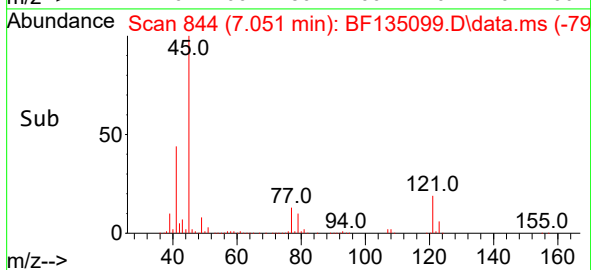
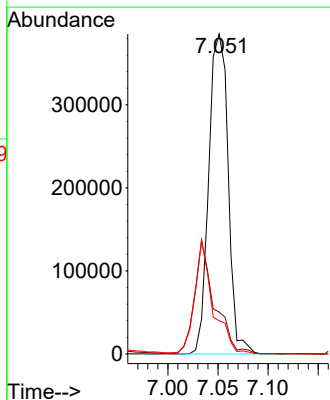
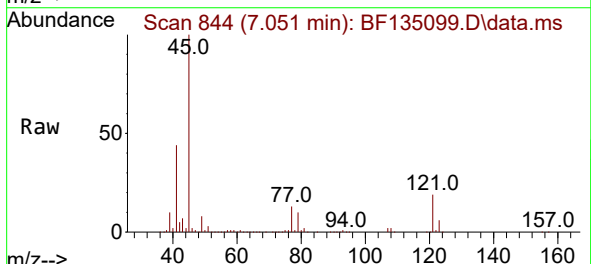
Manual Integrations
APPROVED

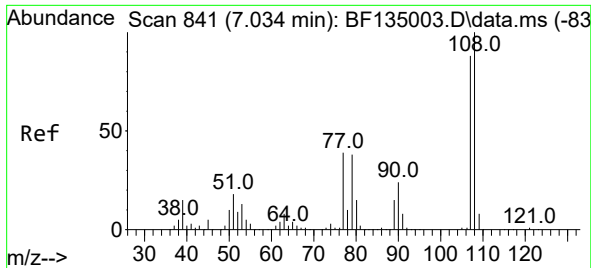
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.778 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

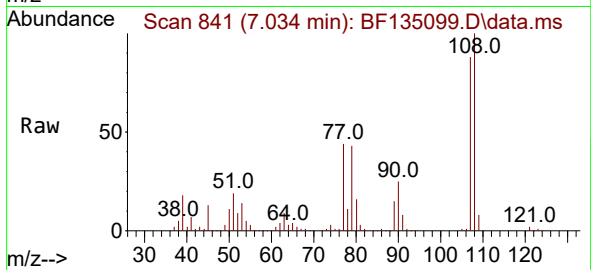
Tgt Ion: 45 Resp: 519418
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.3
79 10.4 0.0 29.5





#17
2-Methylphenol
Concen: 44.204 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

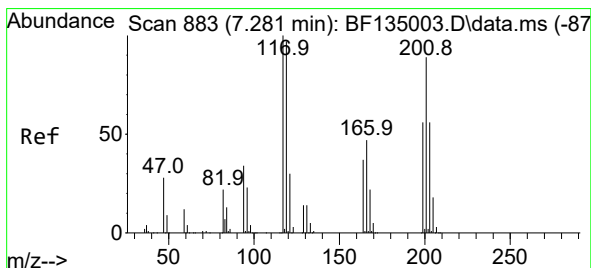
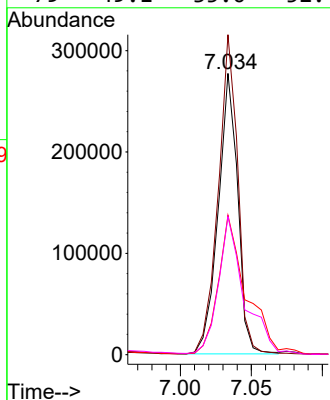
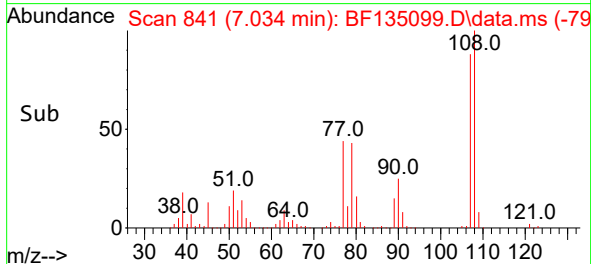
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:107 Resp: 263335
Ion Ratio Lower Upper
107 100
108 113.8 91.2 136.8
77 49.6 36.0 54.0
79 49.1 35.0 52.4

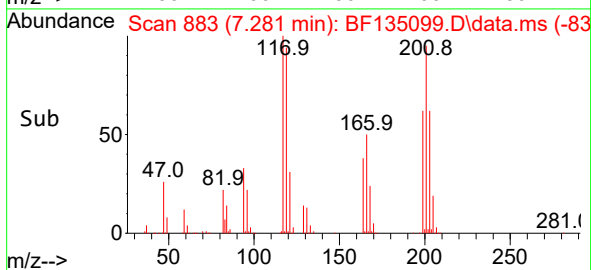
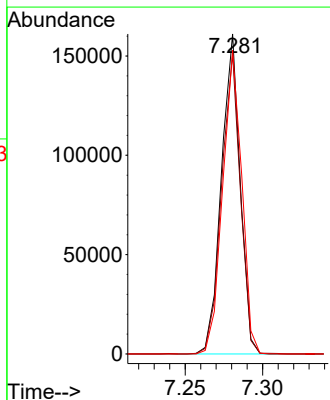
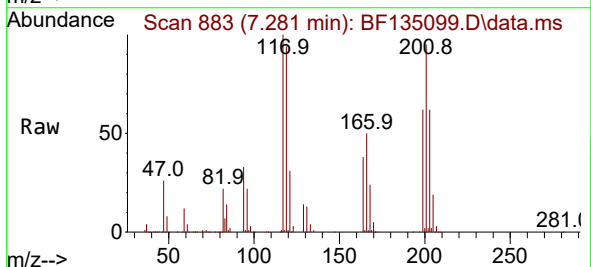
Manual Integrations
APPROVED

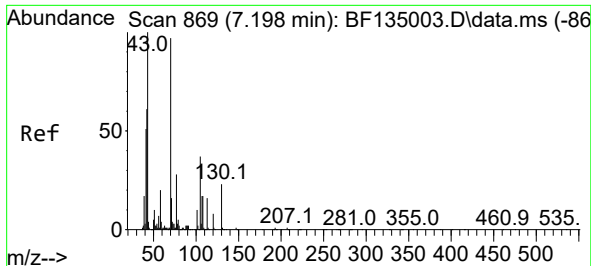
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#18
Hexachloroethane
Concen: 51.843 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

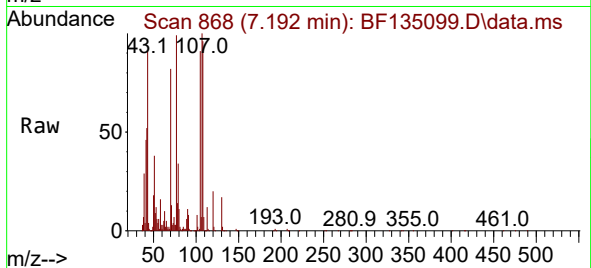
Tgt Ion:117 Resp: 135379
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.2
201 95.0 71.4 107.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.718 ng
RT: 7.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

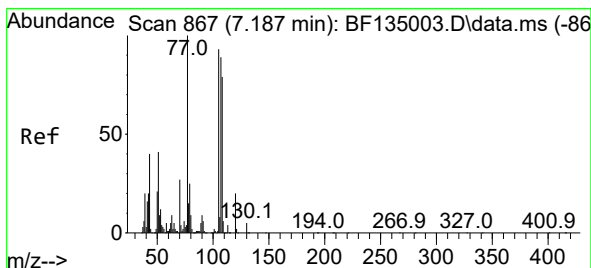
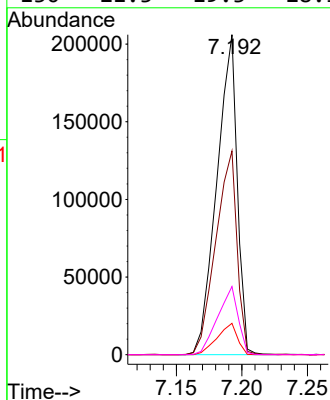
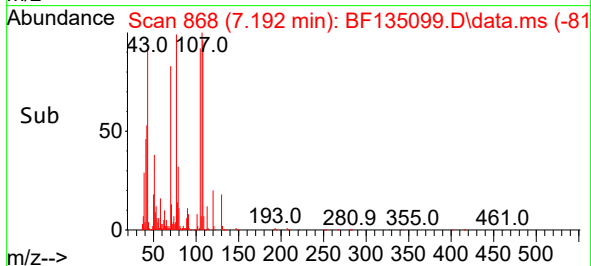
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



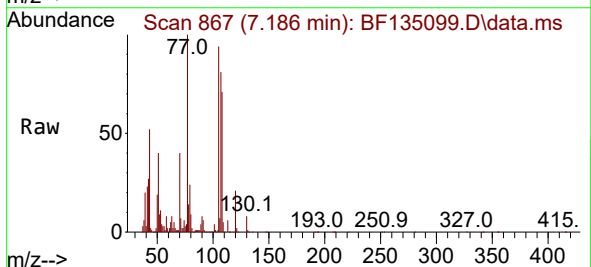
Tgt Ion: 70 Resp: 222792
Ion Ratio Lower Upper
70 100
42 63.6 50.2 75.4
101 9.8 8.1 12.1
130 21.3 19.3 28.9

Manual Integrations
APPROVED

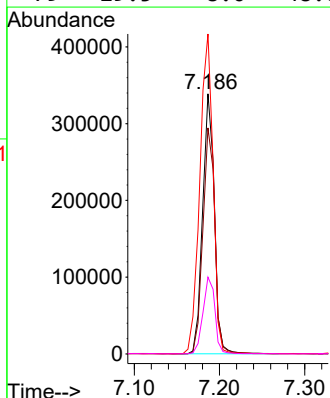
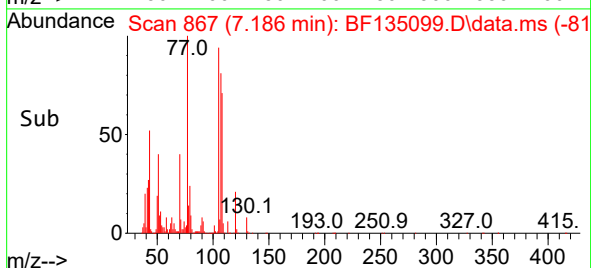
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

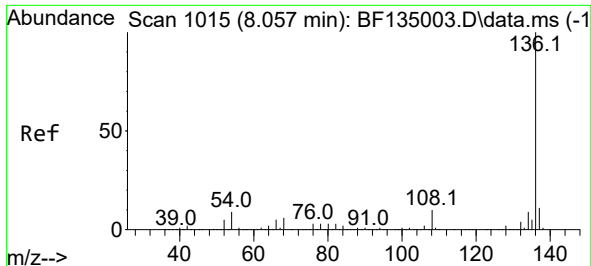


#20
3+4-Methylphenols
Concen: 45.768 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion:107 Resp: 321656
Ion Ratio Lower Upper
107 100
108 86.9 68.6 108.6
77 123.0 92.3 132.3
79 29.5 8.0 48.0





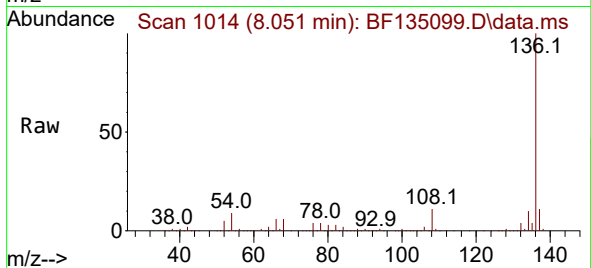
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

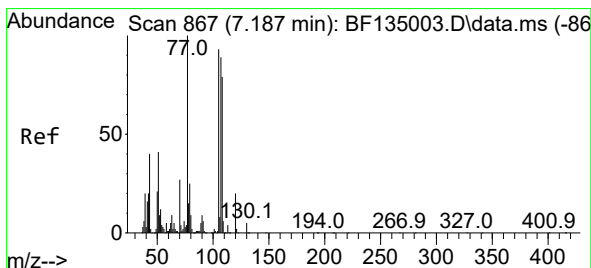
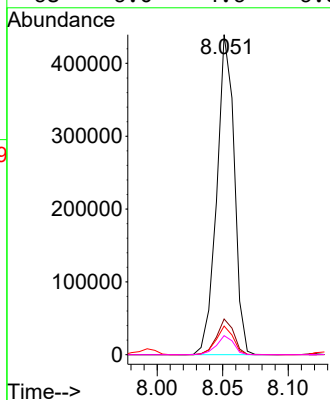
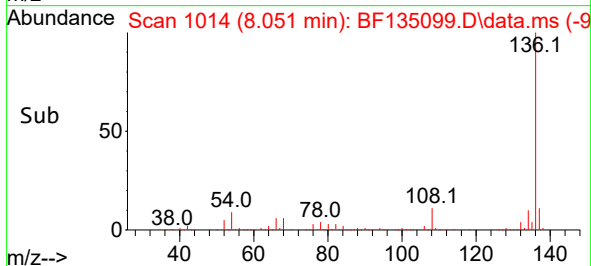


Tgt Ion:136 Resp: 406680
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 7.0 10.4
68 6.0 4.6 6.8

Manual Integrations

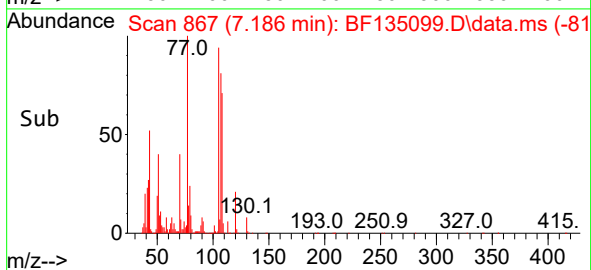
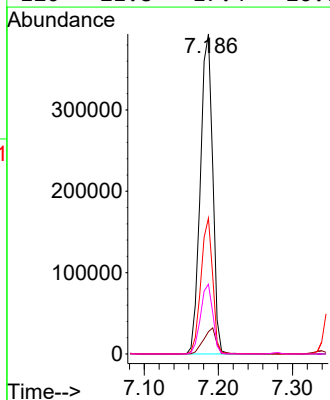
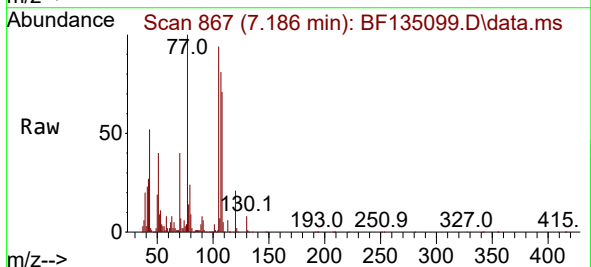
APPROVED

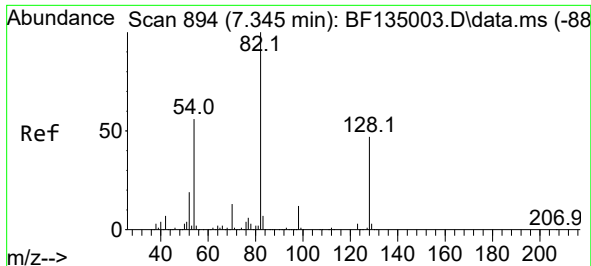
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#22
Acetophenone
Concen: 50.293 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

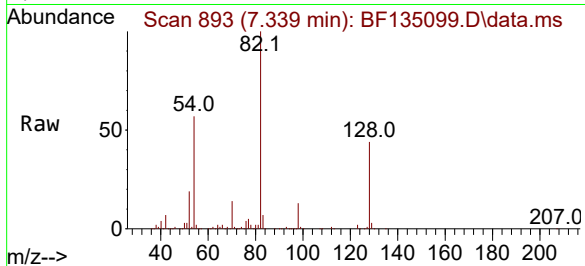
Tgt Ion:105 Resp: 454947
Ion Ratio Lower Upper
105 100
71 7.0 3.8 5.6#
51 42.5 35.0 52.6
120 21.8 17.4 26.0





#23
Nitrobenzene-d5
Concen: 70.313 ng
RT: 7.339 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

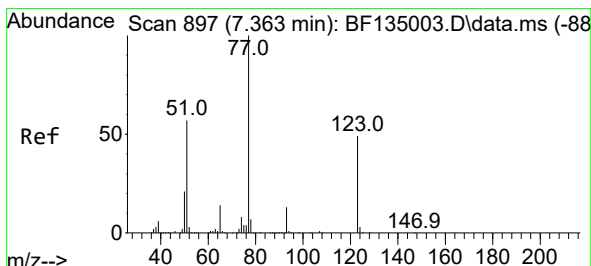
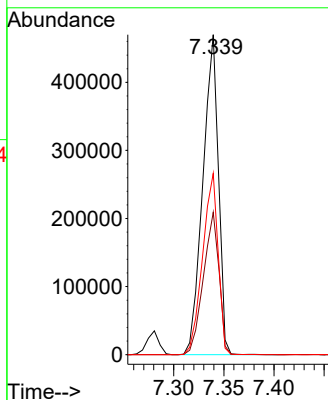
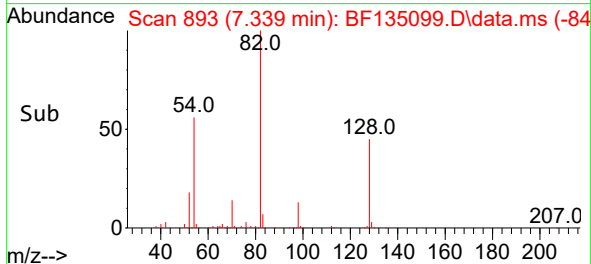
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion: 82 Resp: 50899
Ion Ratio Lower Upper
82 100
128 44.5 37.8 56.8
54 56.7 45.0 67.6

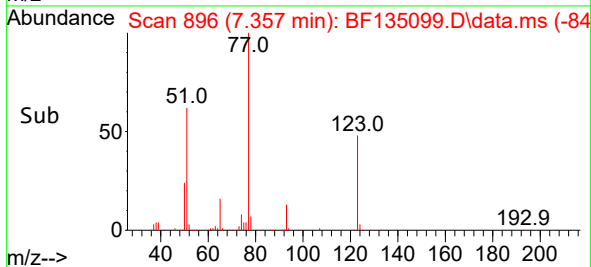
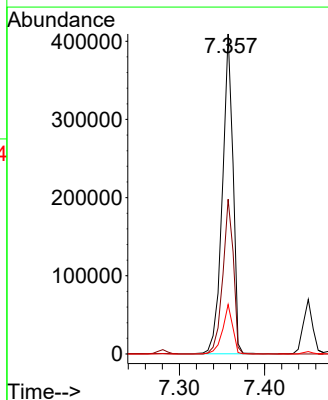
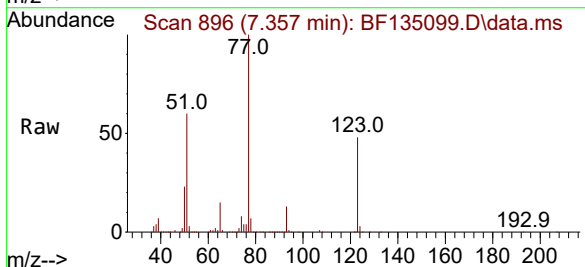
Manual Integrations
APPROVED

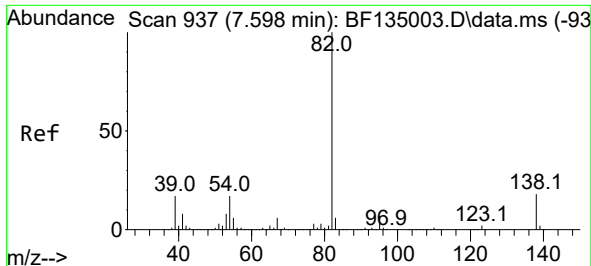
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#24
Nitrobenzene
Concen: 47.620 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

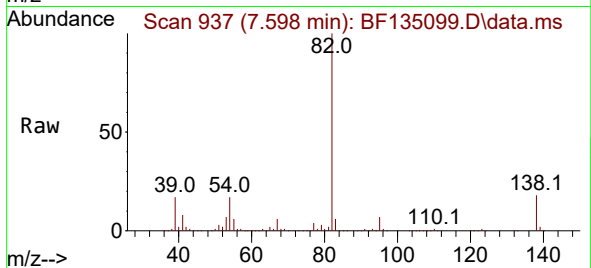
Tgt Ion: 77 Resp: 353602
Ion Ratio Lower Upper
77 100
123 48.3 39.4 59.2
65 15.4 11.4 17.2





#25
Isophorone
Concen: 46.765 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

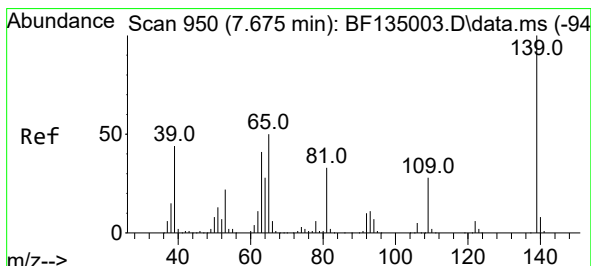
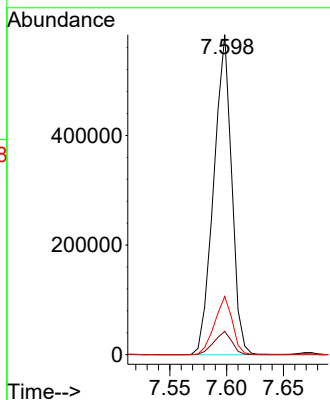
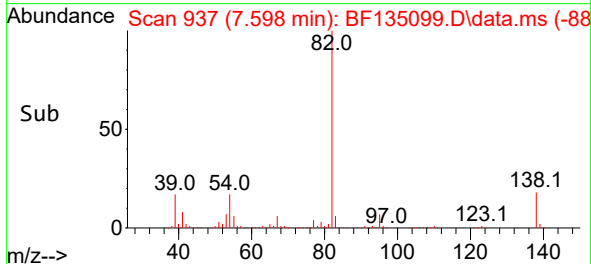
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



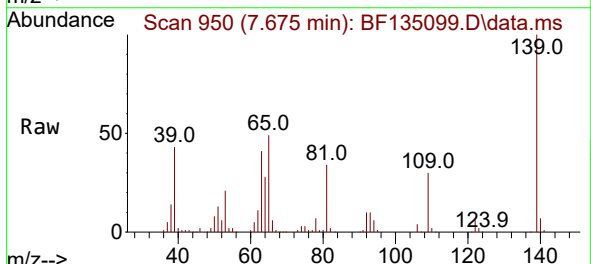
Tgt Ion: 82 Resp: 641844
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.2 14.7 22.1

Manual Integrations
APPROVED

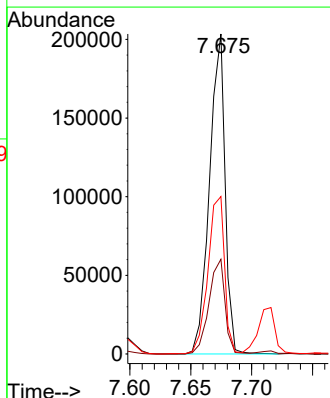
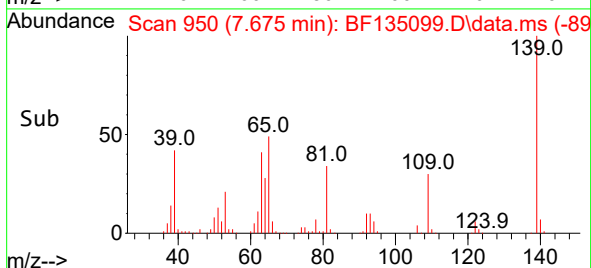
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

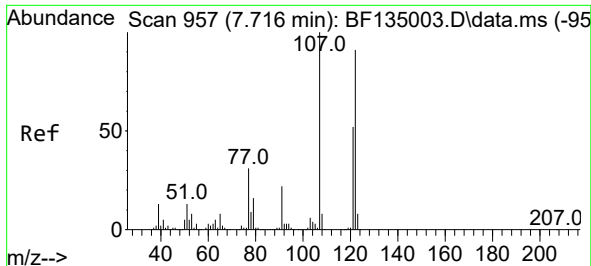


#26
2-Nitrophenol
Concen: 49.390 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion:139 Resp: 181200
Ion Ratio Lower Upper
139 100
109 29.6 22.6 34.0
65 49.2 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 44.973 ng

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135099.D

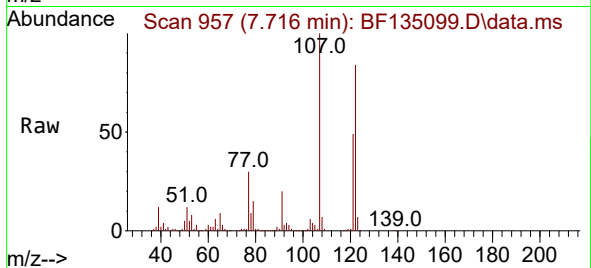
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



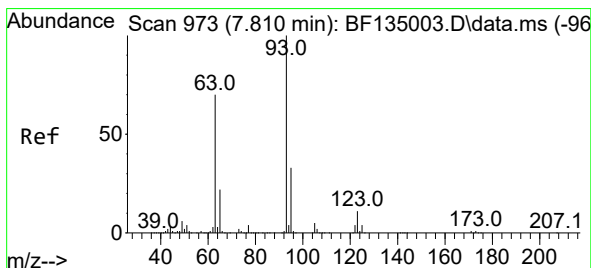
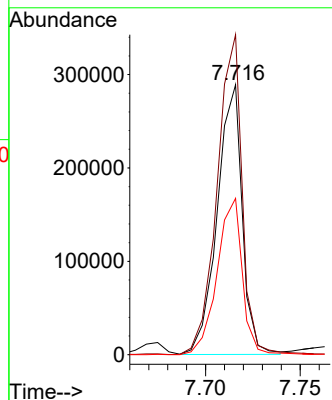
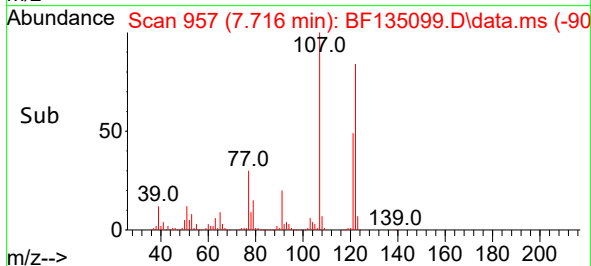
Tgt Ion:	122	Resp:	265634
Ion Ratio	Lower	Upper	
122	100		
107	118.5	87.8	131.8
121	57.9	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.869 ng

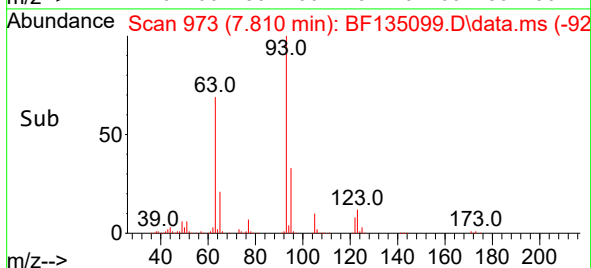
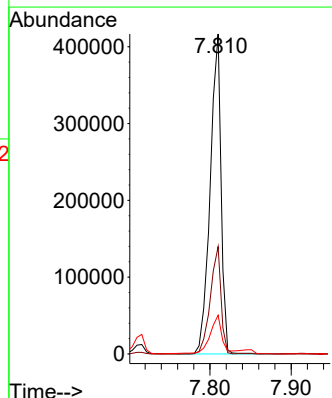
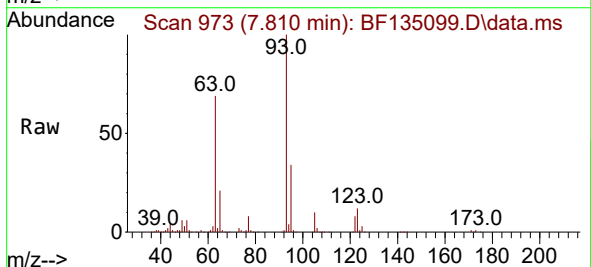
RT: 7.810 min Scan# 973

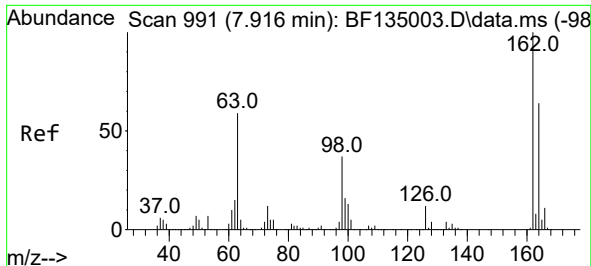
Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Tgt Ion:	93	Resp:	388037
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.0	39.0
123	12.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 47.907 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135099.D

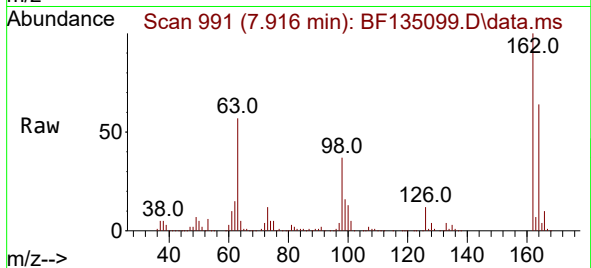
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



Tgt Ion:162 Resp: 26893

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

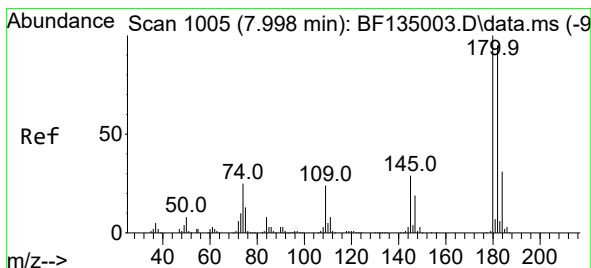
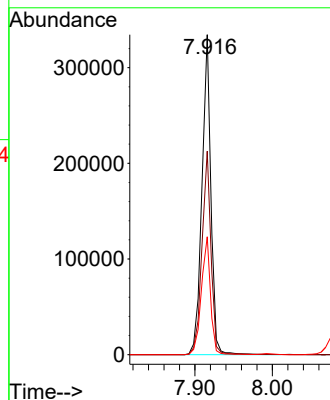
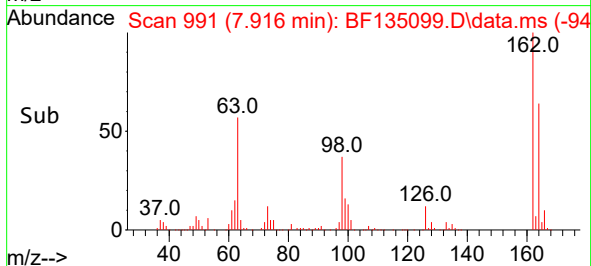
98 36.8 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.944 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

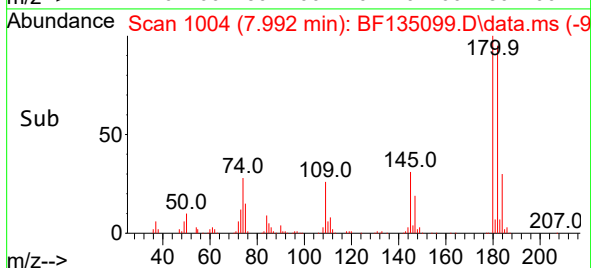
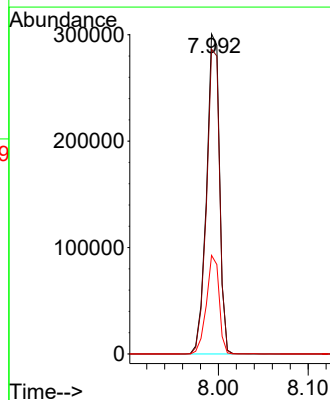
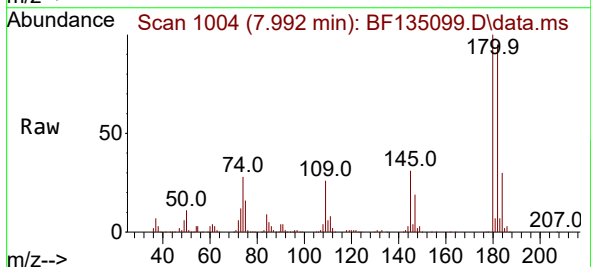
Tgt Ion:180 Resp: 302984

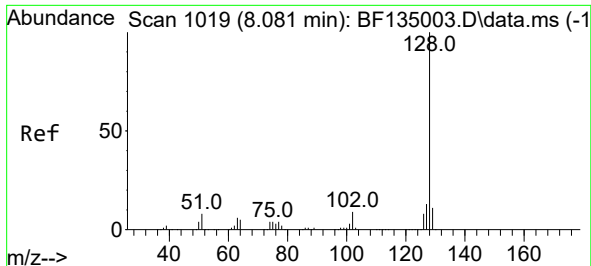
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

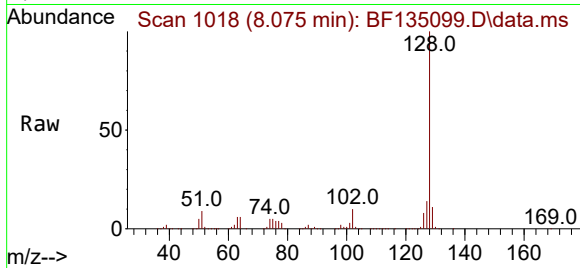
145 30.8 23.5 35.3





#31
Naphthalene
Concen: 47.814 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

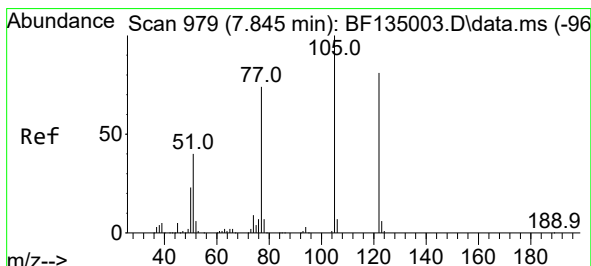
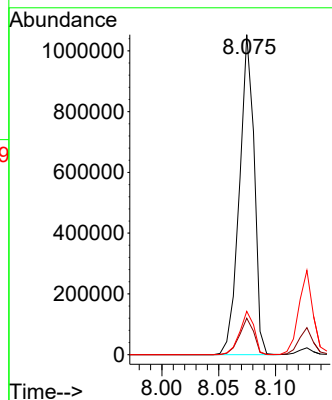
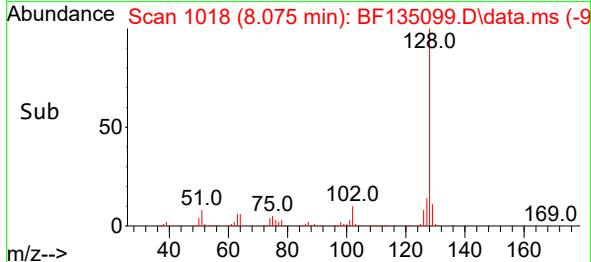
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:128 Resp: 949885
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.6 10.6 16.0

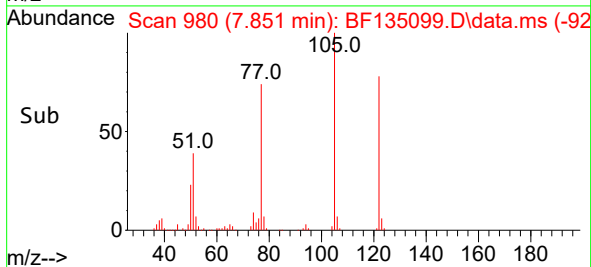
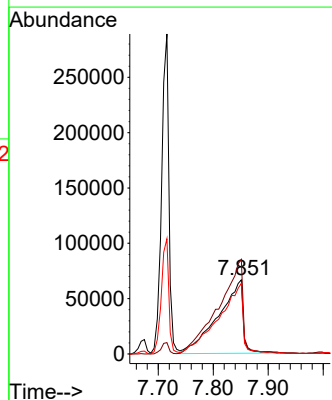
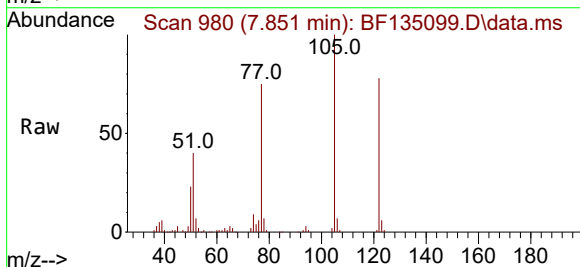
Manual Integrations
APPROVED

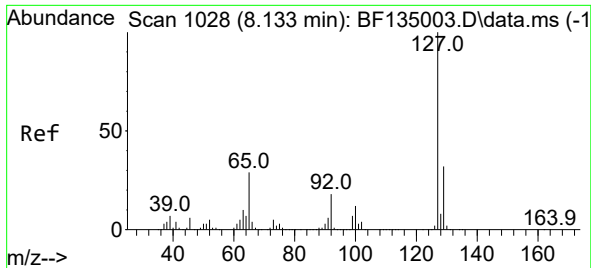
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#32
Benzoic acid
Concen: 44.301 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:122 Resp: 209316
Ion Ratio Lower Upper
122 100
105 127.8 99.8 139.8
77 95.4 69.5 109.5





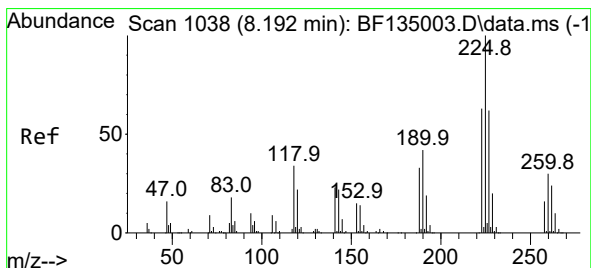
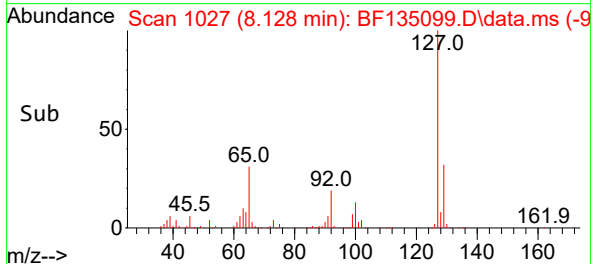
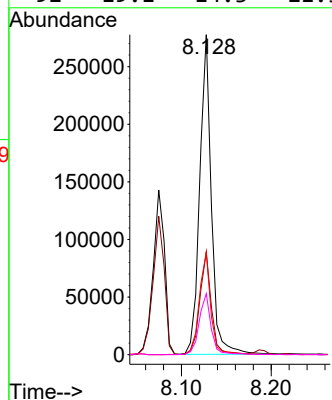
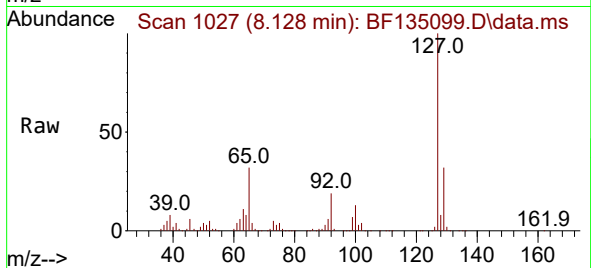
#33
4-Chloroaniline
Concen: 28.860 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:127 Resp: 250770
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 31.9 23.1 34.7
92 19.1 14.3 21.5

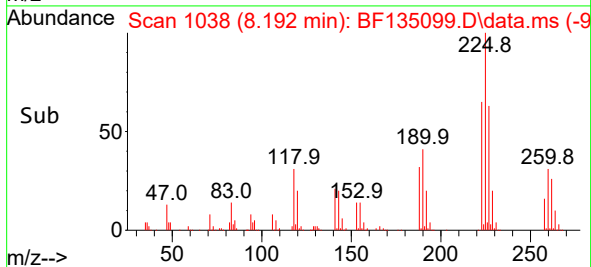
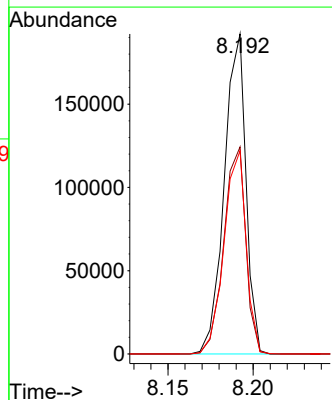
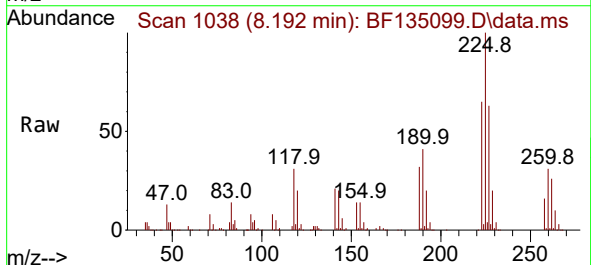
Manual Integrations
APPROVED

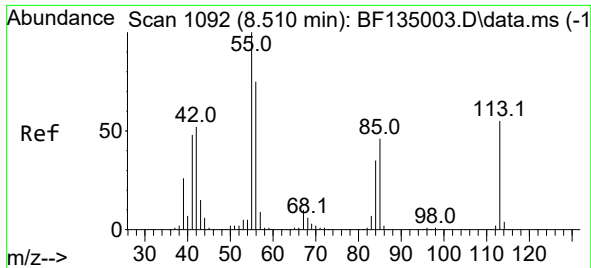
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#34
Hexachlorobutadiene
Concen: 49.420 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:225 Resp: 170142
Ion Ratio Lower Upper
225 100
223 64.7 50.7 76.1
227 63.5 49.6 74.4





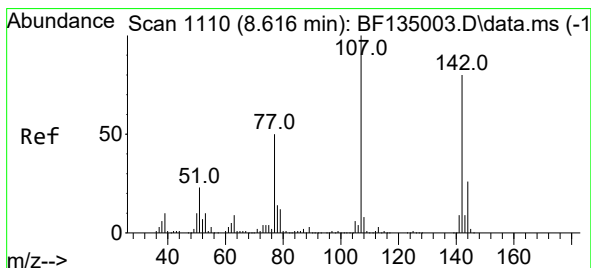
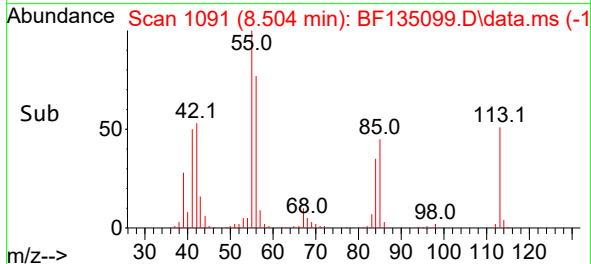
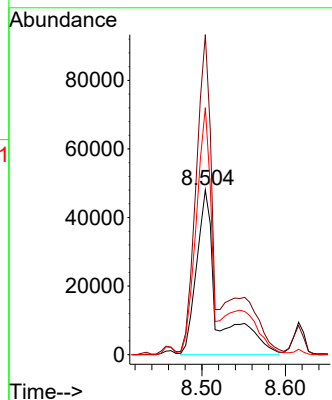
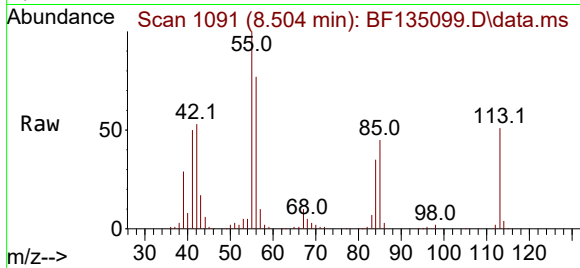
#35
Caprolactam
Concen: 46.649 ng m
RT: 8.504 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:113 Resp: 8574
Ion Ratio Lower Upper
113 100
55 194.2 160.6 200.6
56 150.0 115.4 155.4

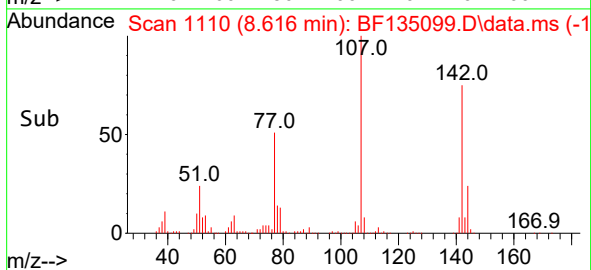
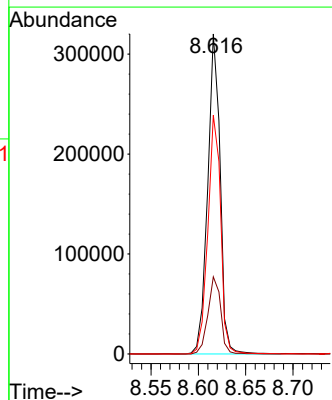
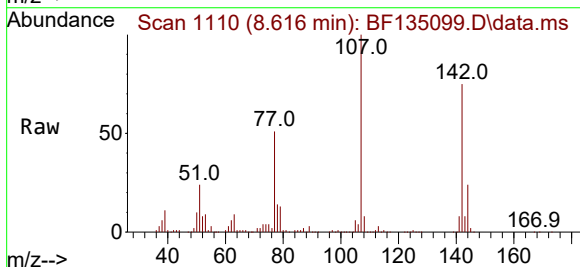
Manual Integrations
APPROVED

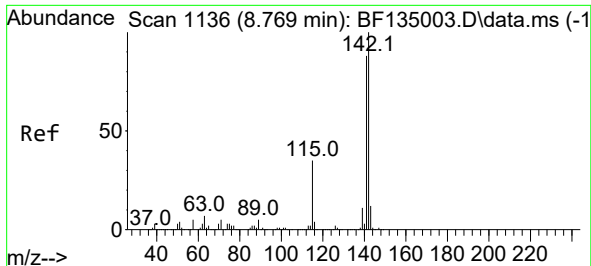
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#36
4-Chloro-3-methylphenol
Concen: 47.816 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:107 Resp: 291544
Ion Ratio Lower Upper
107 100
144 24.1 20.6 31.0
142 74.6 64.4 96.6





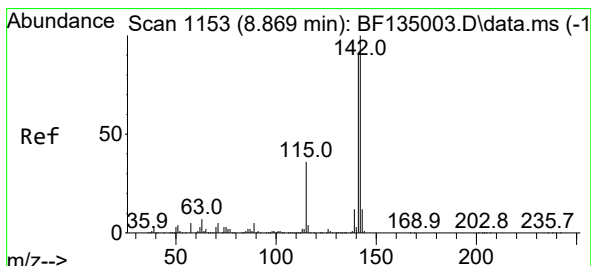
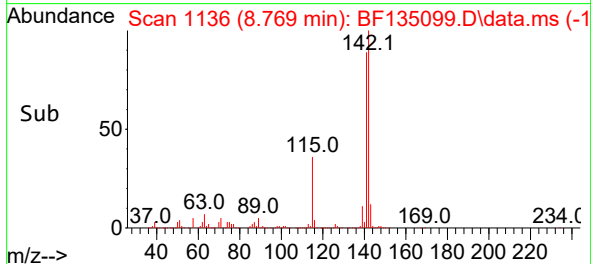
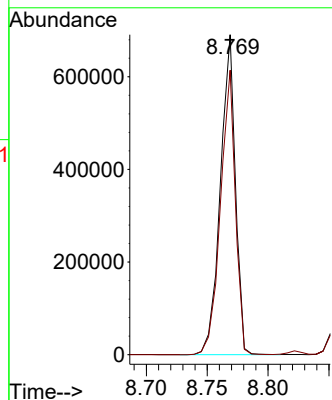
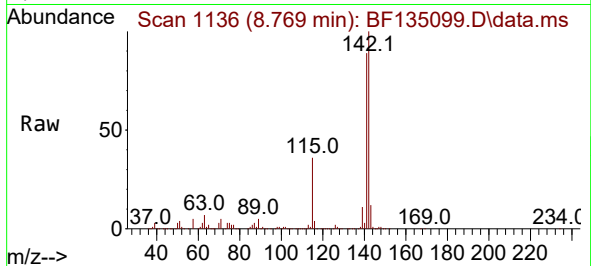
#37
2-Methylnaphthalene
Concen: 44.728 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:142 Resp: 59288
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1

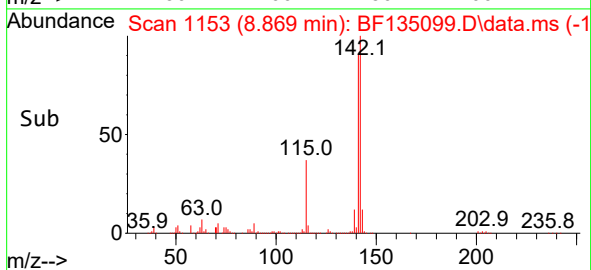
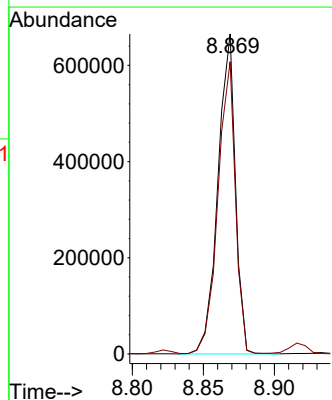
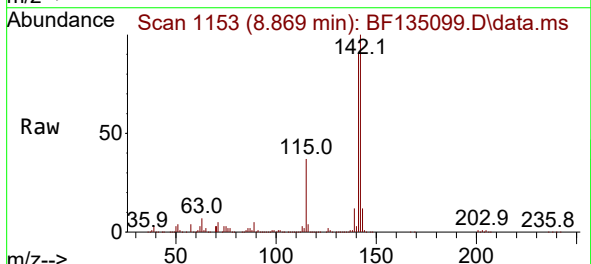
Manual Integrations
APPROVED

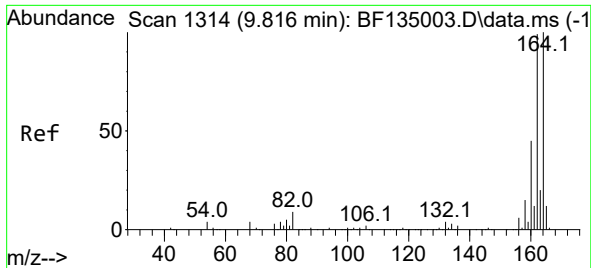
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#38
1-Methylnaphthalene
Concen: 45.698 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

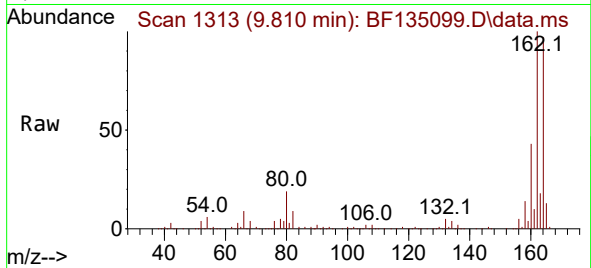
Tgt Ion:142 Resp: 566780
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

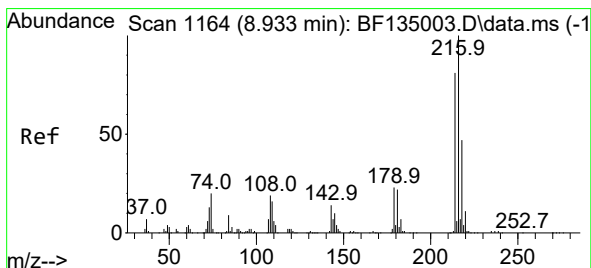
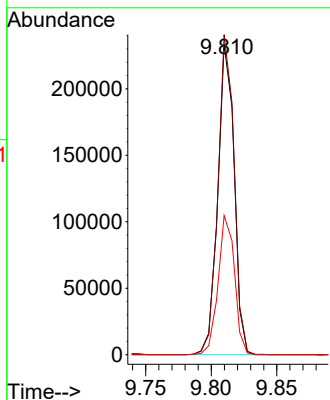
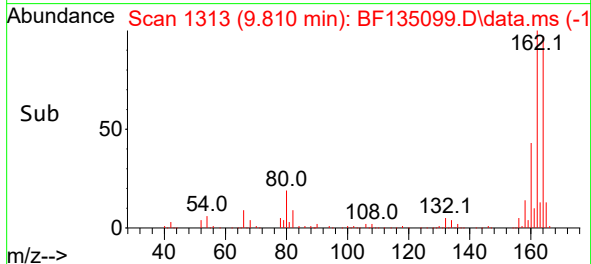
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



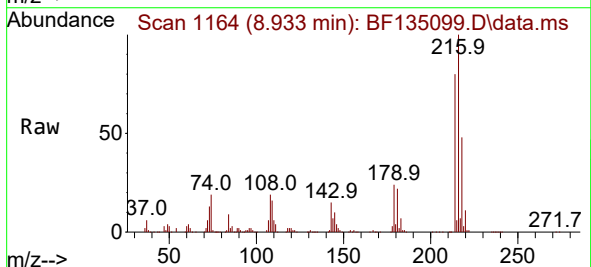
Tgt Ion:164 Resp: 202019
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 36.0 54.0

Manual Integrations
APPROVED

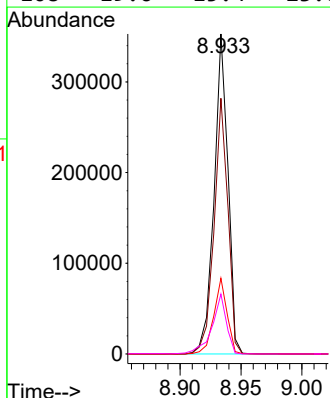
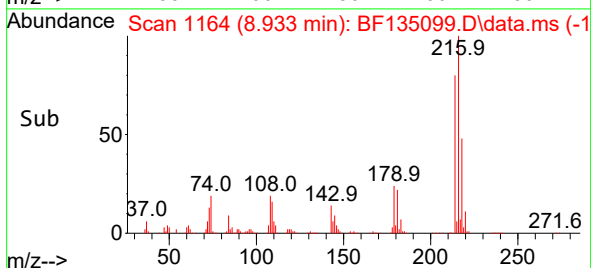
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

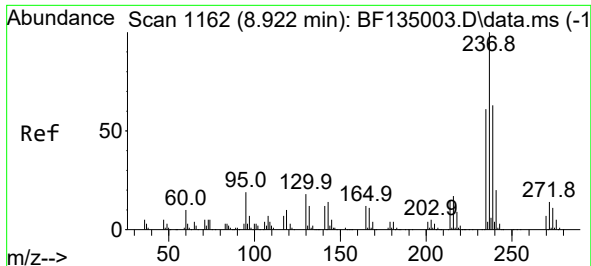


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.205 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



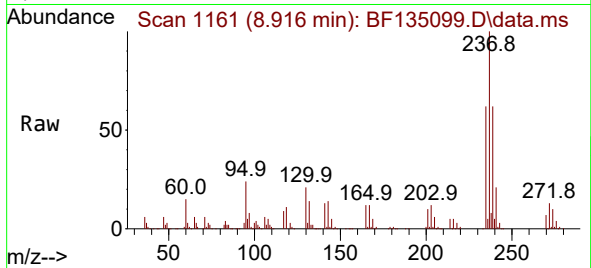
Tgt Ion:216 Resp: 278268
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 22.7 17.7 26.5
108 19.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 63.822 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

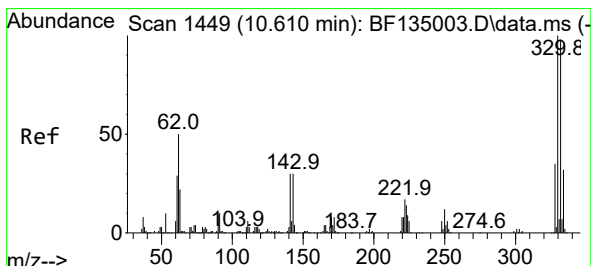
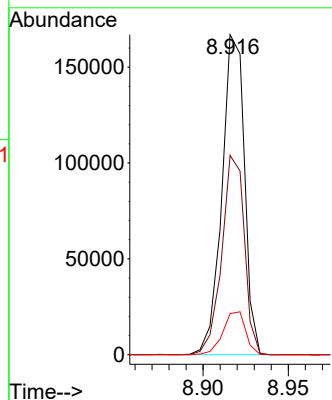
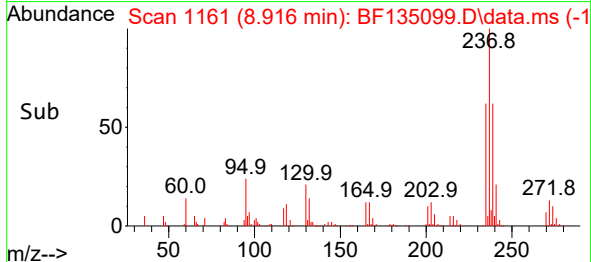
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



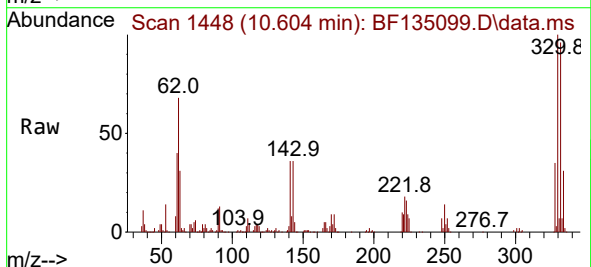
Tgt Ion: 237 Resp: 153620
Ion Ratio Lower Upper
237 100
235 62.2 40.9 80.9
272 12.8 0.0 33.9

Manual Integrations
APPROVED

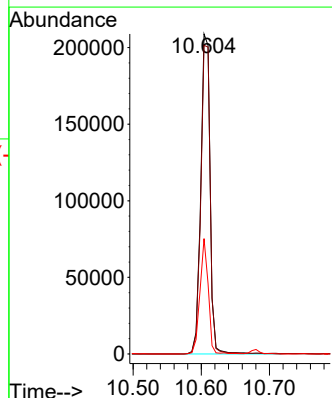
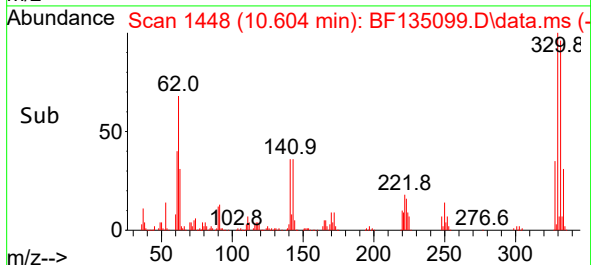
Reviewed By : Yogesh Patel 09/06/2023
Supervised By : mohammad ahmed 09/07/2023

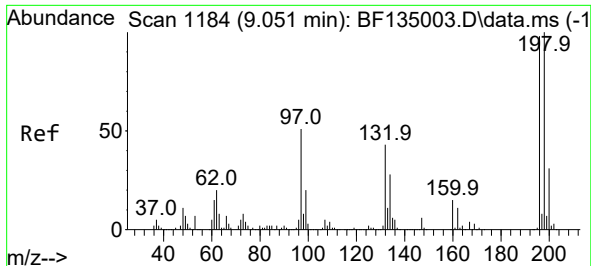


#42
2,4,6-Tribromophenol
Concen: 92.666 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



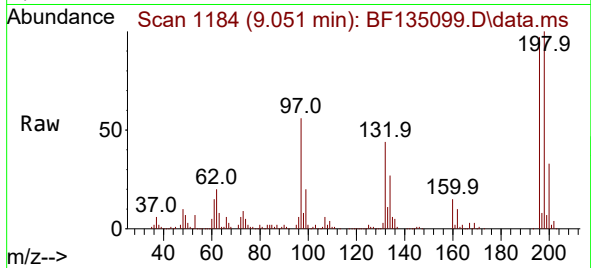
Tgt Ion: 330 Resp: 198582
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 32.3 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 47.994 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

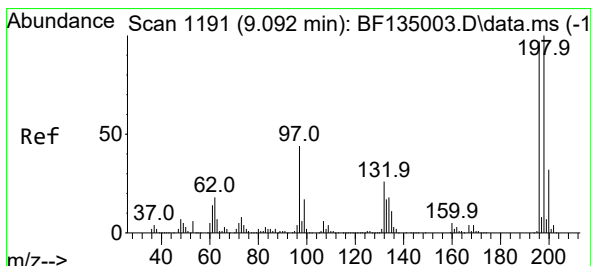
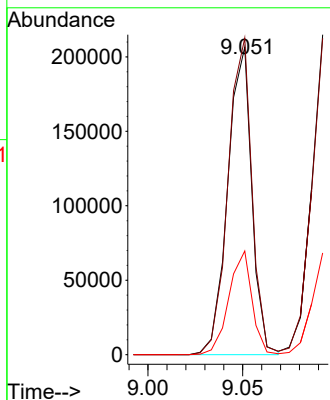
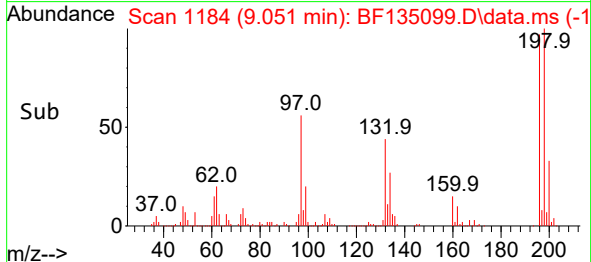
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:196 Resp: 182279
Ion Ratio Lower Upper
196 100
198 102.9 81.8 122.6
200 33.7 25.7 38.5

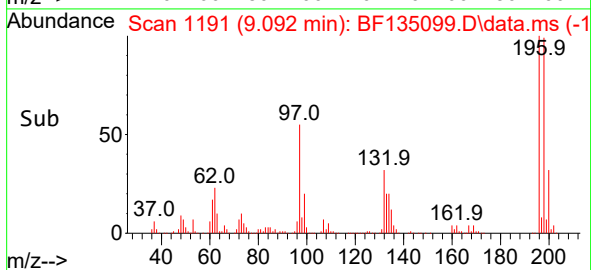
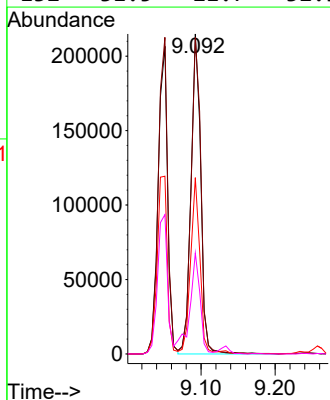
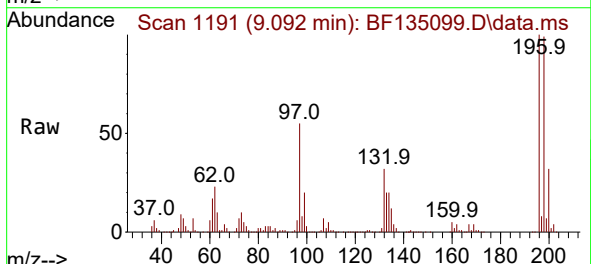
Manual Integrations
APPROVED

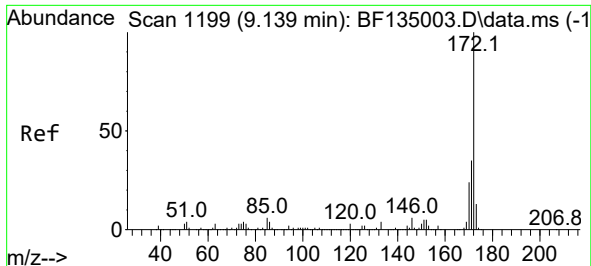
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#44
2,4,5-Trichlorophenol
Concen: 44.921 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:196 Resp: 197521
Ion Ratio Lower Upper
196 100
198 98.9 82.8 124.2
97 55.1 36.5 54.7#
132 31.5 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 68.686 ng

RT: 9.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:172 Resp: 852269

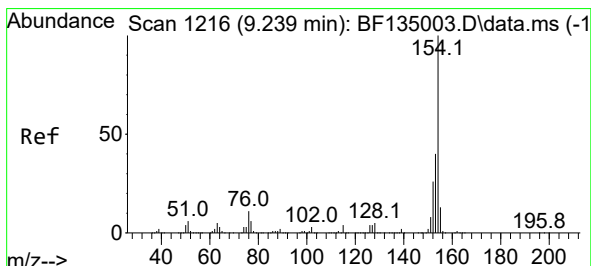
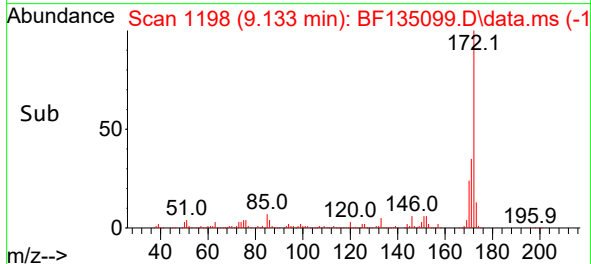
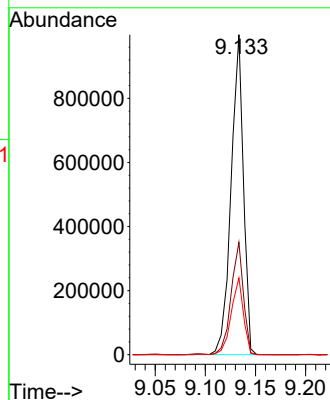
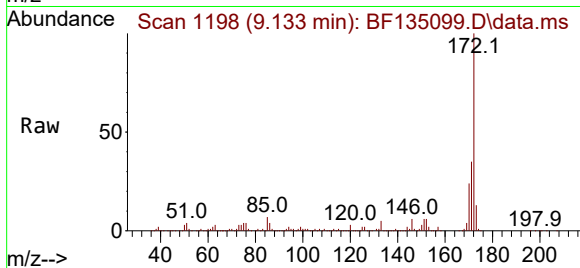
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	24.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#46

1,1'-Biphenyl

Concen: 48.391 ng

RT: 9.233 min Scan# 1215

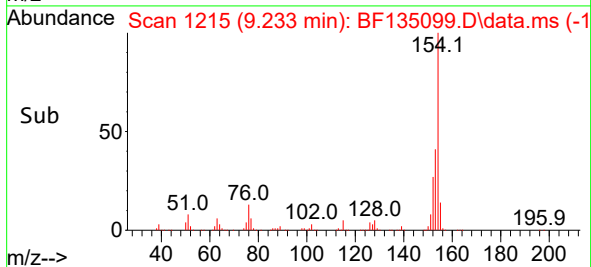
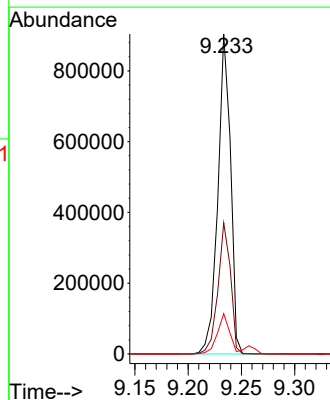
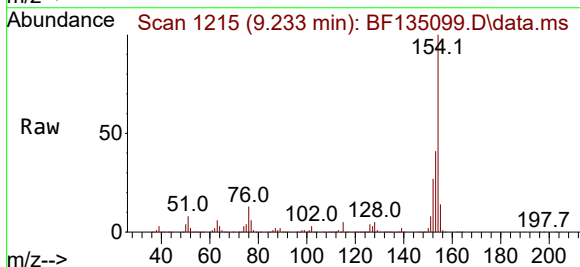
Delta R.T. -0.006 min

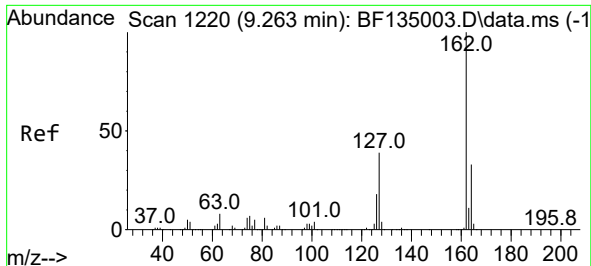
Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Tgt Ion:154 Resp: 746898

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	12.6	0.0	31.2





#47

2-Chloronaphthalene

Concen: 48.997 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion: 162 Resp: 568698

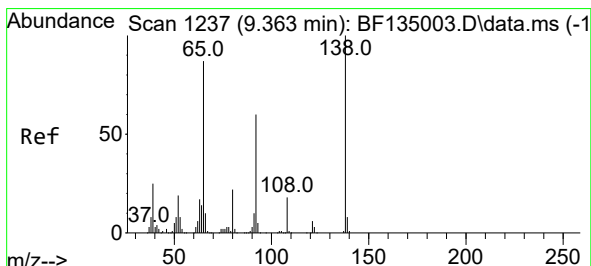
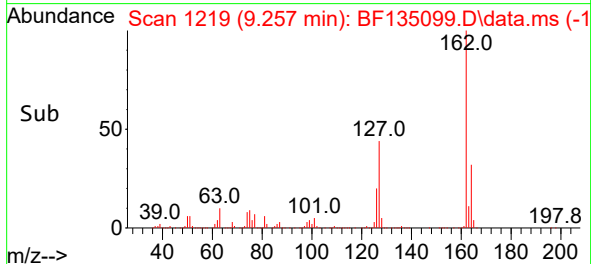
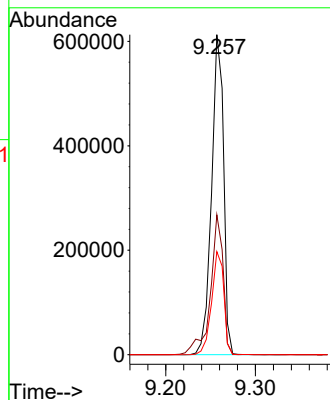
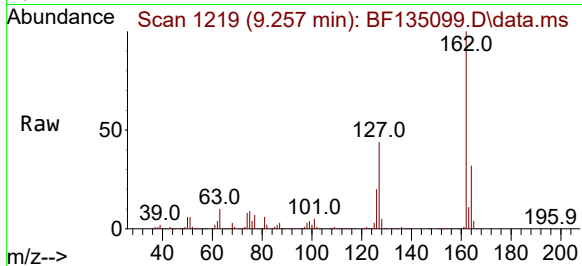
Ion	Ratio	Lower	Upper
162	100		
127	43.7	31.8	47.6
164	32.2	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#48

2-Nitroaniline

Concen: 48.292 ng

RT: 9.357 min Scan# 1236

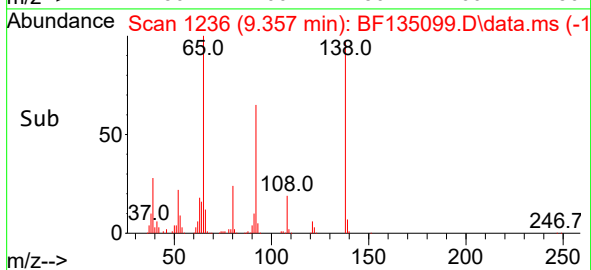
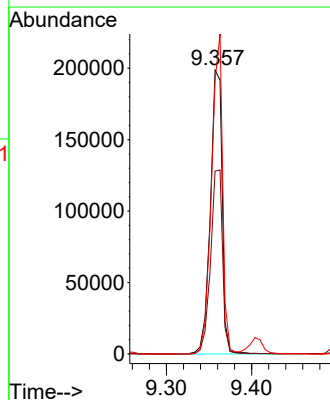
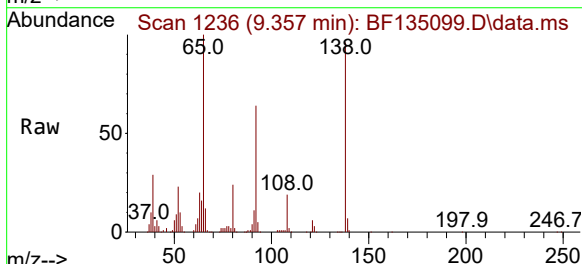
Delta R.T. -0.006 min

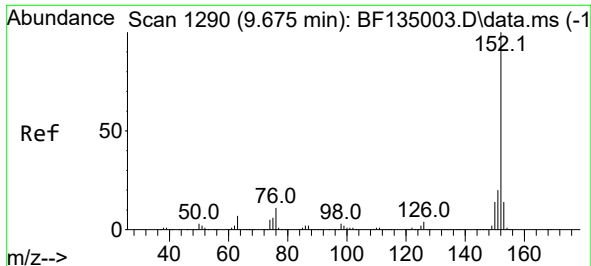
Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Tgt Ion: 65 Resp: 191875

Ion	Ratio	Lower	Upper
65	100		
92	64.5	54.9	82.3
138	96.4	91.6	137.4





#49

Acenaphthylene

Concen: 48.431 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF135099.D

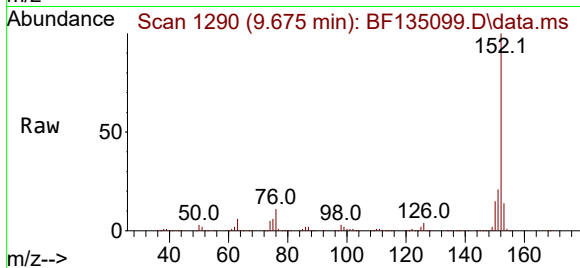
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



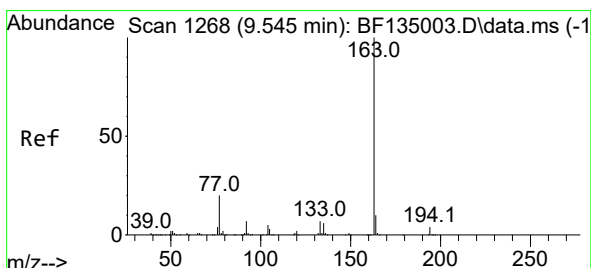
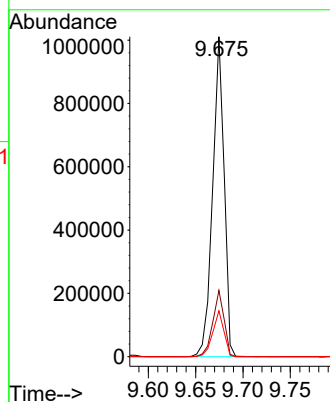
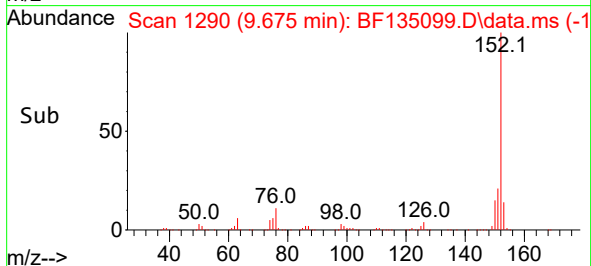
Tgt Ion:	152	Resp:	84975
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	14.3	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#50

Dimethylphthalate

Concen: 48.158 ng

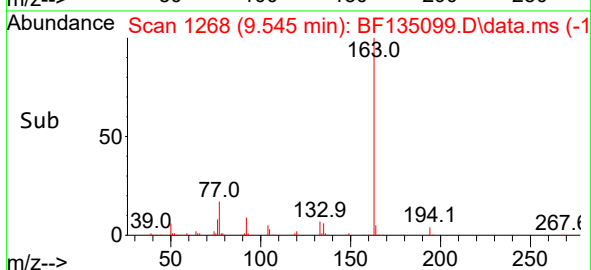
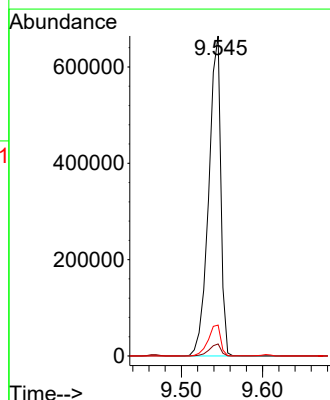
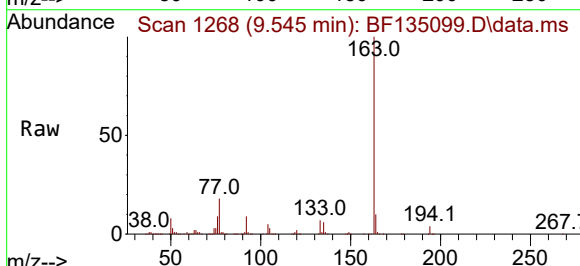
RT: 9.545 min Scan# 1268

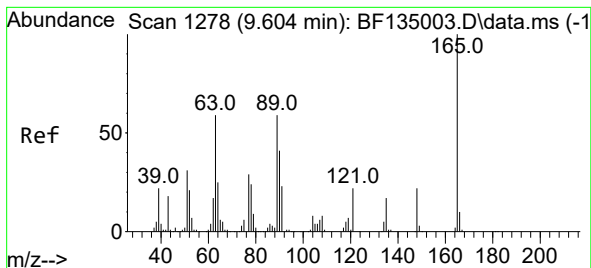
Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

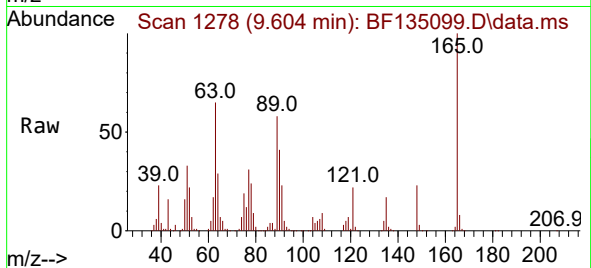
Tgt Ion:	163	Resp:	681225
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	9.6	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 47.985 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

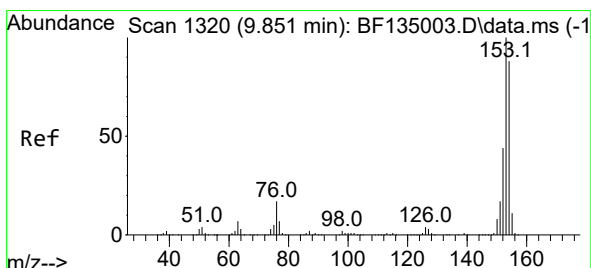
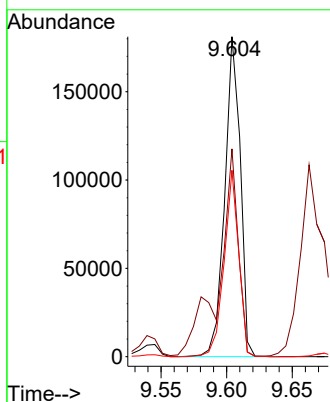
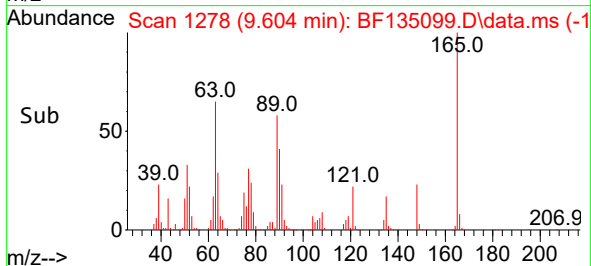
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:165 Resp: 14894
Ion Ratio Lower Upper
165 100
63 64.9 50.4 75.6
89 58.2 47.1 70.7

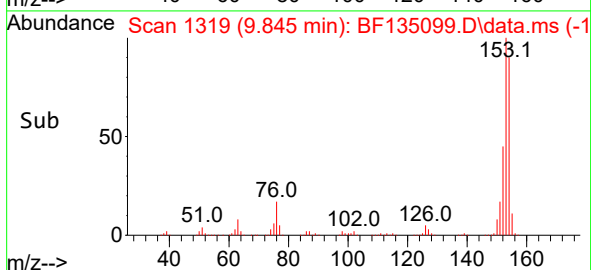
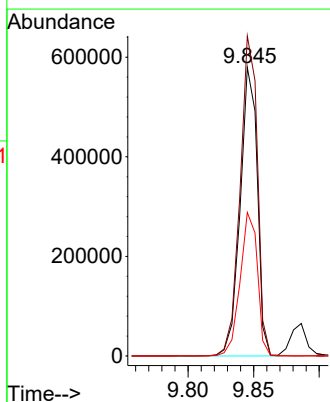
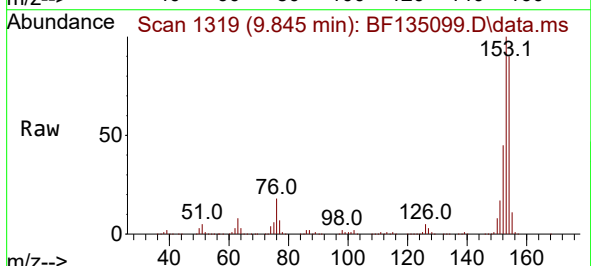
Manual Integrations
APPROVED

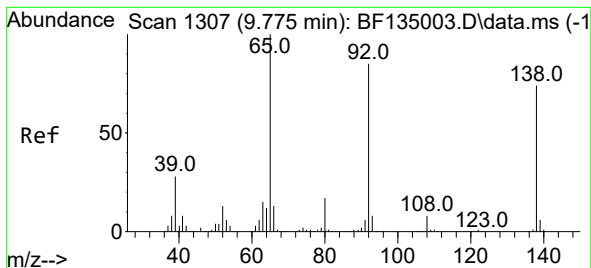
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#52
Acenaphthene
Concen: 47.184 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:154 Resp: 527573
Ion Ratio Lower Upper
154 100
153 110.9 90.8 136.2
152 49.8 40.2 60.4





#53

3-Nitroaniline

Concen: 35.606 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135099.D

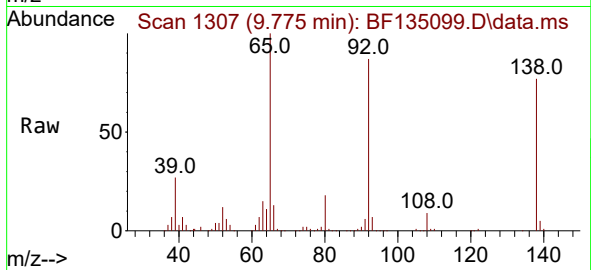
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



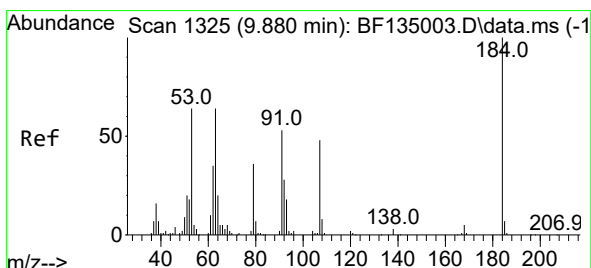
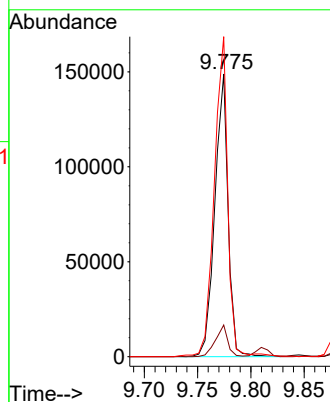
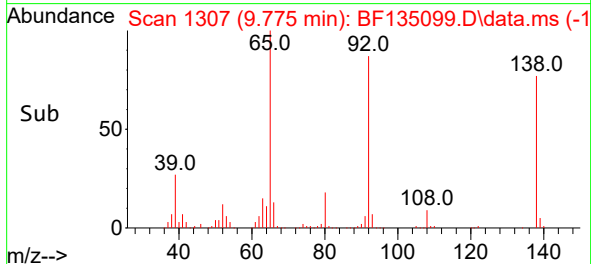
Tgt Ion:138	Resp:	128738
Ion Ratio	Lower	Upper
138	100	
108	11.2	8.6 13.0
92	113.2	92.2 138.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#54

2,4-Dinitrophenol

Concen: 58.439 ng

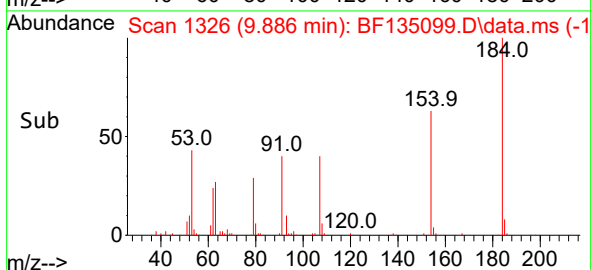
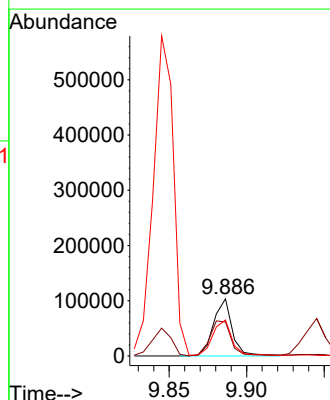
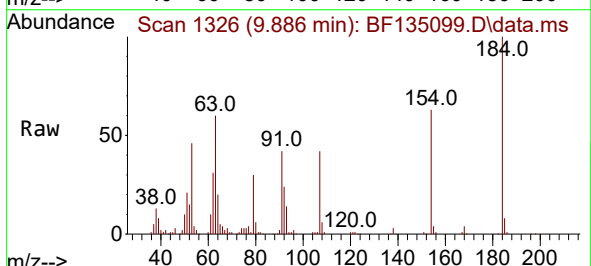
RT: 9.886 min Scan# 1326

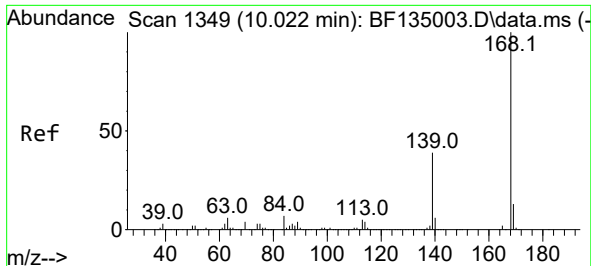
Delta R.T. 0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

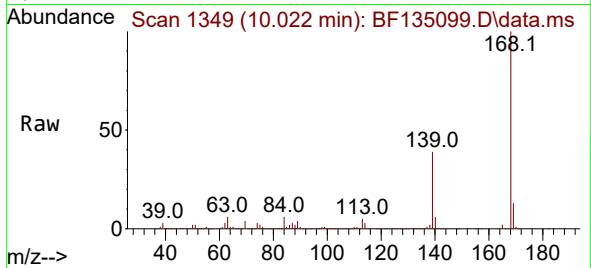
Tgt Ion:184	Resp:	86691
Ion Ratio	Lower	Upper
184	100	
63	59.6	62.2 93.2#
154	63.1	52.3 78.5





#55
Dibenzofuran
Concen: 46.173 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

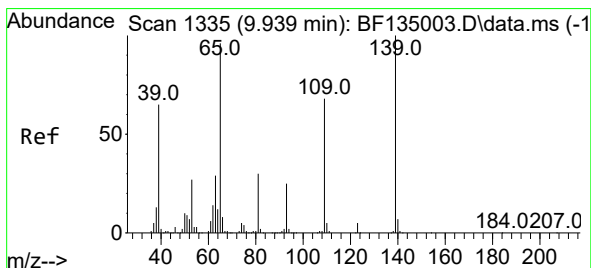
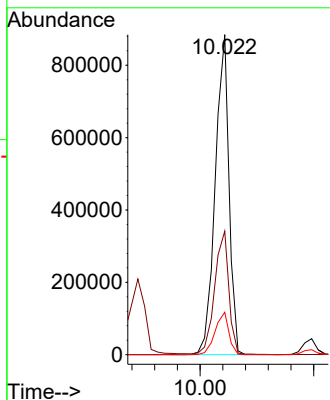
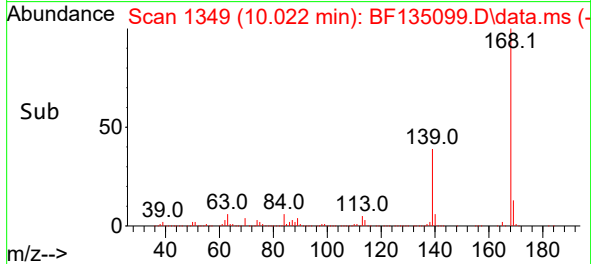
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



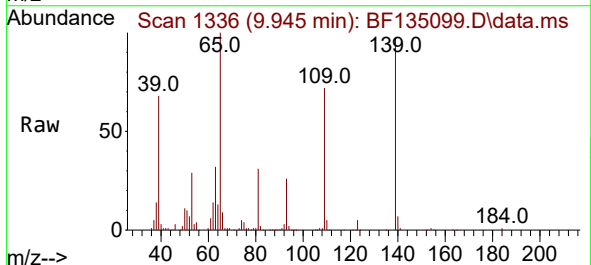
Tgt Ion:168 Resp: 744735
Ion Ratio Lower Upper
168 100
139 38.6 31.5 47.3
169 13.2 10.7 16.1

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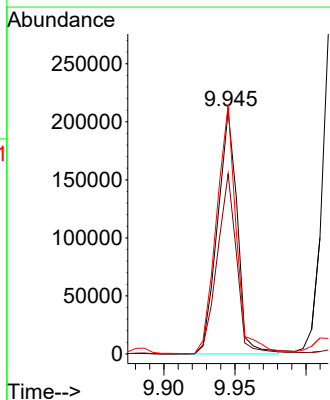
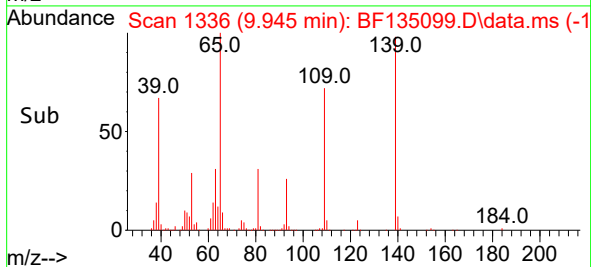
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

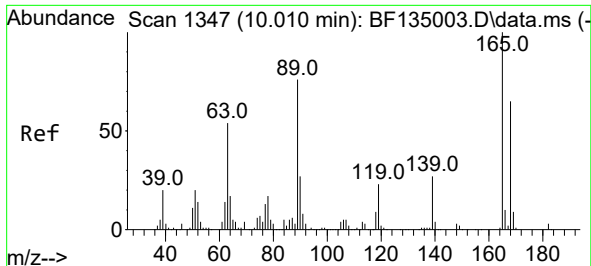


#56
4-Nitrophenol
Concen: 79.513 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



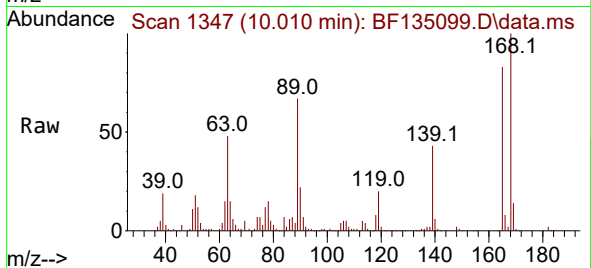
Tgt Ion:139 Resp: 202090
Ion Ratio Lower Upper
139 100
109 74.2 47.7 87.7
65 102.6 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 47.854 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

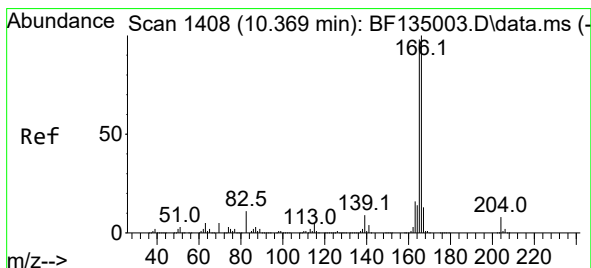
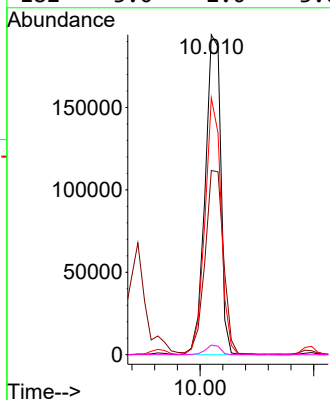
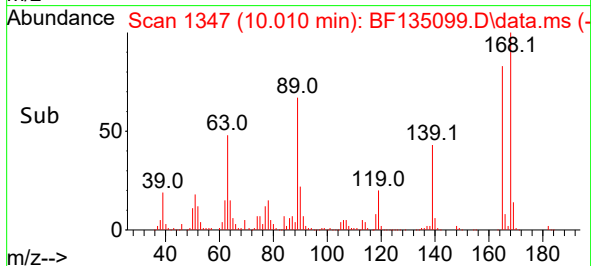
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



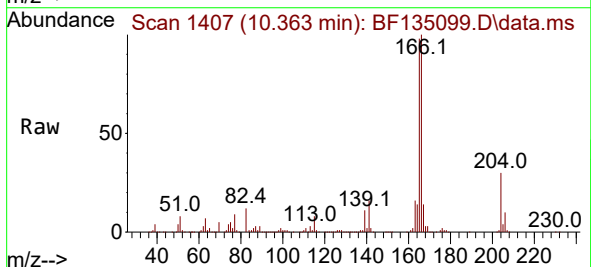
Tgt Ion:165 Resp: 185100
Ion Ratio Lower Upper
165 100
63 57.5 43.2 64.8
89 80.3 60.8 91.2
182 3.0 2.0 3.0#

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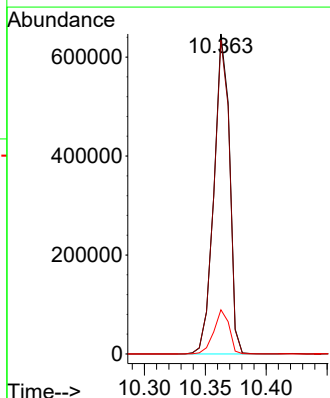
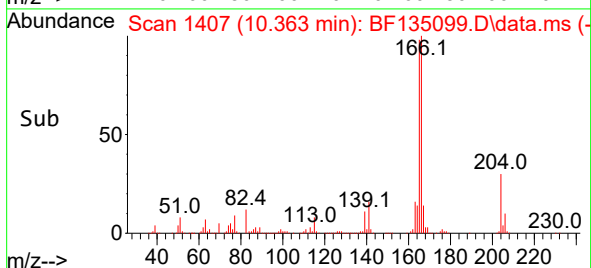
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

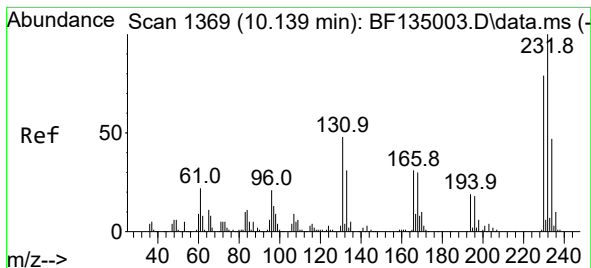


#58
Fluorene
Concen: 46.740 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



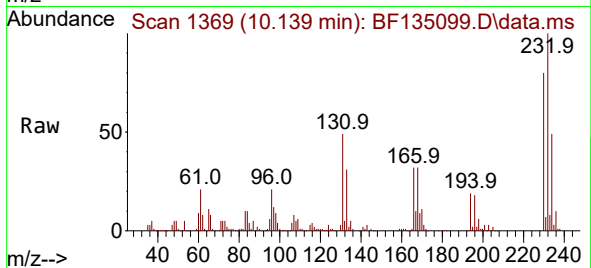
Tgt Ion:166 Resp: 574741
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.508 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

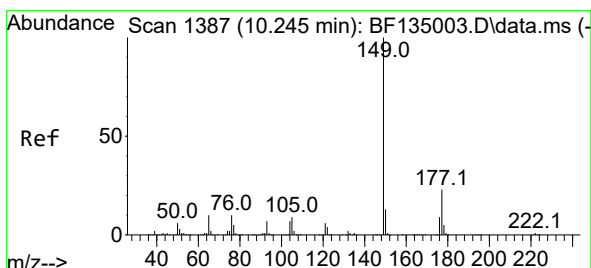
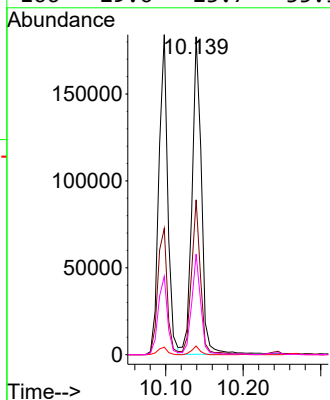
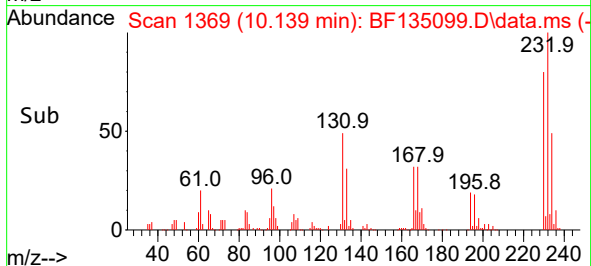
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



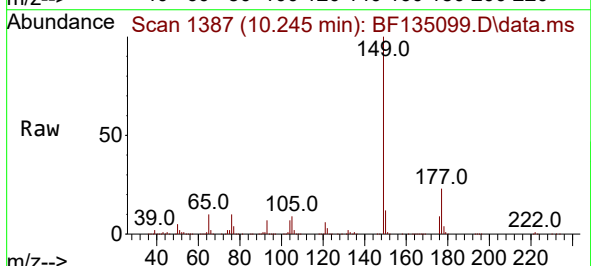
Tgt Ion:232 Resp: 15408
Ion Ratio Lower Upper
232 100
131 46.3 35.3 52.9
130 2.3 1.7 2.5
166 29.6 23.7 35.5

Manual Integrations
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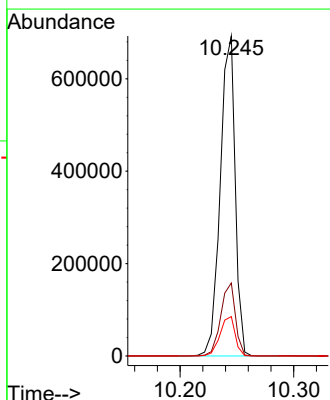
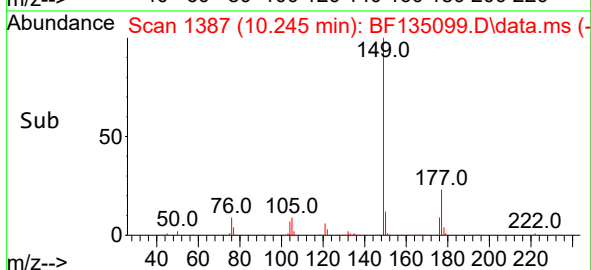
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

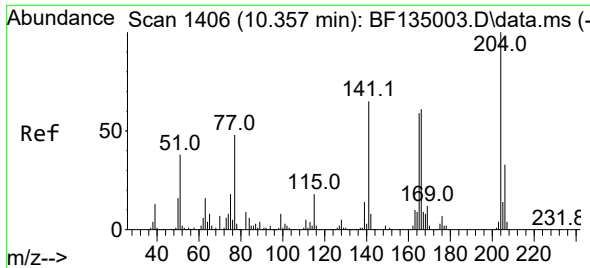


#60
Diethylphthalate
Concen: 47.615 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



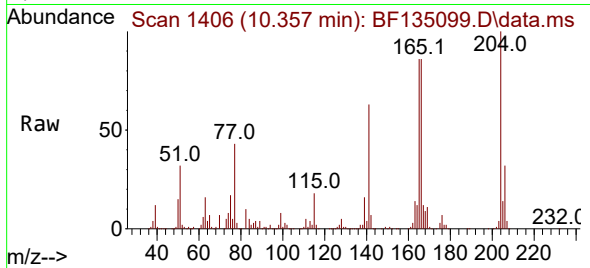
Tgt Ion:149 Resp: 634036
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.602 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

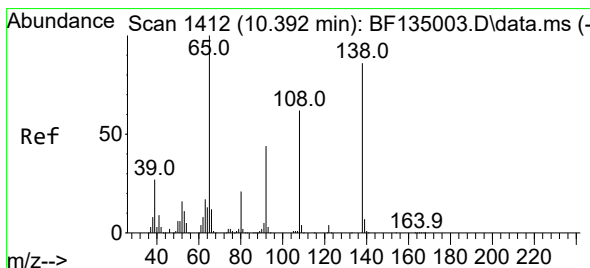
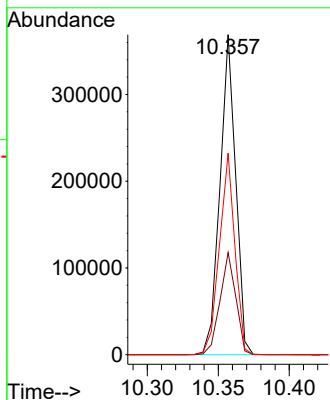
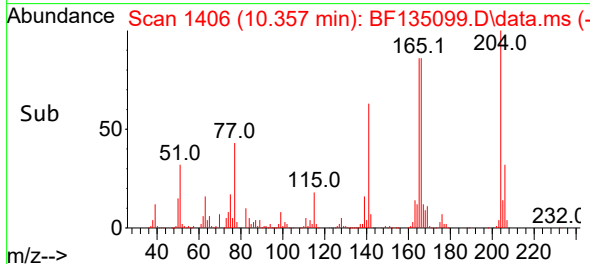
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:204 Resp: 283445
Ion Ratio Lower Upper
204 100
206 31.9 26.3 39.5
141 62.9 51.8 77.6

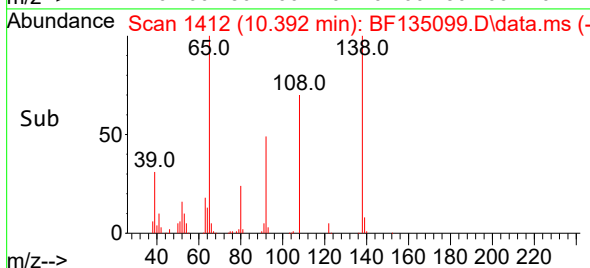
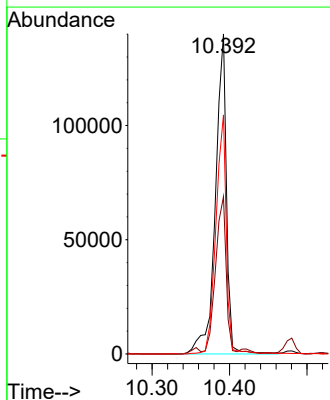
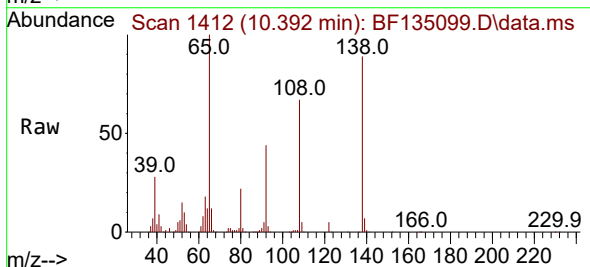
Manual Integrations
APPROVED

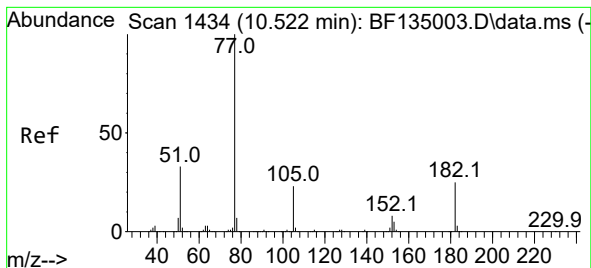
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#62
4-Nitroaniline
Concen: 39.339 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

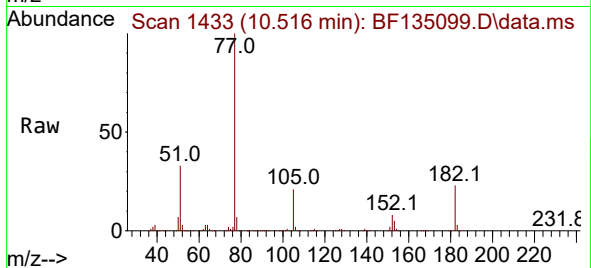
Tgt Ion:138 Resp: 139174
Ion Ratio Lower Upper
138 100
92 49.1 30.7 70.7
108 74.7 51.7 91.7





#63
Azobenzene
Concen: 45.471 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

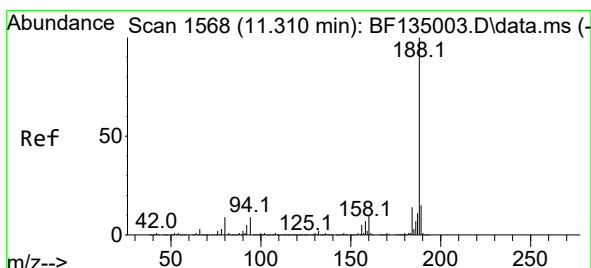
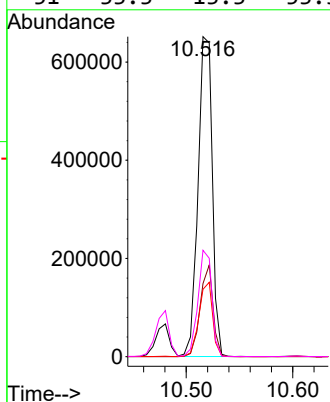
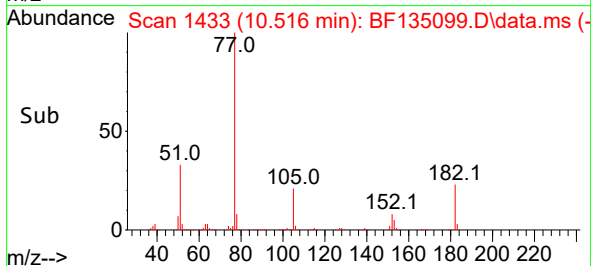
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



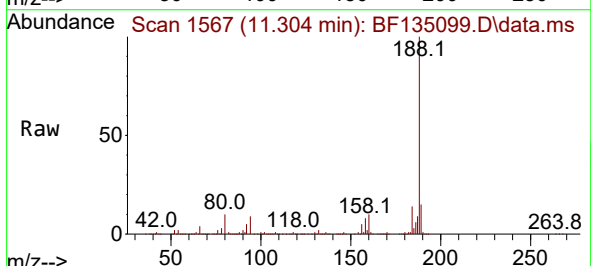
Tgt Ion: 77 Resp: 60966
Ion Ratio Lower Upper
77 100
182 22.8 4.9 44.9
105 21.1 2.7 42.7
51 33.3 13.3 53.3

Manual Integrations
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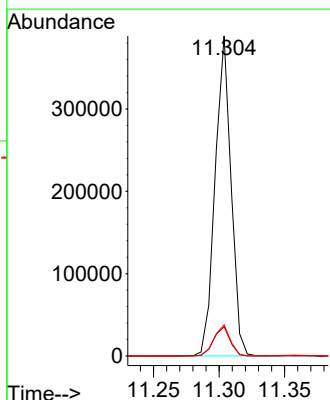
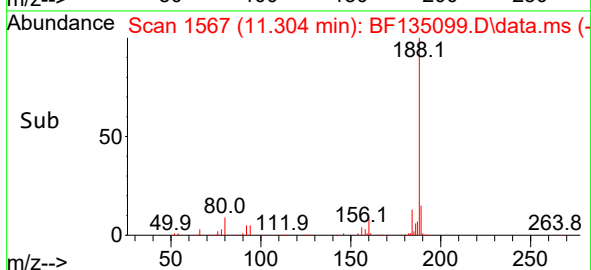
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

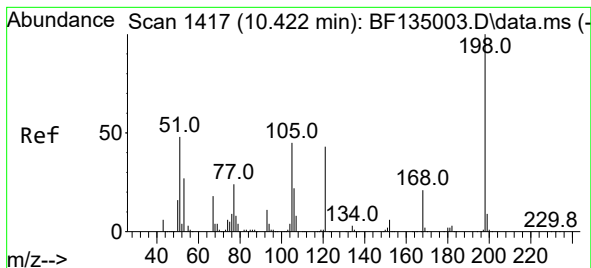


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion:188 Resp: 327890
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.4 11.2





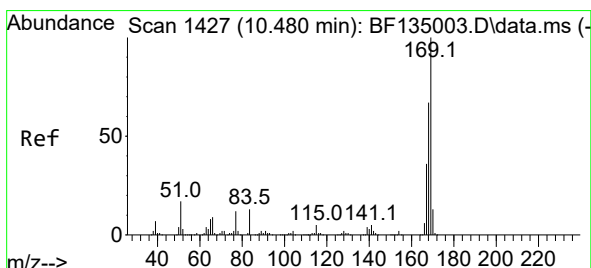
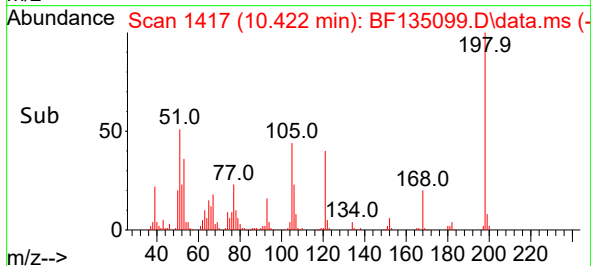
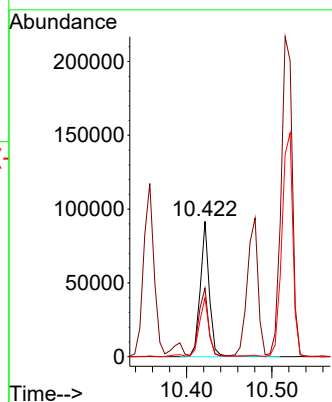
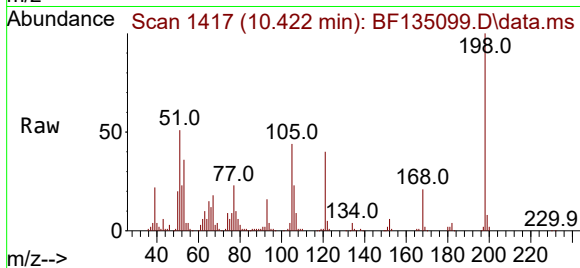
#65
4,6-Dinitro-2-methylphenol
Concen: 34.159 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:198 Resp: 6778
Ion Ratio Lower Upper
198 100
51 50.5 35.7 75.7
105 43.5 25.9 65.9

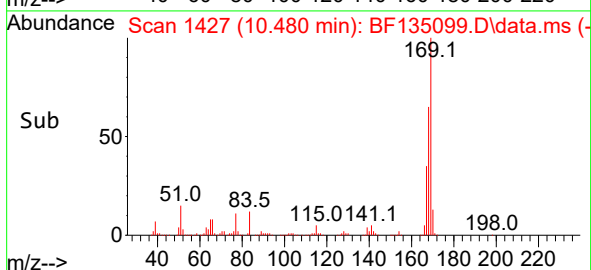
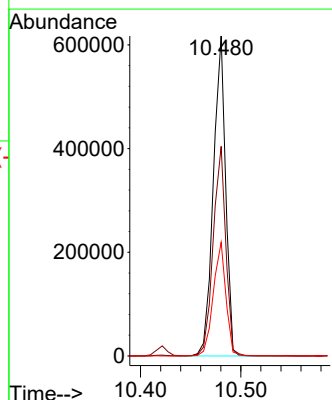
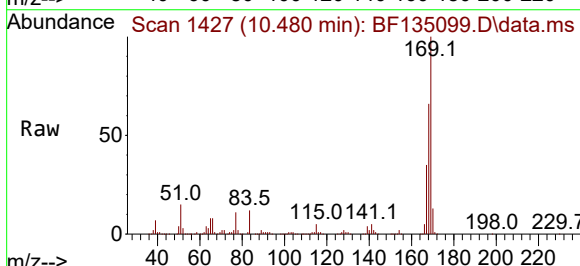
Manual Integrations
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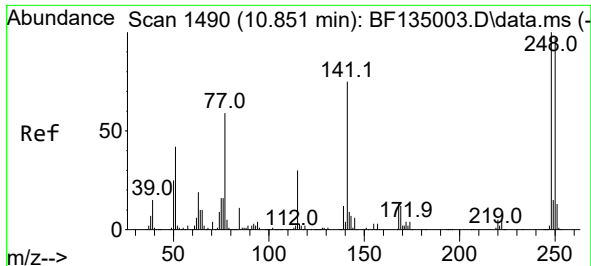
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#66
n-Nitrosodiphenylamine
Concen: 51.449 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

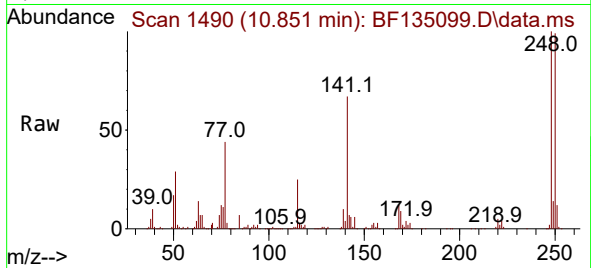
Tgt Ion:169 Resp: 524531
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.5 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.653 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

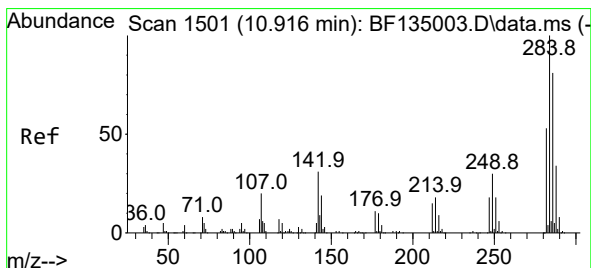
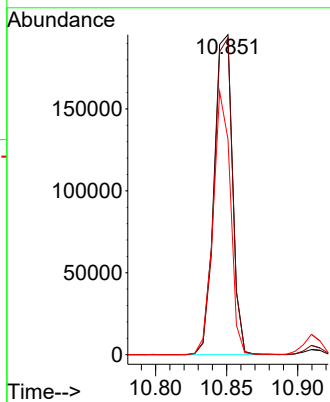
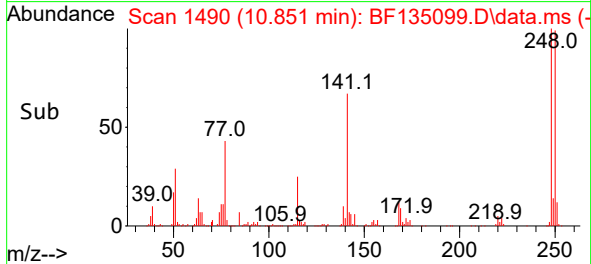
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



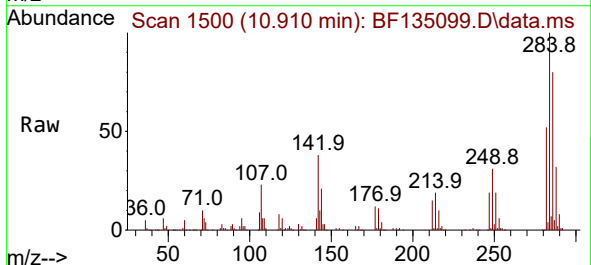
Tgt Ion:248 Resp: 17616
Ion Ratio Lower Upper
248 100
250 99.0 77.9 116.9
141 67.3 59.8 89.8

Manual Integrations
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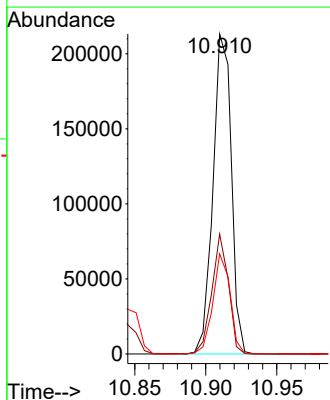
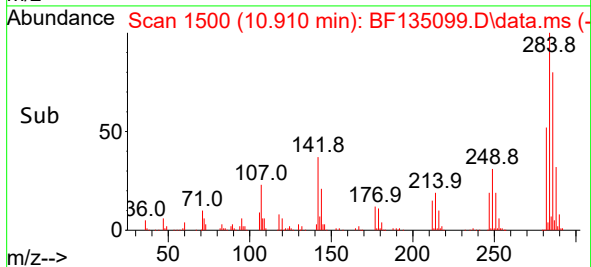
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

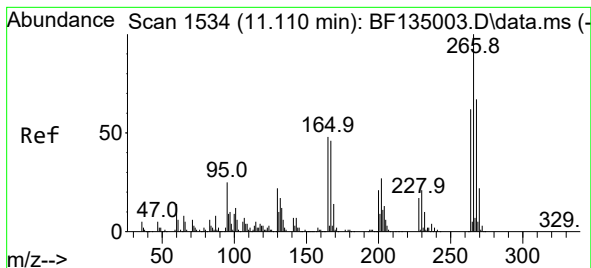


#68
Hexachlorobenzene
Concen: 53.212 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13



Tgt Ion:284 Resp: 191356
Ion Ratio Lower Upper
284 100
142 37.5 25.1 37.7
249 31.3 24.1 36.1





#70

Pentachlorophenol

Concen: 69.068 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF135099.D

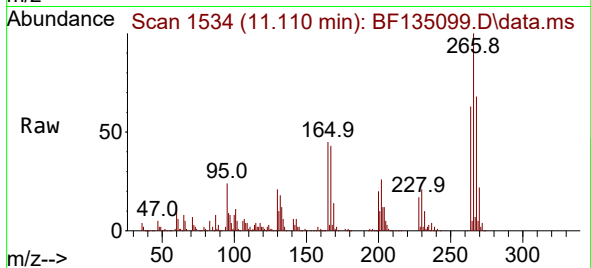
Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



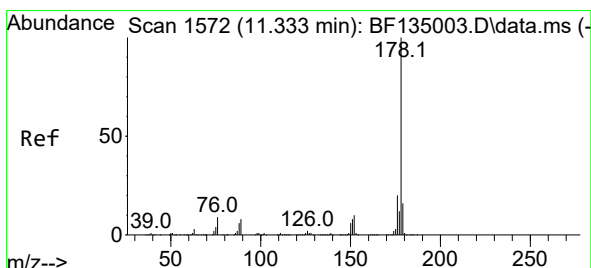
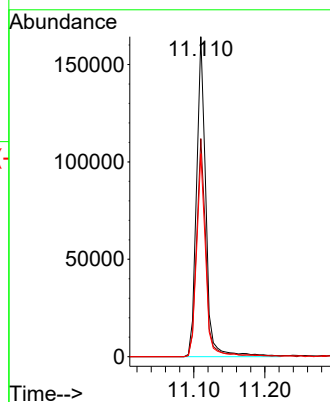
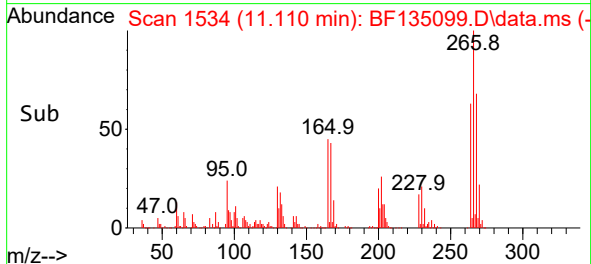
Tgt Ion:	266	Resp:	150264
Ion Ratio	Lower	Upper	
266	100		
268	68.2	53.3	79.9
264	63.5	49.3	73.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#71

Phenanthrene

Concen: 48.283 ng

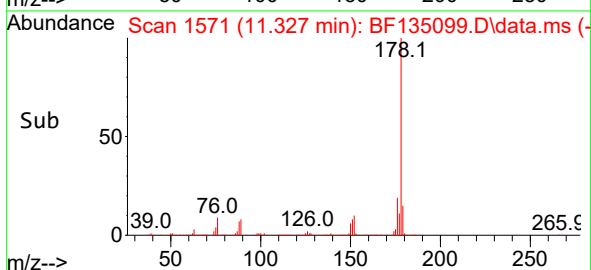
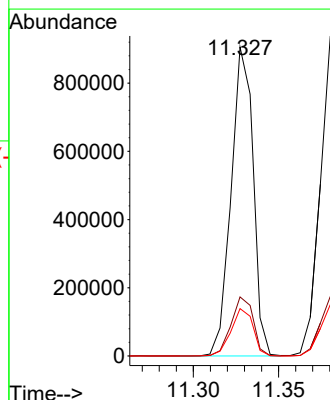
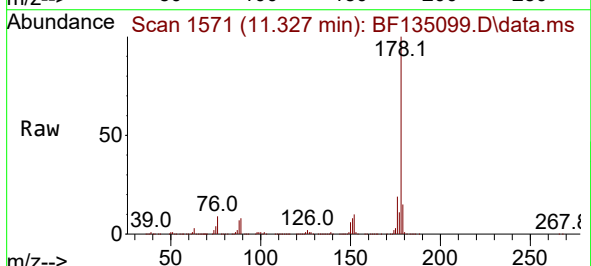
RT: 11.327 min Scan# 1571

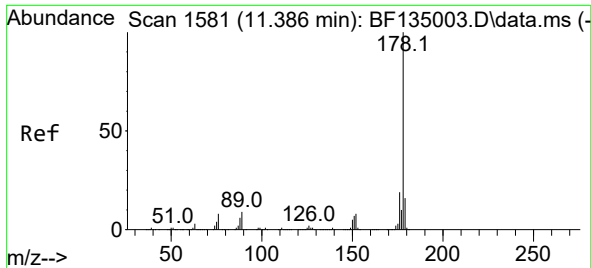
Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

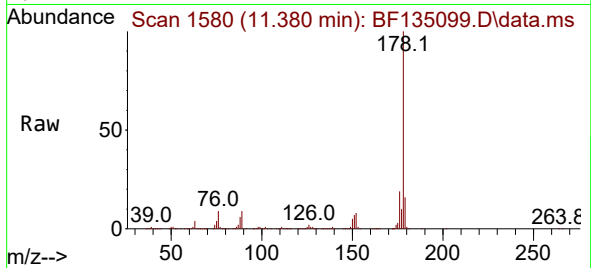
Tgt Ion:	178	Resp:	816755
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.9	23.9
179	15.3	12.5	18.7





#72
 Anthracene
 Concen: 47.385 ng
 RT: 11.380 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13

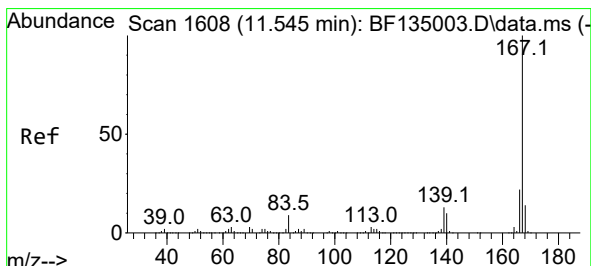
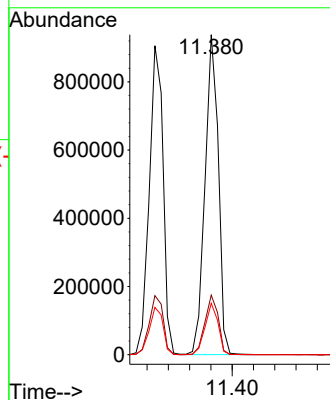
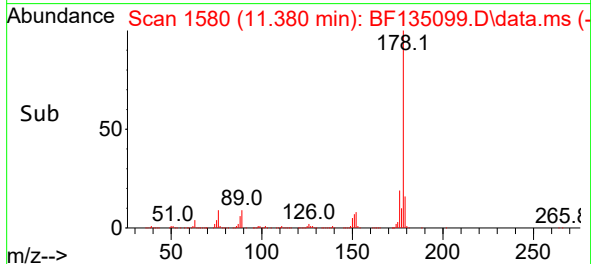
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD



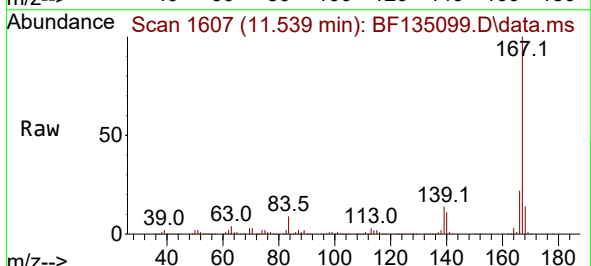
Tgt Ion:178 Resp: 81896
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 16.0 12.8 19.2

Manual Integrations
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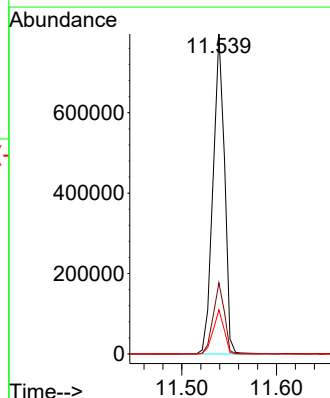
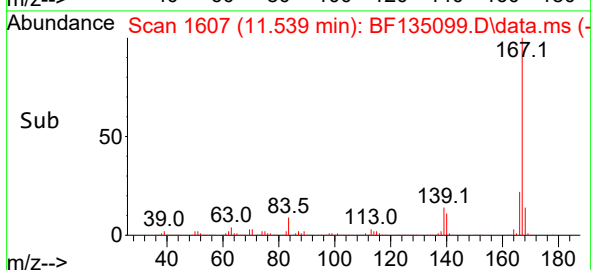
Reviewed By :Yogesh Patel 09/06/2023
 Supervised By :mohammad ahmed 09/07/2023

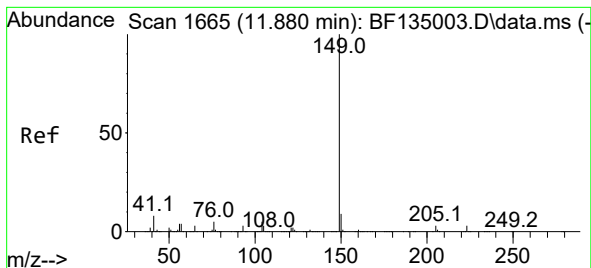


#73
 Carbazole
 Concen: 44.958 ng
 RT: 11.539 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF135099.D
 Acq: 05 Sep 2023 17:13



Tgt Ion:167 Resp: 670187
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 13.8 10.3 15.5





#74

Di-n-butylphthalate

Concen: 49.921 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:149 Resp: 89706

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

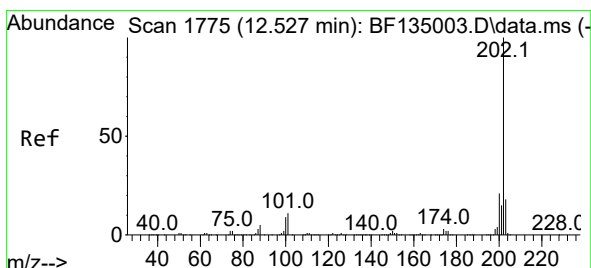
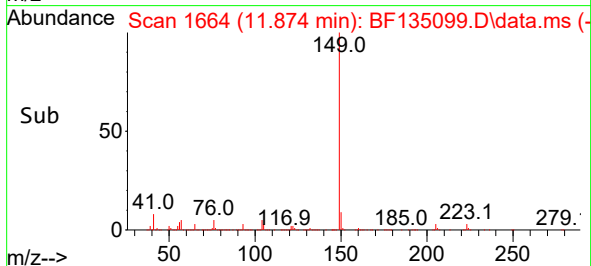
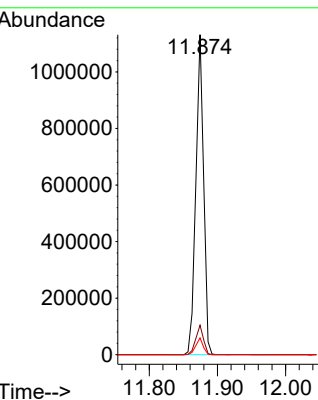
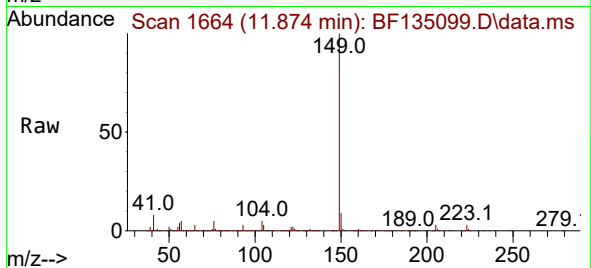
104 5.2 4.0 6.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#75

Fluoranthene

Concen: 40.145 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

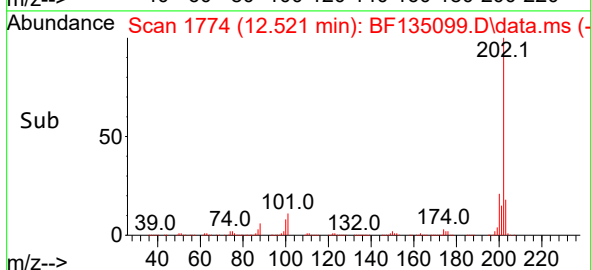
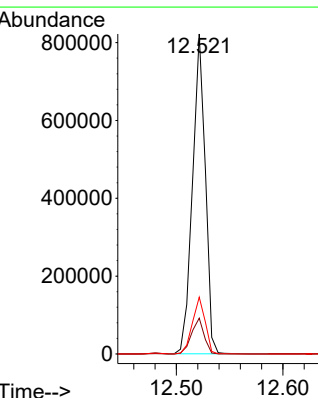
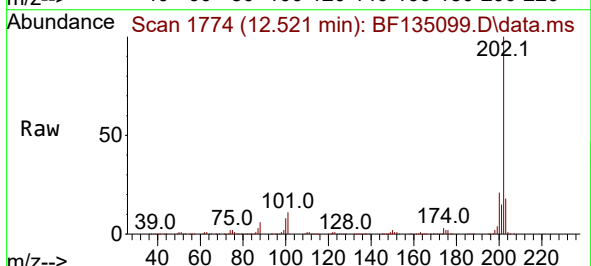
Tgt Ion:202 Resp: 686591

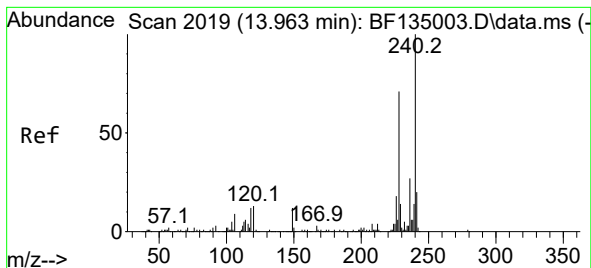
Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

203 17.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

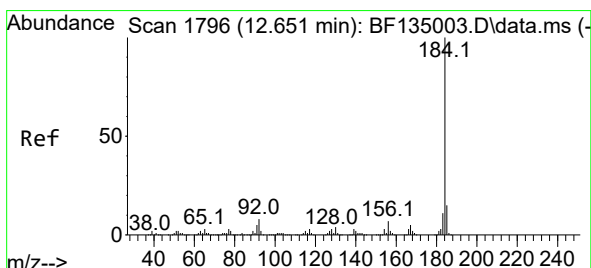
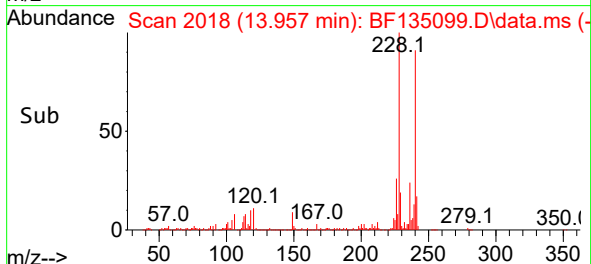
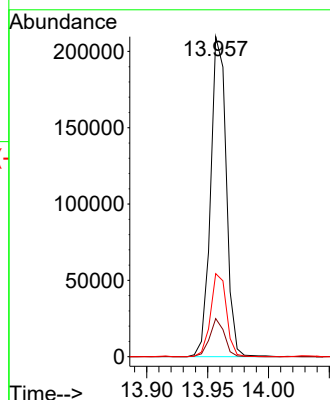
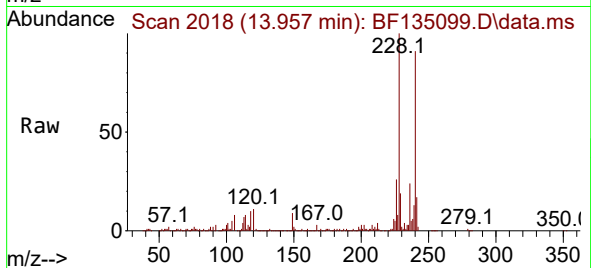
Tgt Ion:240 Resp: 18707
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.2 15.2
 236 26.0 21.3 31.9

Manual Integrations

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Reviewed By :Yogesh Patel 09/06/2023

Supervised By :mohammad ahmed 09/07/2023



#77

Benzidine

Concen: 63.206 ng

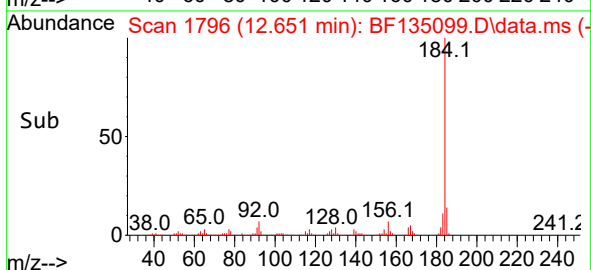
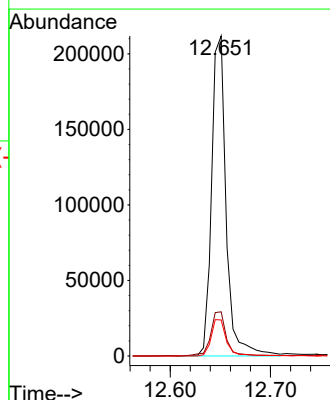
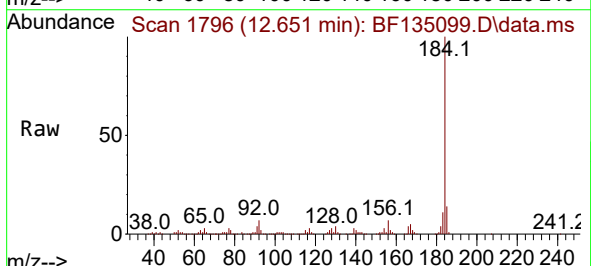
RT: 12.651 min Scan# 1796

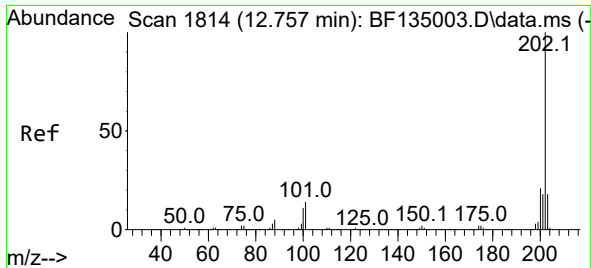
Delta R.T. -0.000 min

Lab File: BF135099.D

Acq: 05 Sep 2023 17:13

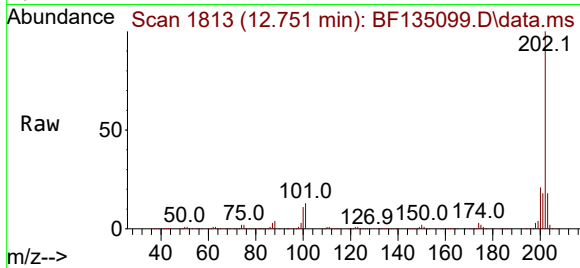
Tgt Ion:184 Resp: 213146
 Ion Ratio Lower Upper
 184 100
 185 13.8 12.0 18.0
 183 11.2 9.0 13.6





#78
Pyrene
Concen: 38.134 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

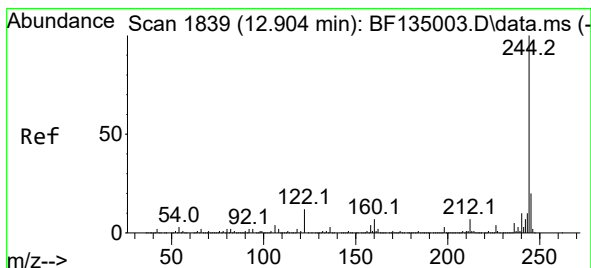
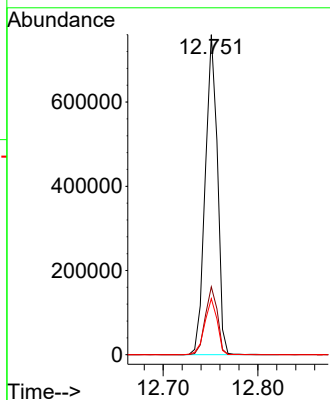
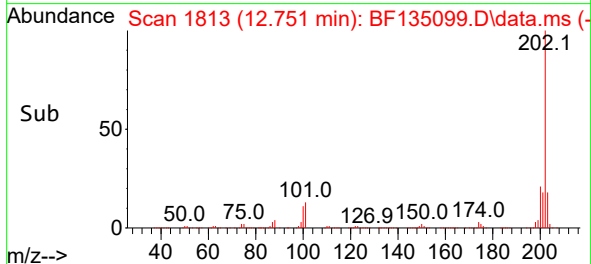
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:202 Resp: 677330
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 14.2 21.2

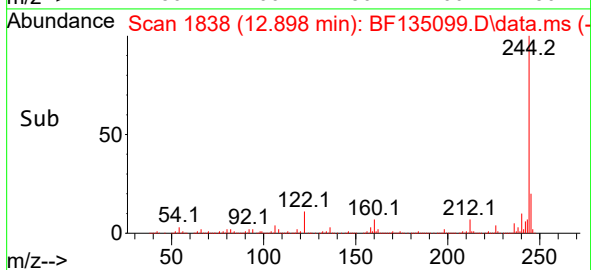
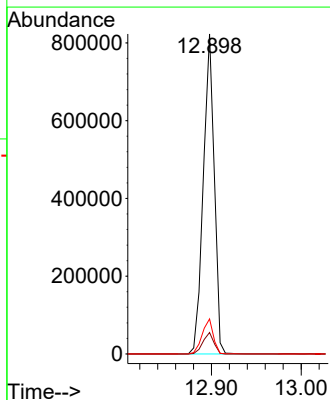
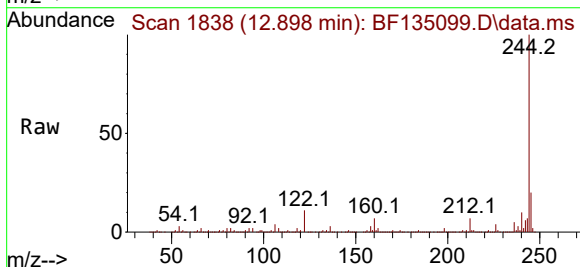
Manual Integrations
APPROVED

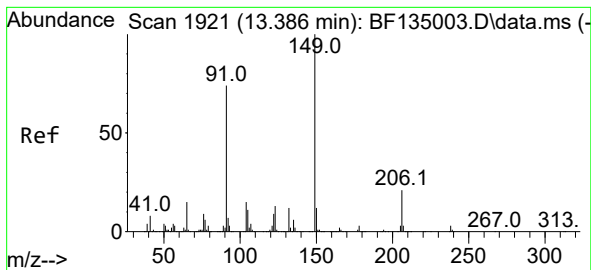
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#79
Terphenyl-d14
Concen: 60.942 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Tgt Ion:244 Resp: 698607
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.9 9.8 14.6





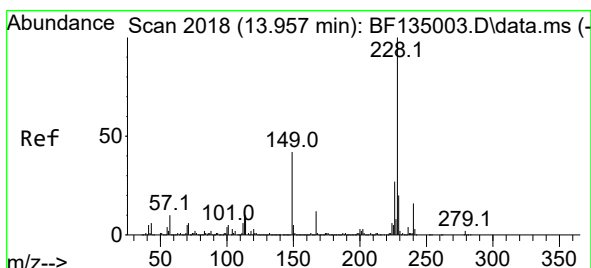
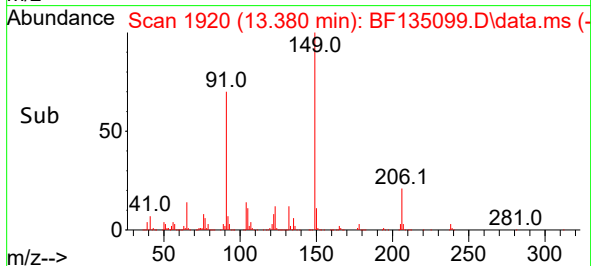
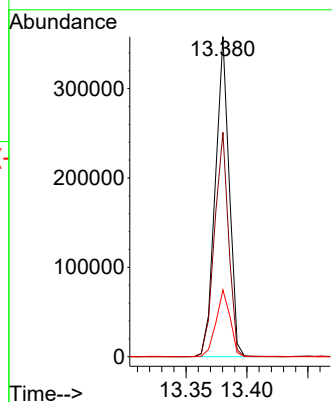
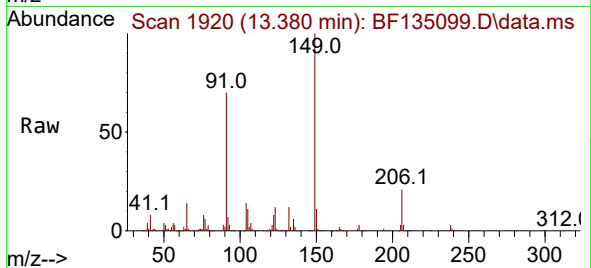
#80
Butylbenzylphthalate
Concen: 44.076 ng
RT: 13.380 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD

Tgt Ion:149 Resp: 28281
Ion Ratio Lower Upper
149 100
91 70.1 59.0 88.6
206 20.9 16.7 25.1

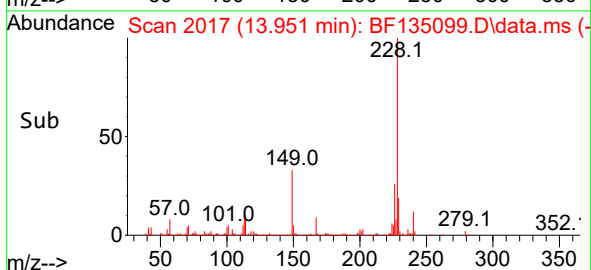
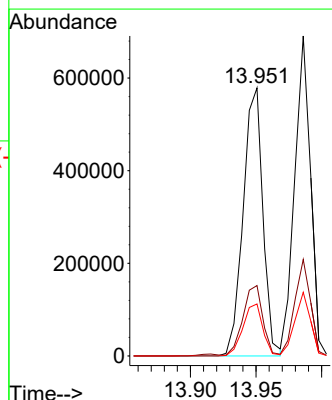
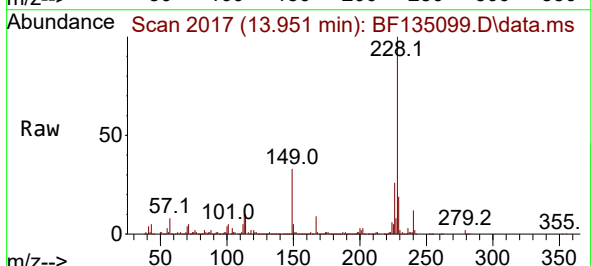
Manual Integrations
APPROVED

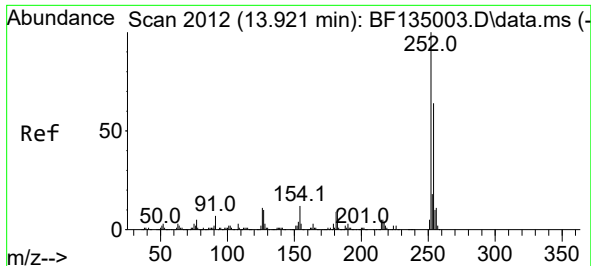
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#81
Benzo(a)anthracene
Concen: 47.611 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

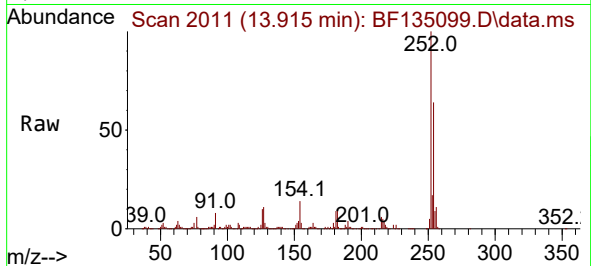
Tgt Ion:228 Resp: 607560
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.4 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 57.479 ng
RT: 13.915 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

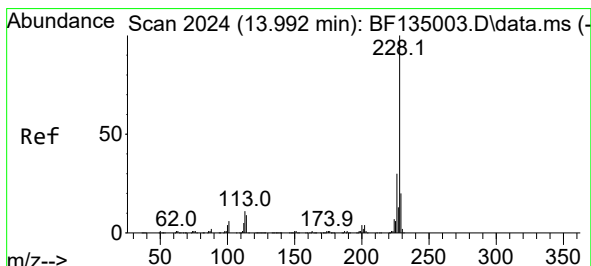
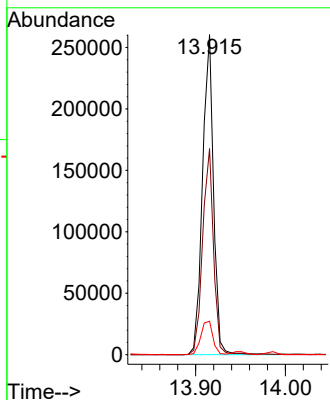
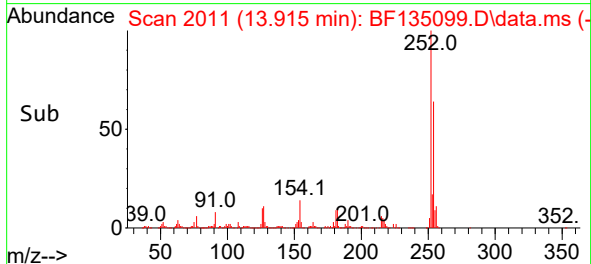
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:252 Resp: 221329
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 10.5 8.6 12.8

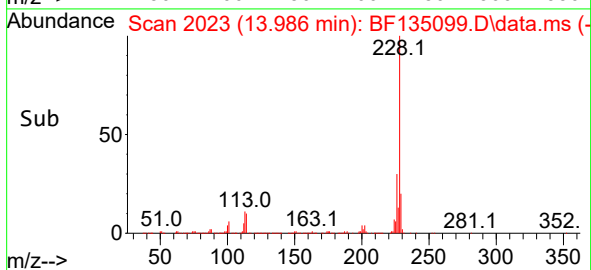
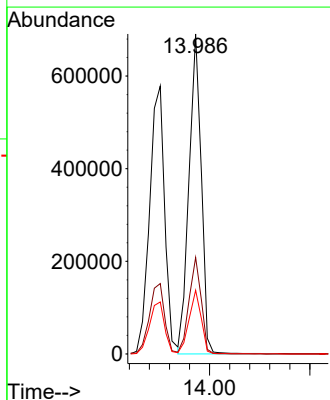
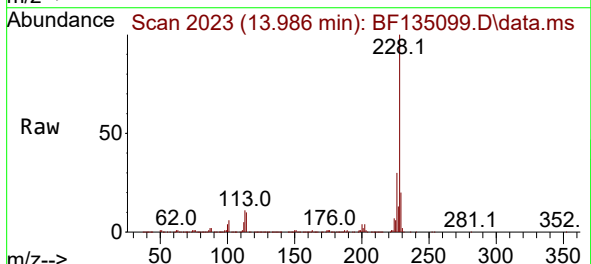
Manual Integrations
APPROVED

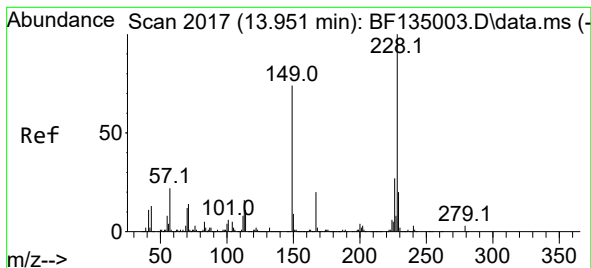
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#83
Chrysene
Concen: 46.692 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

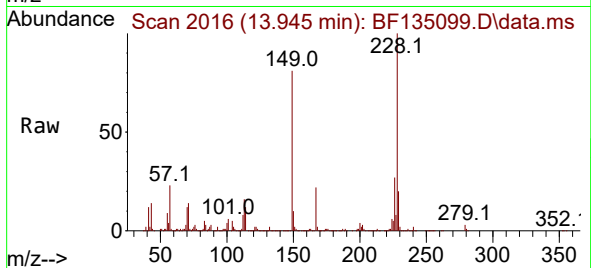
Tgt Ion:228 Resp: 585556
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.9 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 52.793 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

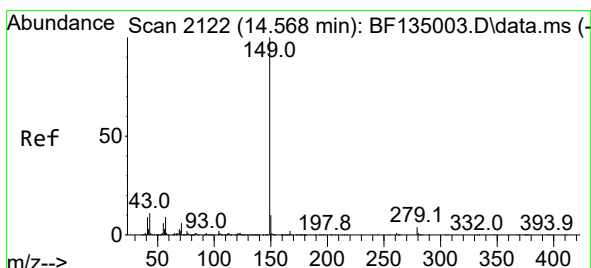
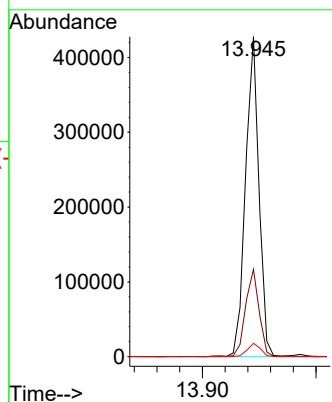
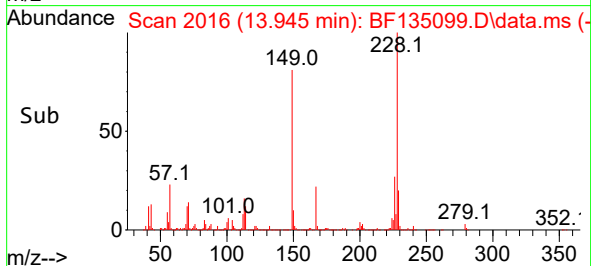
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:149 Resp: 35057
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.1 3.0 4.6

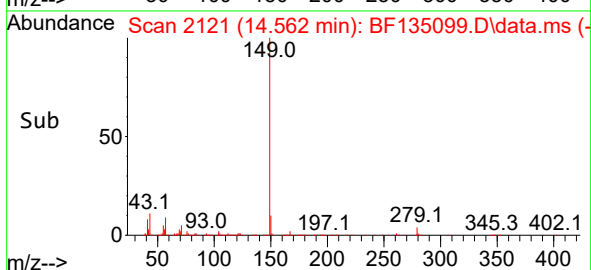
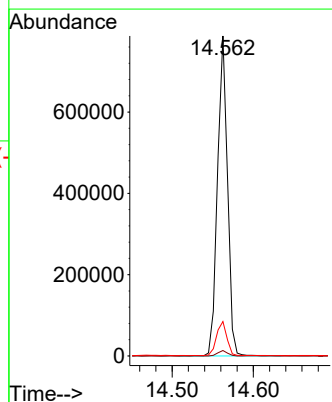
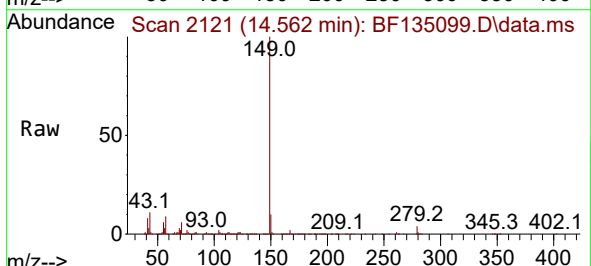
Manual Integrations
APPROVED

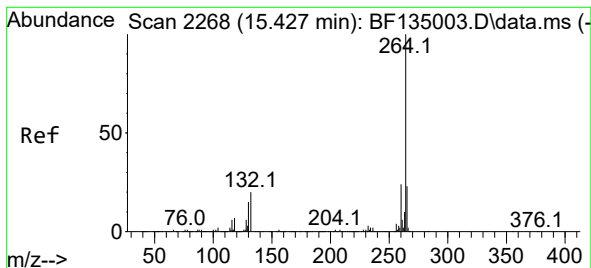
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#85
Di-n-octyl phthalate
Concen: 66.276 ng
RT: 14.562 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

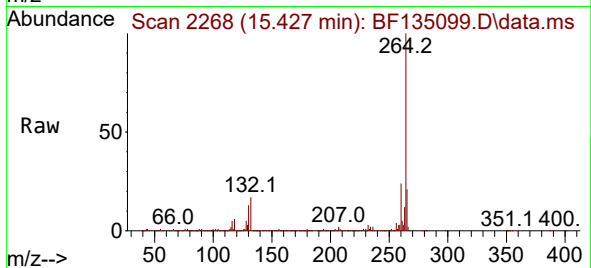
Tgt Ion:149 Resp: 671760
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

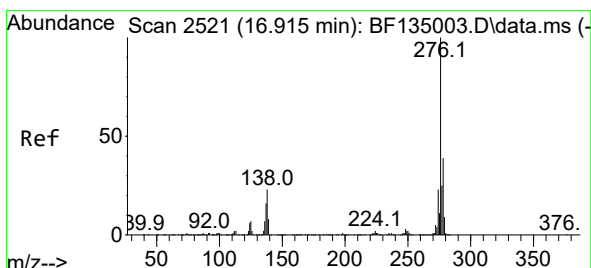
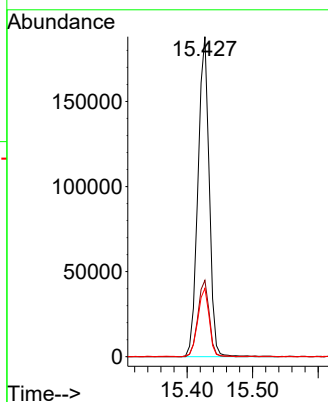
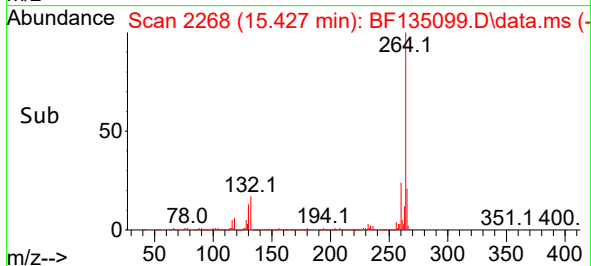
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:264 Resp: 224652
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.4 18.2 27.2

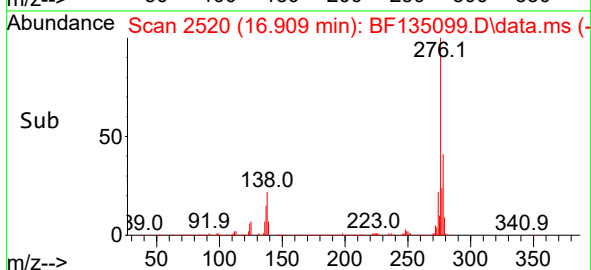
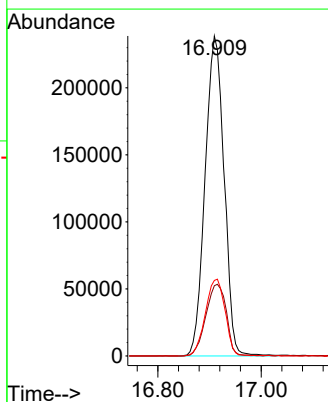
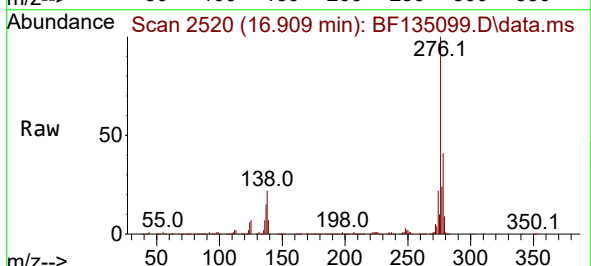
Manual Integrations
APPROVED

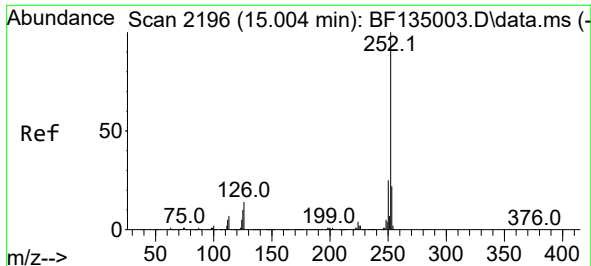
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 40.299 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

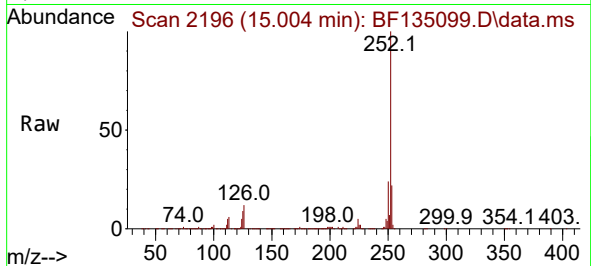
Tgt Ion:276 Resp: 609797
Ion Ratio Lower Upper
276 100
138 24.1 20.2 30.2
277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 48.973 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

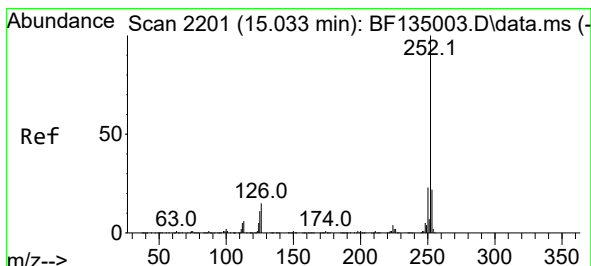
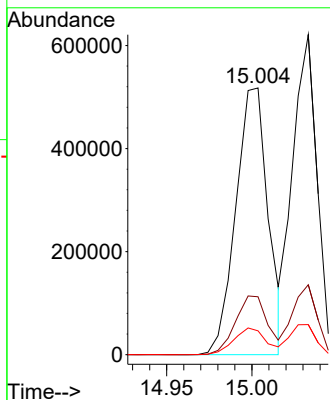
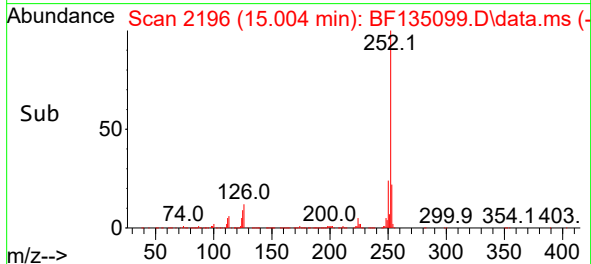
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:252 Resp: 68456
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.9 8.4 12.6

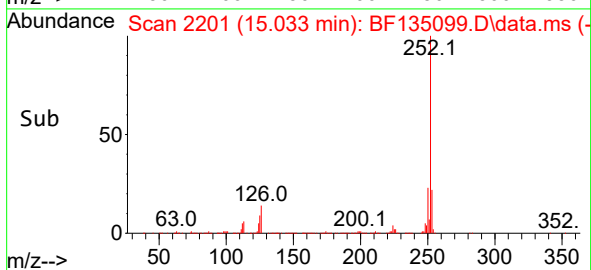
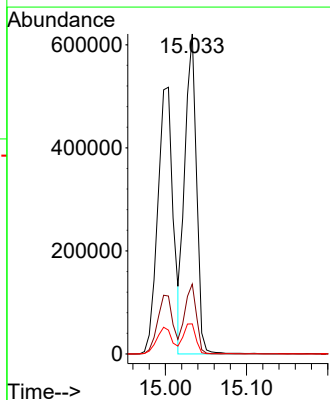
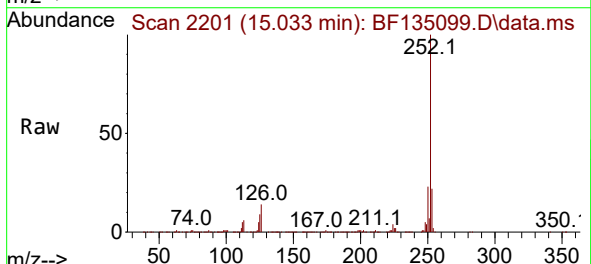
Manual Integrations
APPROVED

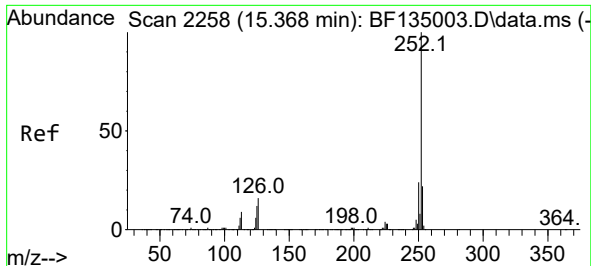
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#89
Benzo(k)fluoranthene
Concen: 46.026 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

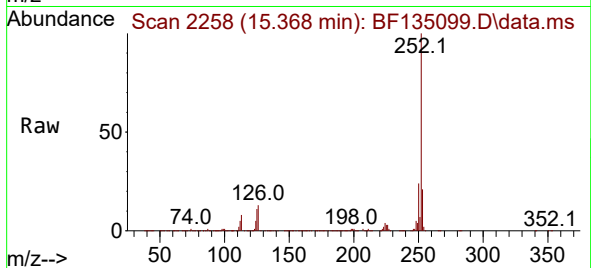
Tgt Ion:252 Resp: 621545
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.4 8.5 12.7





#90
Benzo(a)pyrene
Concen: 44.868 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

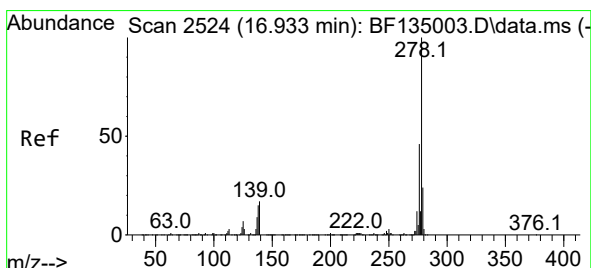
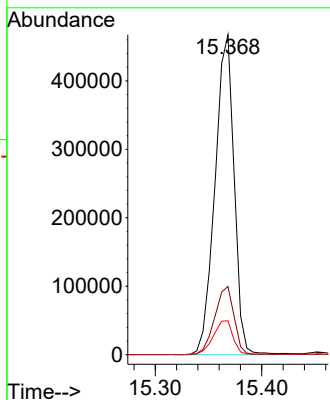
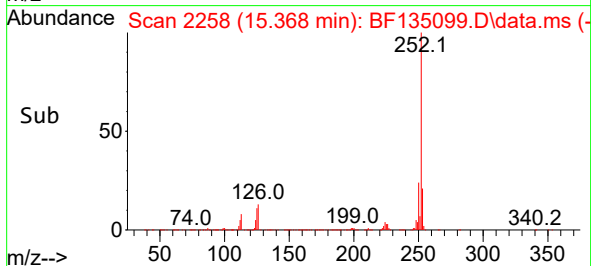
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:252 Resp: 58262
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 10.6 9.5 14.3

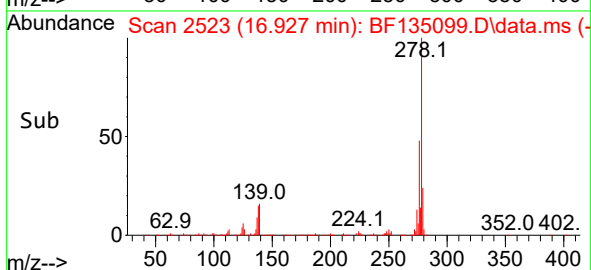
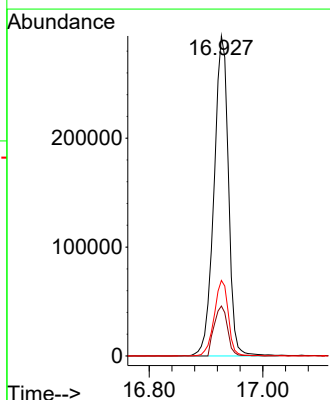
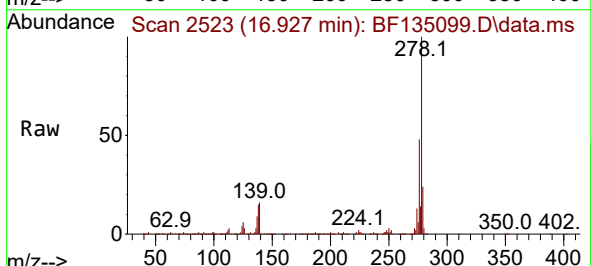
Manual Integrations
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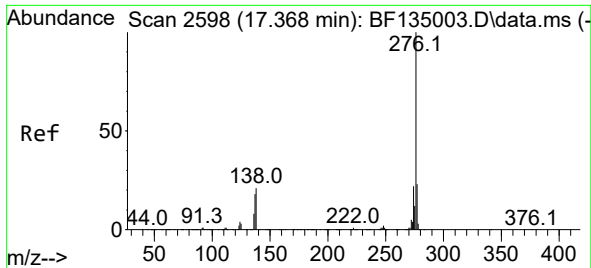
Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



#91
Dibenzo(a,h)anthracene
Concen: 42.364 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

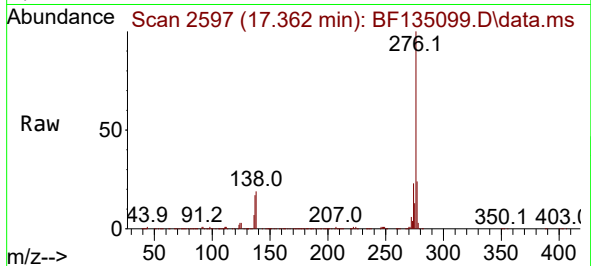
Tgt Ion:278 Resp: 519194
Ion Ratio Lower Upper
278 100
139 15.6 13.4 20.2
279 23.6 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 35.525 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135099.D
Acq: 05 Sep 2023 17:13

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion: 276 Resp: 452820
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 18.7 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023

