

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135591.D
 Acq On : 05 Oct 2023 02:33
 Operator : CG\JU
 Sample : 04668-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 06:50:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	125031	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	468936	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	162939	20.000	ng	0.01
64) Phenanthrene-d10	11.310	188	129735m	20.000	ng	0.04
76) Chrysene-d12	13.951	240	189529	20.000	ng	# 0.02
86) Perylene-d12	15.398	264	288687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	732343	95.266	ng	0.00
7) Phenol-d6	6.392	99	887166	90.759	ng	0.00
23) Nitrobenzene-d5	7.310	82	552901	64.057	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	119302	73.679	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	865909	80.178	ng	0.00
79) Terphenyl-d14	12.904	244	425340	34.789	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	141800	42.077	ng	100
3) Pyridine	3.228	79	314502	34.675	ng	98
4) n-Nitrosodimethylamine	3.198	42	214420	44.550	ng	94
6) Aniline	6.410	93	314675	24.549	ng	# 1
8) 2-Chlorophenol	6.534	128	364865	44.461	ng	94
9) Benzaldehyde	6.298	77	74270	13.337	ng	99
10) Phenol	6.410	94	439440	40.998	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	364041	45.278	ng	98
12) 1,3-Dichlorobenzene	6.681	146	359814	43.143	ng	98
13) 1,4-Dichlorobenzene	6.757	146	367661	43.330	ng	99
14) 1,2-Dichlorobenzene	6.904	146	338112	42.909	ng	99
15) Benzyl Alcohol	6.892	79	301088	42.924	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	631566	41.674	ng	58
17) 2-Methylphenol	7.010	107	279643	38.615	ng	# 91
18) Hexachloroethane	7.239	117	139962	44.642	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	241334	39.860	ng	94
20) 3+4-Methylphenols	7.163	107	355026	40.770	ng	# 73
22) Acetophenone	7.151	105	471180	43.949	ng	# 91
24) Nitrobenzene	7.328	77	378420	44.357	ng	99
25) Isophorone	7.563	82	688842	43.462	ng	99
26) 2-Nitrophenol	7.639	139	191599	46.794	ng	94
27) 2,4-Dimethylphenol	7.686	122	262756	38.178	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	422419	44.529	ng	100
29) 2,4-Dichlorophenol	7.886	162	294756	46.219	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	298051	44.714	ng	100
31) Naphthalene	8.039	128	987506	43.342	ng	99
32) Benzoic acid	7.845	122	229867	44.355	ng	97
33) 4-Chloroaniline	8.104	127	140062	14.011	ng	98
34) Hexachlorobutadiene	8.151	225	176972	44.030	ng	100
35) Caprolactam	8.498	113	93412	43.644	ng	# 74
36) 4-Chloro-3-methylphenol	8.598	107	308064	43.463	ng	100
37) 2-Methylnaphthalene	8.733	142	592144	38.663	ng	99
38) 1-Methylnaphthalene	8.833	142	565187	39.416	ng	97
40) 1,2,4,5-Tetrachloroben...	8.898	216	279436	59.196	ng	98
41) Hexachlorocyclopentadiene	8.880	237	157634	76.175	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	173479	56.129	ng	98

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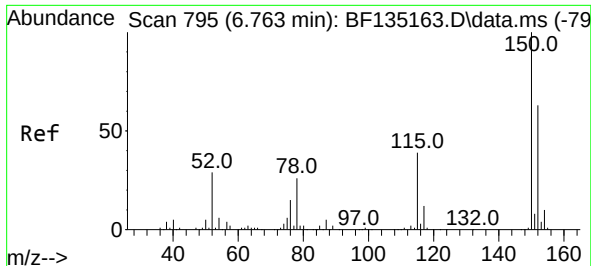
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	186702	52.455	ng	# 92
46) 1,1'-Biphenyl	9.198	154	695166	55.517	ng	99
47) 2-Chloronaphthalene	9.227	162	495261	54.513	ng	98
48) 2-Nitroaniline	9.333	65	210262	59.572	ng	97
49) Acenaphthylene	9.645	152	743968	49.273	ng	97
50) Dimethylphthalate	9.510	163	555686	50.442	ng	# 98
51) 2,6-Dinitrotoluene	9.580	165	127711	52.919	ng	85
52) Acenaphthene	9.816	154	397243	44.536	ng	98
53) 3-Nitroaniline	9.751	138	91833	32.417	ng	# 86
54) 2,4-Dinitrophenol	9.874	184	97644	71.953	ng	87
55) Dibenzofuran	9.998	168	563168	41.376	ng	94
56) 4-Nitrophenol	9.939	139	140268	77.909	ng	# 64
57) 2,4-Dinitrotoluene	9.992	165	138126	45.718	ng	# 94
58) Fluorene	10.345	166	369487	35.311	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.127	232	93118	34.010	ng	# 91
60) Diethylphthalate	10.216	149	443864	40.147	ng	96
61) 4-Chlorophenyl-phenyle...	10.333	204	176992	35.212	ng	# 88
62) 4-Nitroaniline	10.369	138	75413	27.694	ng	84
63) Azobenzene	10.498	77	362748	33.525	ng	92
65) 4,6-Dinitro-2-methylph...	10.410	198	46893	68.053	ng	# 1
66) n-Nitrosodiphenylamine	10.457	169	330073	84.038	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	81320	63.024	ng	# 75
68) Hexachlorobenzene	10.916	284	87230	66.358	ng	# 60
69) Atrazine	11.016	200	77603	73.430	ng	# 61
70) Pentachlorophenol	11.121	266	57081	72.578	ng	96
71) Phenanthrene	11.333	178	285900m	46.595	ng	
72) Anthracene	11.386	178	290117m	45.999	ng	
73) Carbazole	11.545	167	257711	44.886	ng	# 81
74) Di-n-butylphthalate	11.874	149	320253m	47.337	ng	
75) Fluoranthene	12.545	202	342227	53.527	ng	95
77) Benzidine	12.663	184	31680	8.159	ng	# 1
78) Pyrene	12.768	202	391718	21.708	ng	96
80) Butylbenzylphthalate	13.362	149	217222	34.191	ng	# 86
81) Benzo(a)anthracene	13.945	228	569094	46.501	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	79060	20.682	ng	# 95
83) Chrysene	13.980	228	530291	43.582	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	400220	61.388	ng	99
85) Di-n-octyl phthalate	14.527	149	773798	74.686	ng	94
87) Indeno(1,2,3-cd)pyrene	16.892	276	866267	45.766	ng	99
88) Benzo(b)fluoranthene	14.980	252	667460m	42.710	ng	
89) Benzo(k)fluoranthene	15.009	252	628098	40.687	ng	99
90) Benzo(a)pyrene	15.339	252	618305	41.488	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	703549	45.427	ng	99
92) Benzo(g,h,i)perylene	17.333	276	742254	45.890	ng	97

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

Manual Integrations

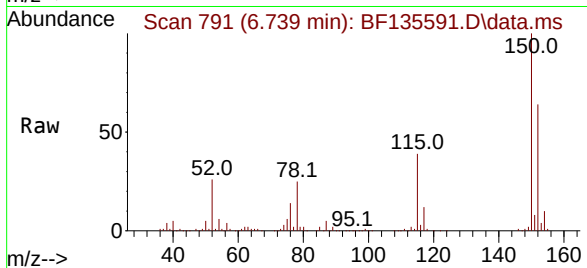
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

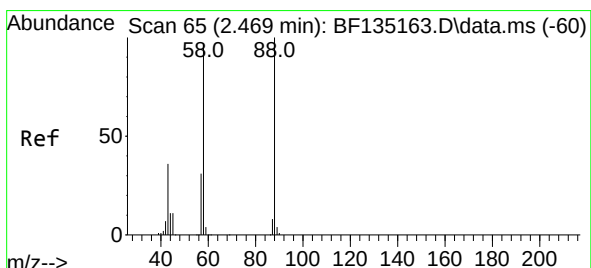
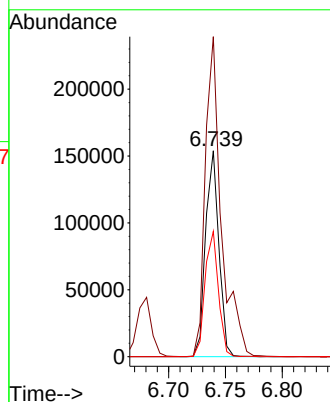
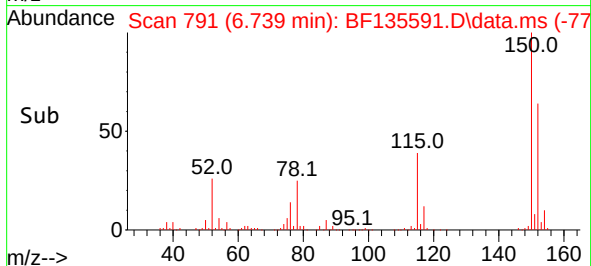
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:152 Resp: 12503
Ion Ratio Lower Upper
152 100
150 155.4 127.8 191.6
115 60.9 49.8 74.8

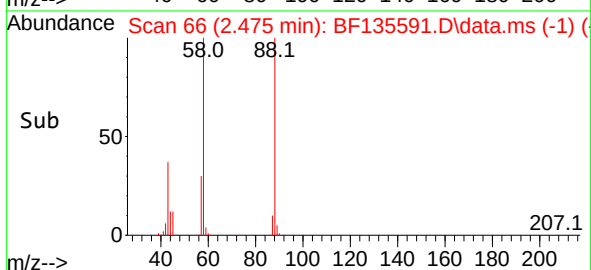
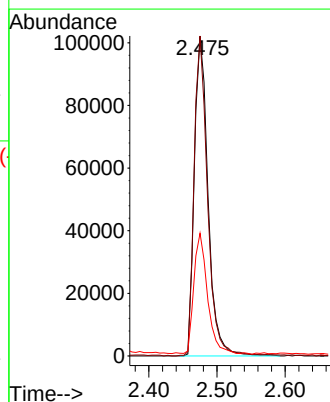
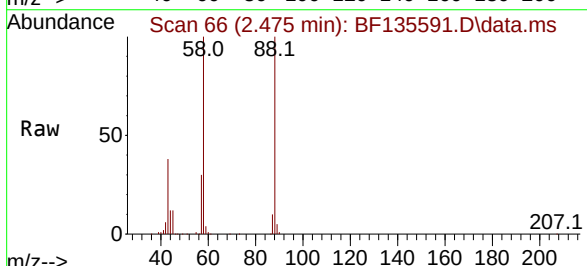
Manual Integrations
APPROVED

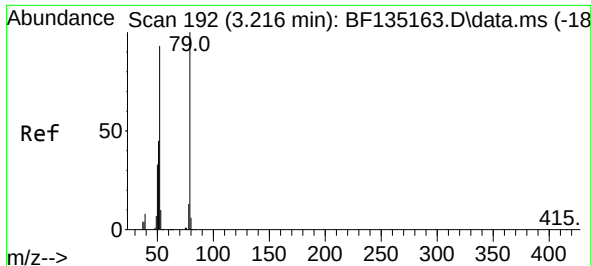
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#2
1,4-Dioxane
Concen: 42.077 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.053 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

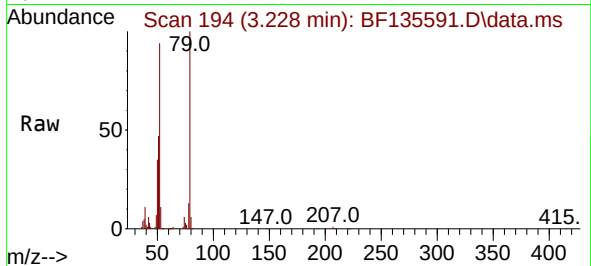
Tgt Ion: 88 Resp: 141800
Ion Ratio Lower Upper
88 100
58 97.9 78.3 117.5
43 37.1 29.4 44.0





#3
Pyridine
Concen: 34.675 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.065 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

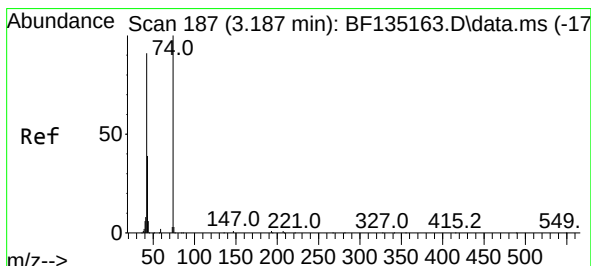
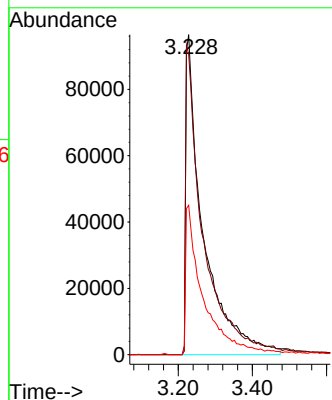
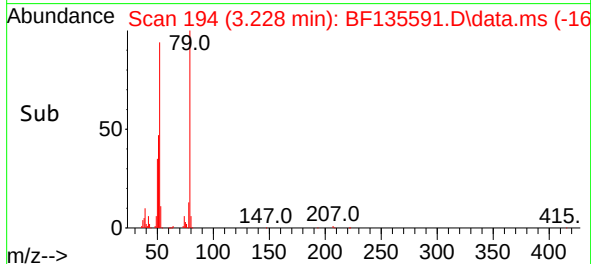
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



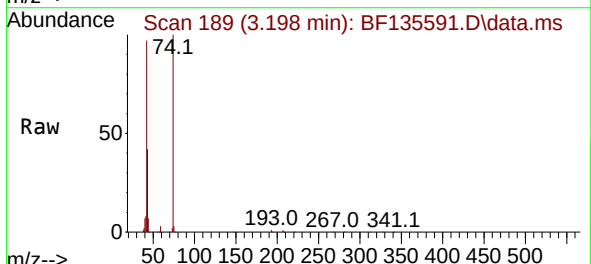
Tgt Ion: 79 Resp: 31450
Ion Ratio Lower Upper
79 100
52 93.8 74.1 111.1
51 46.7 35.8 53.8

Manual Integrations
APPROVED

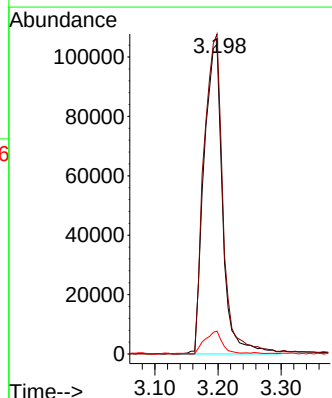
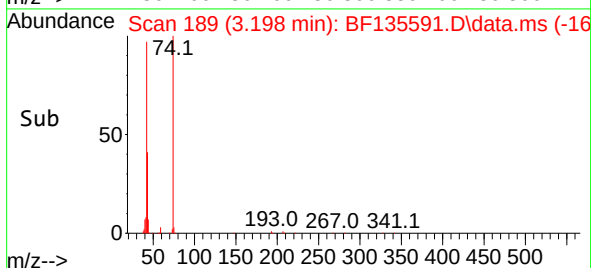
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

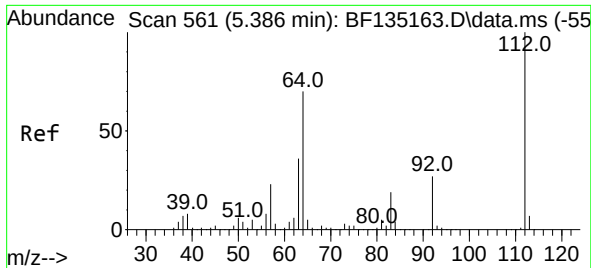


#4
n-Nitrosodimethylamine
Concen: 44.550 ng
RT: 3.198 min Scan# 189
Delta R.T. 0.065 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion: 42 Resp: 214420
Ion Ratio Lower Upper
42 100
74 103.3 87.7 131.5
44 7.4 5.6 8.4





#5
2-Fluorophenol
Concen: 95.266 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

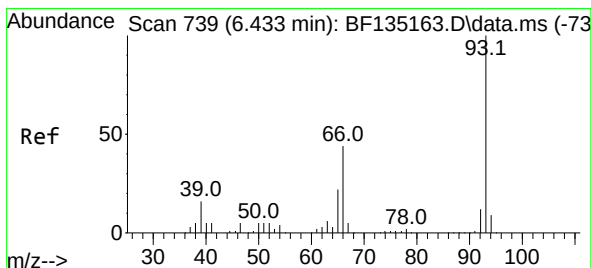
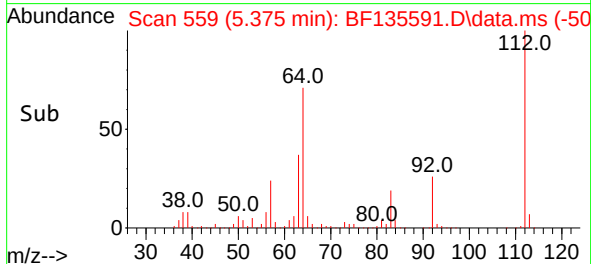
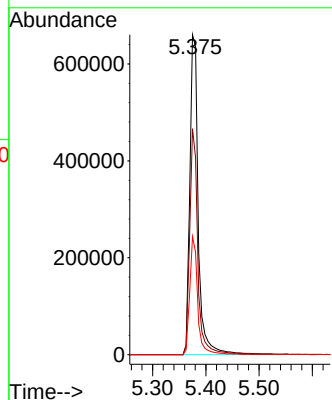
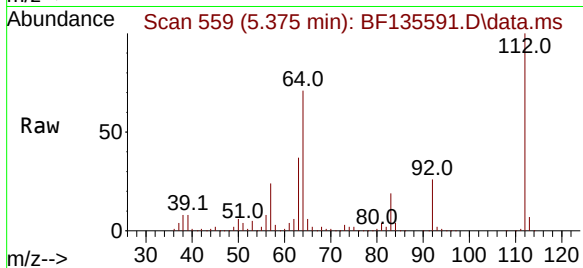
RBR200027MSD

Tgt Ion:112 Resp: 73234
Ion Ratio Lower Upper
112 100
64 70.6 55.9 83.9
63 36.9 29.0 43.6

Manual Integrations

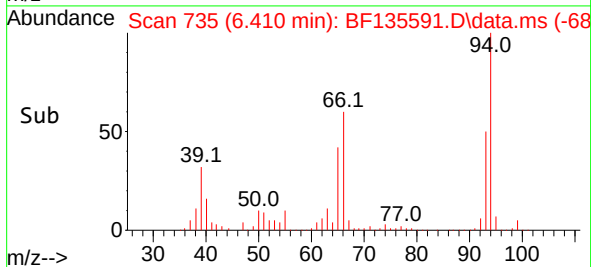
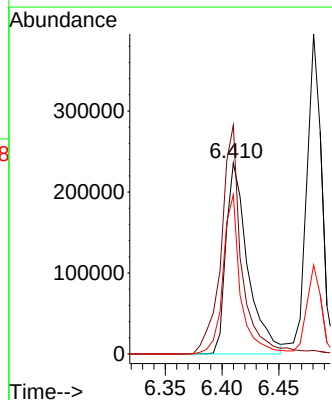
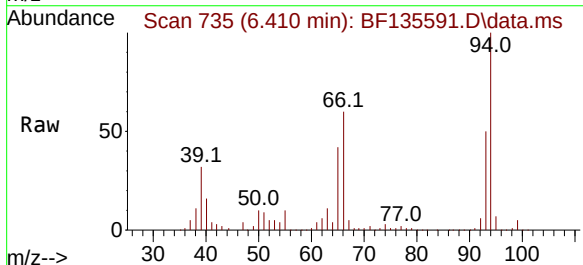
APPROVED

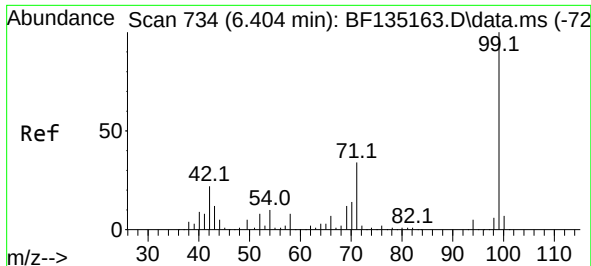
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#6
Aniline
Concen: 24.549 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 93 Resp: 314675
Ion Ratio Lower Upper
93 100
66 119.8 35.4 53.0#
65 83.3 17.8 26.8#





#7

Phenol-d6

Concen: 90.759 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 88716

Ion Ratio Lower Upper

99 100

42 24.2 17.9 26.9

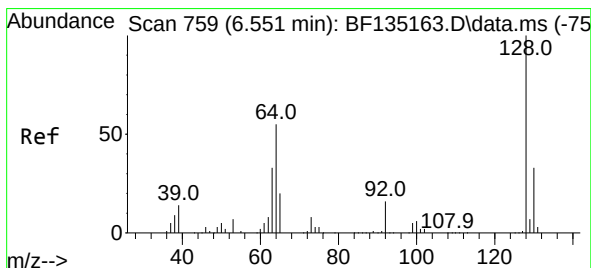
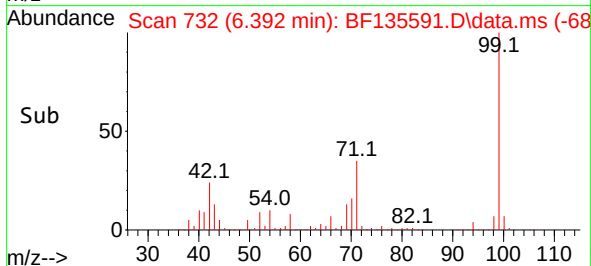
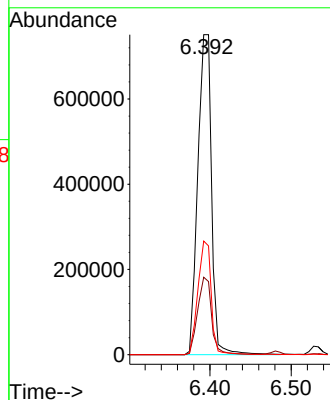
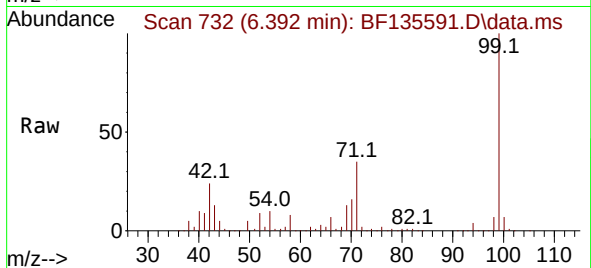
71 35.5 27.0 40.6

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#8

2-Chlorophenol

Concen: 44.461 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

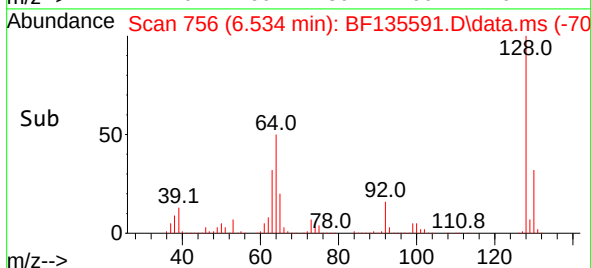
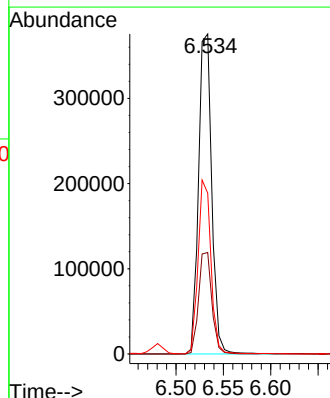
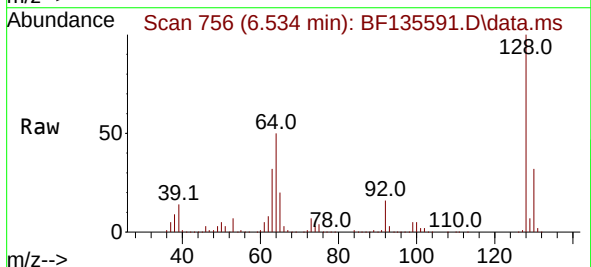
Tgt Ion:128 Resp: 364865

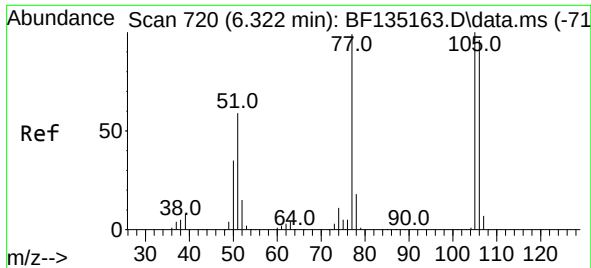
Ion Ratio Lower Upper

128 100

130 31.7 12.7 52.7

64 50.2 35.9 75.9





#9

Benzaldehyde

Concen: 13.337 ng

RT: 6.298 min Scan# 716

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

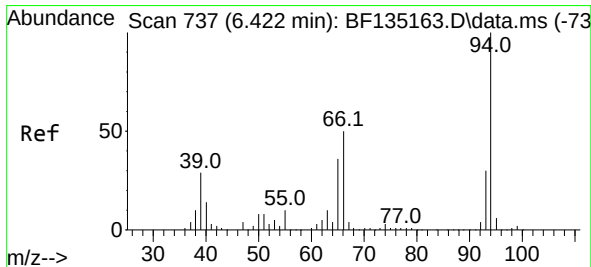
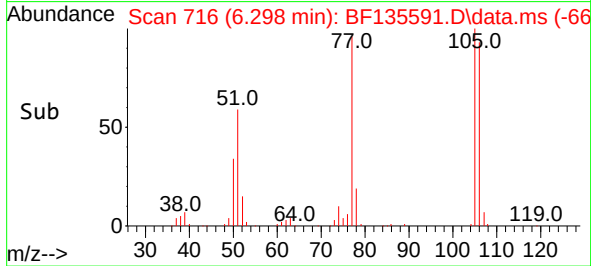
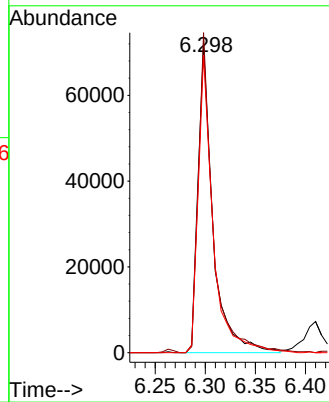
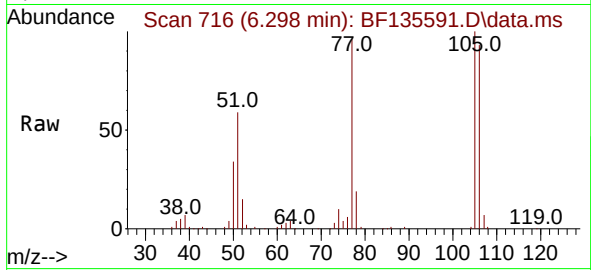
Tgt Ion:	77	Resp:	74270
Ion	Ratio	Lower	Upper
77	100		
105	103.8	81.4	121.4
106	96.5	76.9	116.9

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2023



#10

Phenol

Concen: 40.998 ng

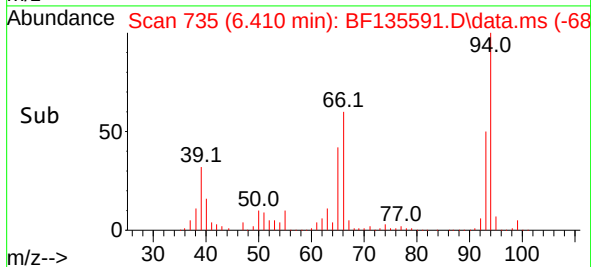
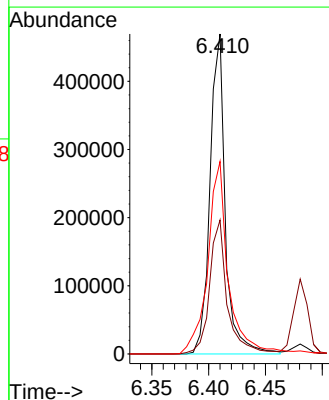
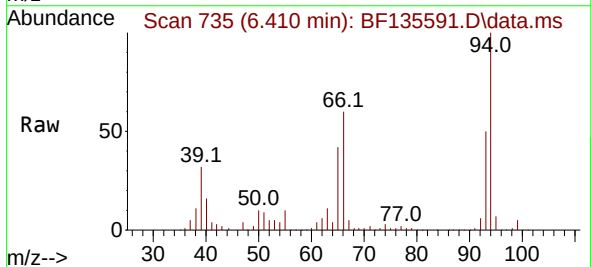
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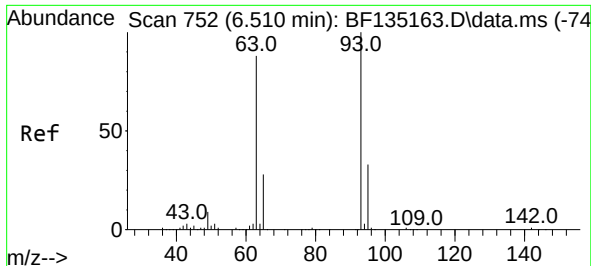
Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:	94	Resp:	439440
Ion	Ratio	Lower	Upper
94	100		
65	41.9	15.9	55.9
66	60.2	29.8	69.8





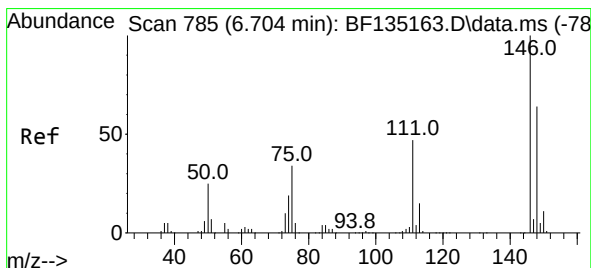
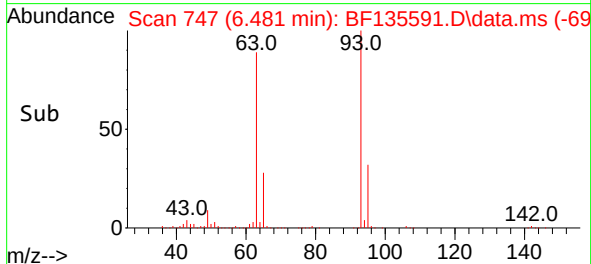
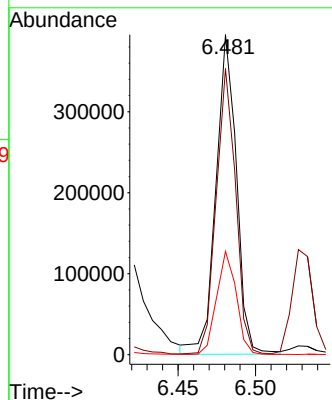
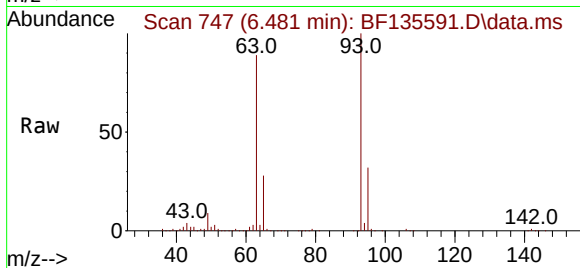
#11
bis(2-Chloroethyl)ether
Concen: 45.278 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

Tgt Ion: 93 Resp: 36404
Ion Ratio Lower Upper
93 100
63 89.4 67.3 107.3
95 32.3 12.7 52.7

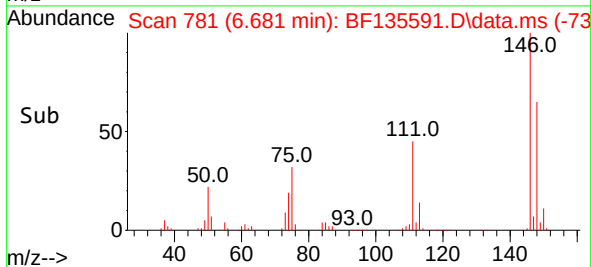
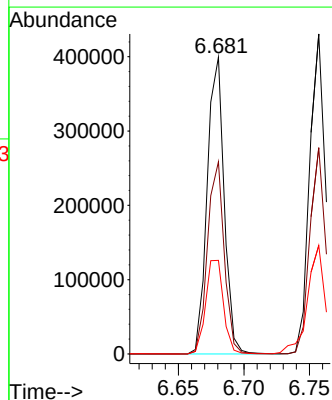
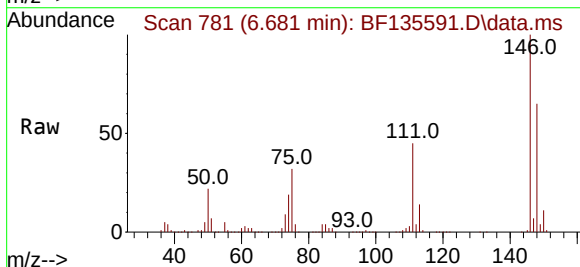
Manual Integrations
APPROVED

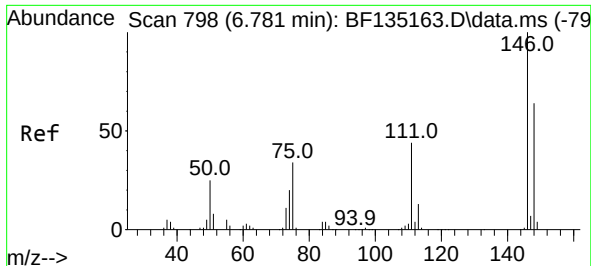
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#12
1,3-Dichlorobenzene
Concen: 43.143 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:146 Resp: 359814
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.330 ng

RT: 6.757 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:146 Resp: 36766

Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

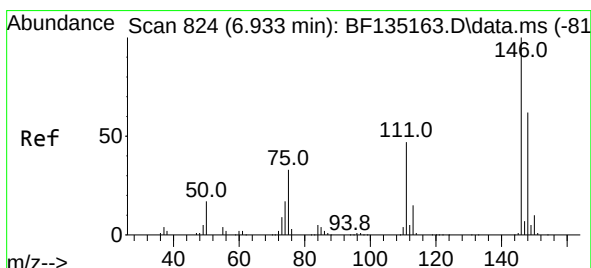
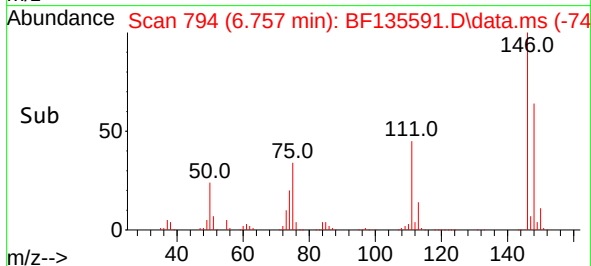
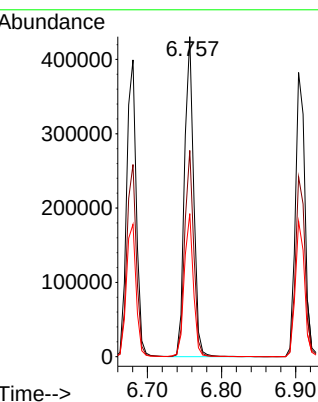
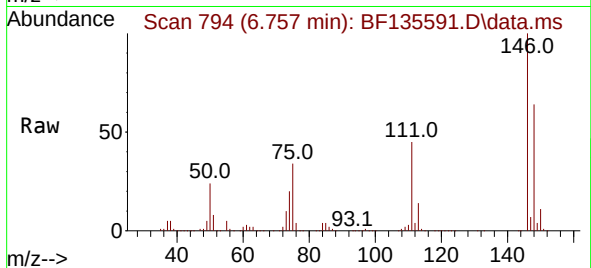
111 44.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#14

1,2-Dichlorobenzene

Concen: 42.909 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

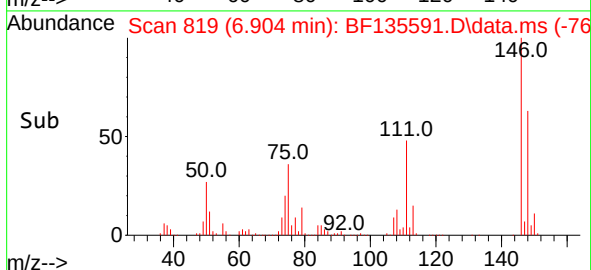
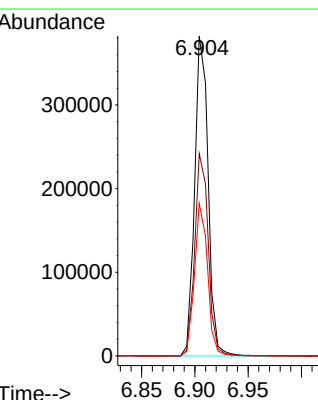
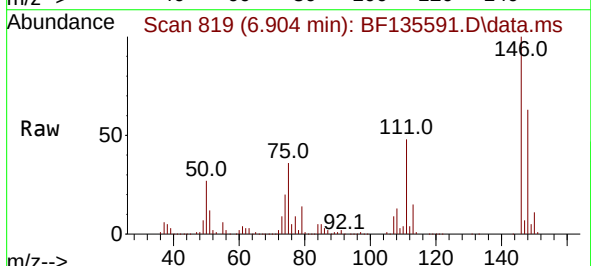
Tgt Ion:146 Resp: 338112

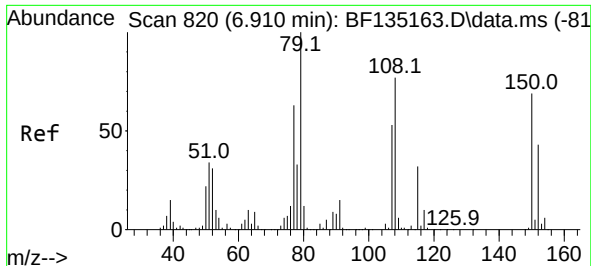
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

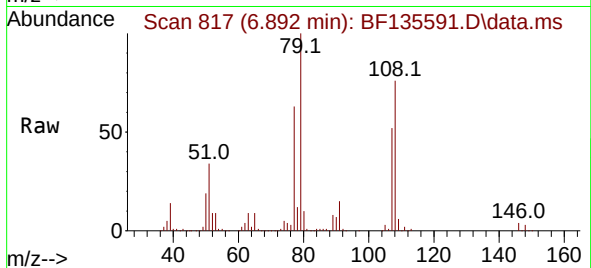
111 47.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 42.924 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

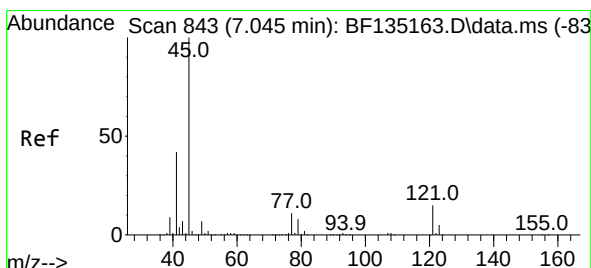
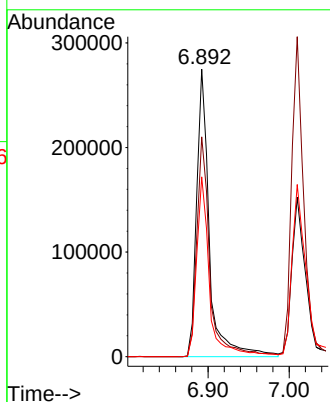
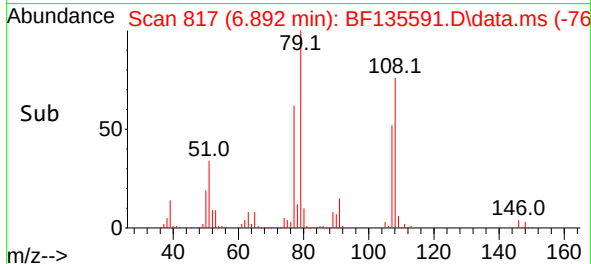
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion: 79 Resp: 30108
Ion Ratio Lower Upper
79 100
108 76.5 61.2 91.8
77 62.5 50.5 75.7

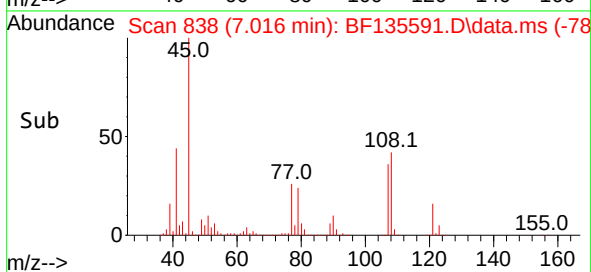
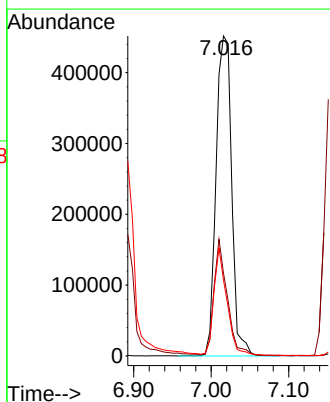
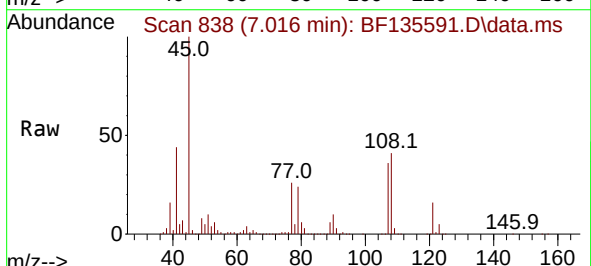
Manual Integrations
APPROVED

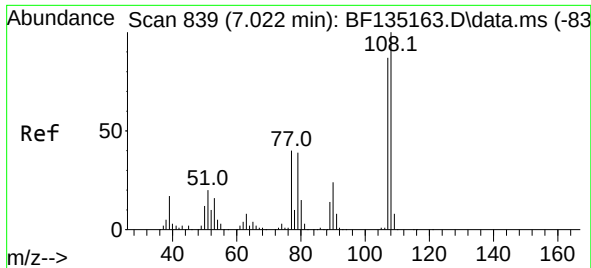
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.674 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

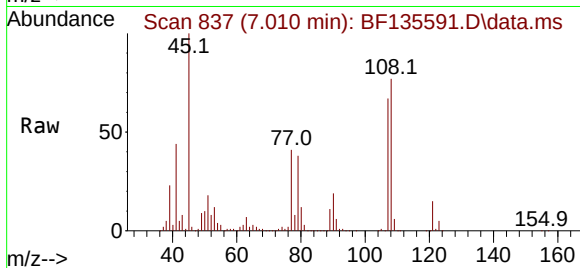
Tgt Ion: 45 Resp: 631566
Ion Ratio Lower Upper
45 100
77 25.9 0.0 30.6
79 23.7 0.0 28.3





#17
2-Methylphenol
Concen: 38.615 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

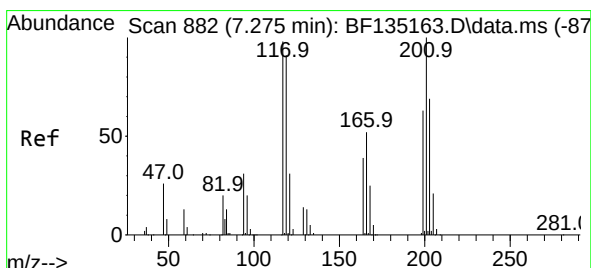
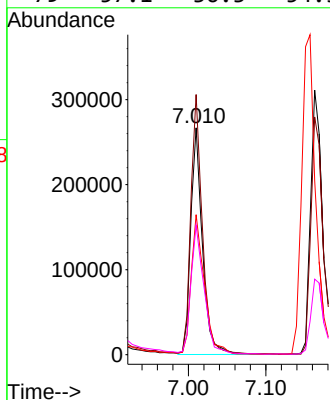
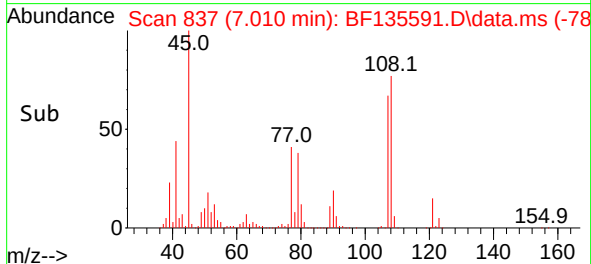
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:107 Resp: 27964
Ion Ratio Lower Upper
107 100
108 114.6 92.0 138.0
77 61.7 36.7 55.1
79 57.1 36.3 54.5#

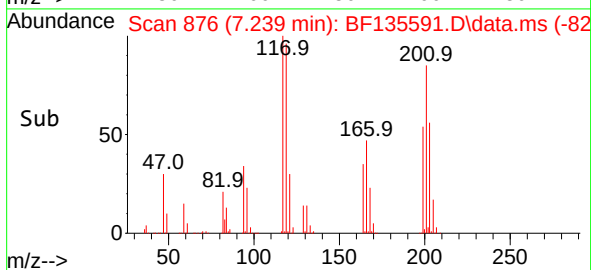
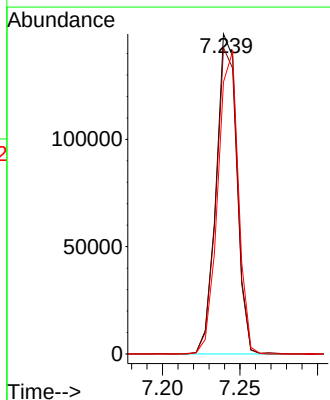
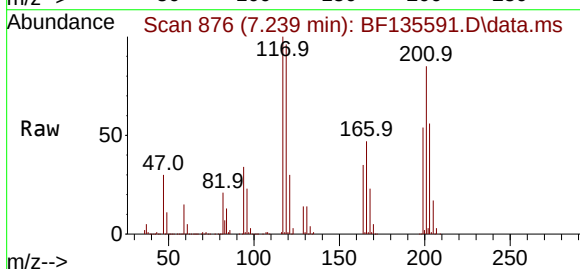
Manual Integrations
APPROVED

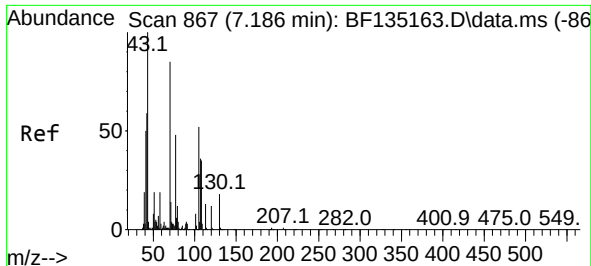
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#18
Hexachloroethane
Concen: 44.642 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

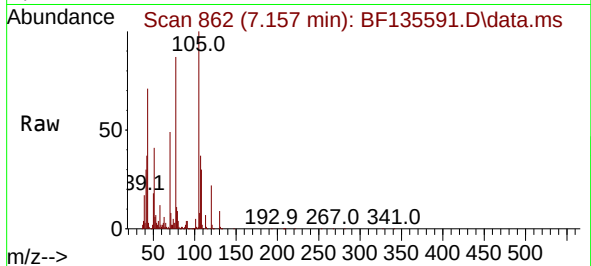
Tgt Ion:117 Resp: 139962
Ion Ratio Lower Upper
117 100
119 95.7 74.7 112.1
201 85.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.860 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

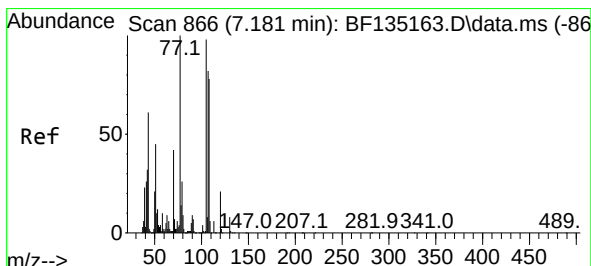
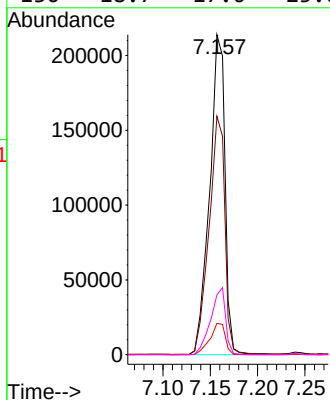
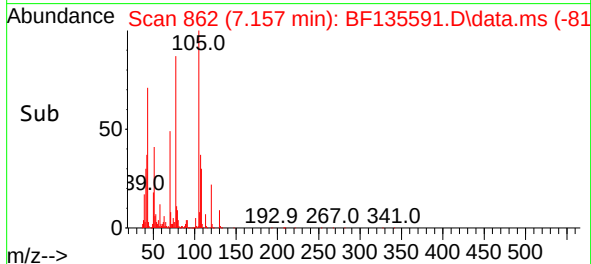
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



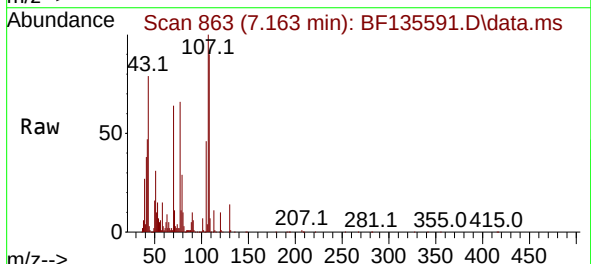
Tgt Ion: 70 Resp: 241334
Ion Ratio Lower Upper
70 100
42 74.5 55.4 83.0
101 9.8 7.7 11.5
130 18.7 17.0 25.6

Manual Integrations
APPROVED

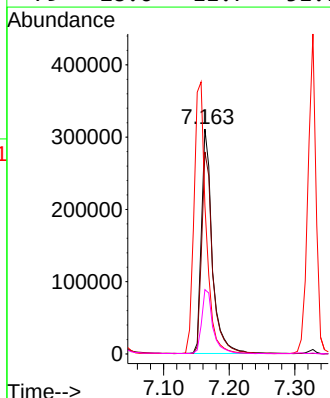
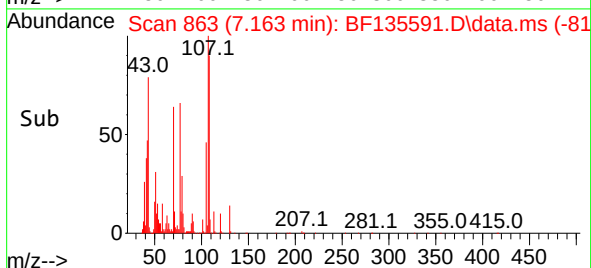
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

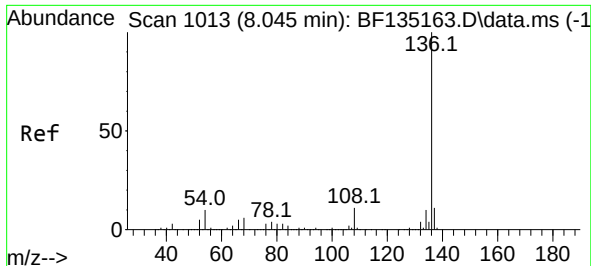


#20
3+4-Methylphenols
Concen: 40.770 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



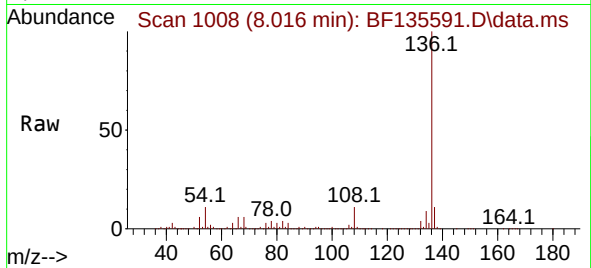
Tgt Ion:107 Resp: 355026
Ion Ratio Lower Upper
107 100
108 89.8 74.7 114.7
77 65.8 102.0 142.0#
79 28.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

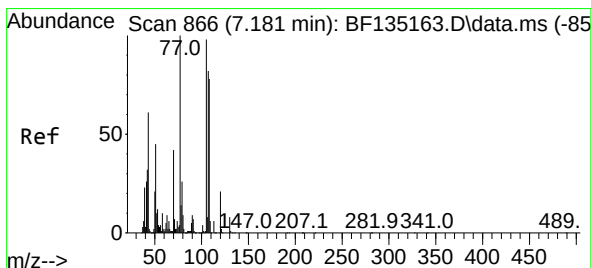
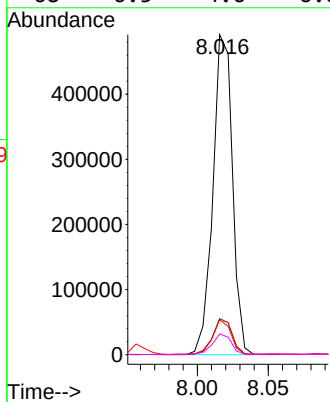
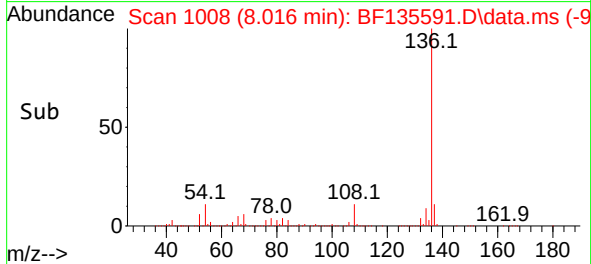
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:136 Resp: 468930
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.9 7.7 11.5
68 6.5 4.6 6.8

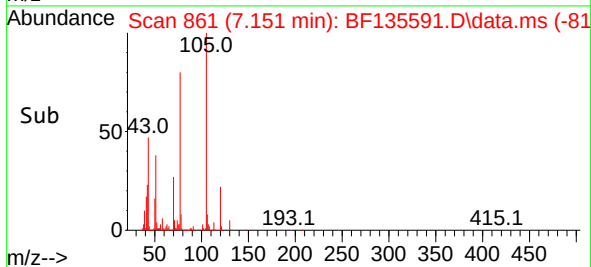
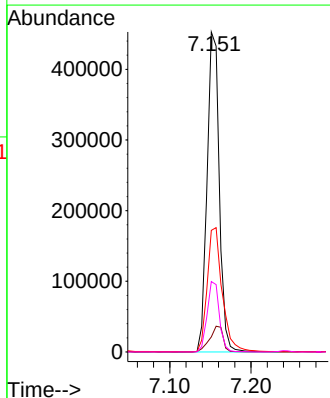
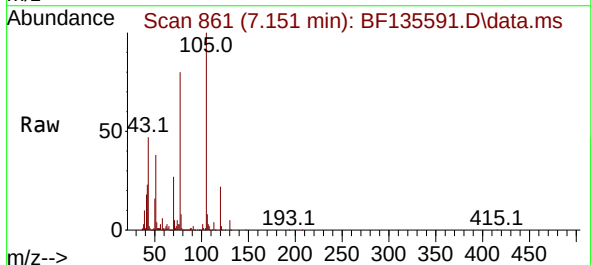
Manual Integrations
APPROVED

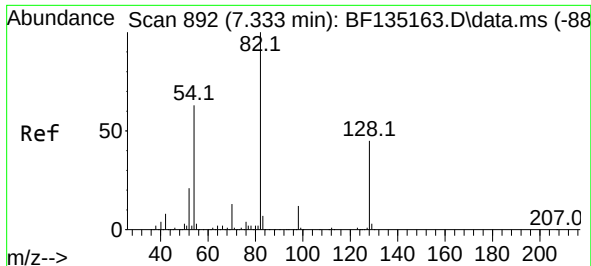
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#22
Acetophenone
Concen: 43.949 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:105 Resp: 471180
Ion Ratio Lower Upper
105 100
71 4.7 5.8 8.6#
51 38.0 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.057 ng

RT: 7.310 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion: 82 Resp: 55290

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

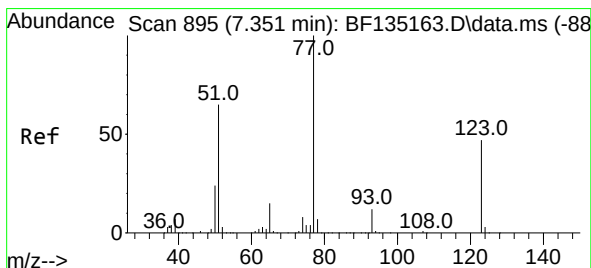
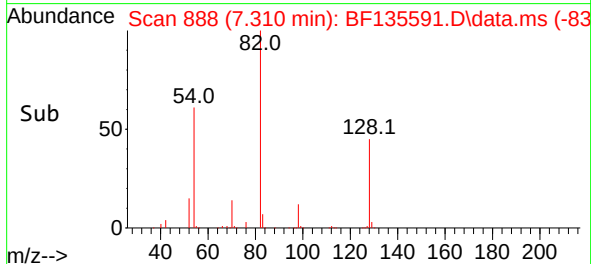
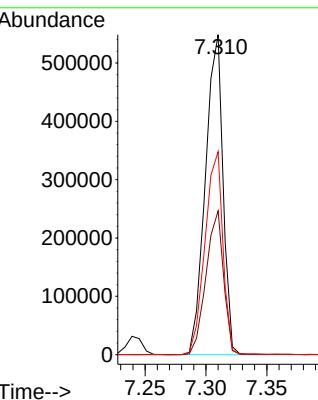
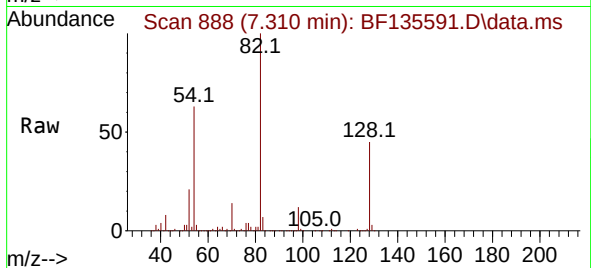
54 63.5 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#24

Nitrobenzene

Concen: 44.357 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

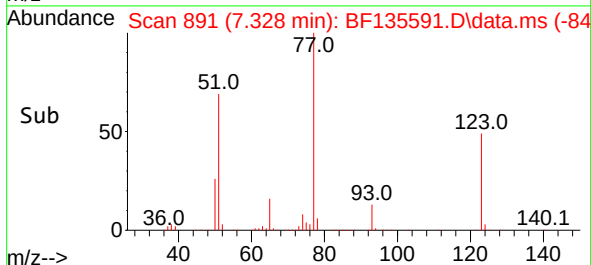
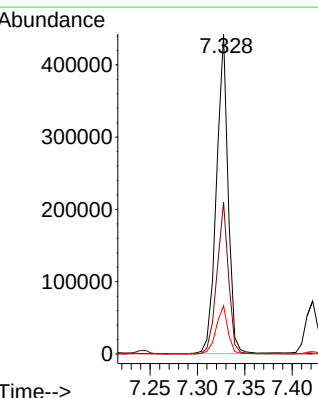
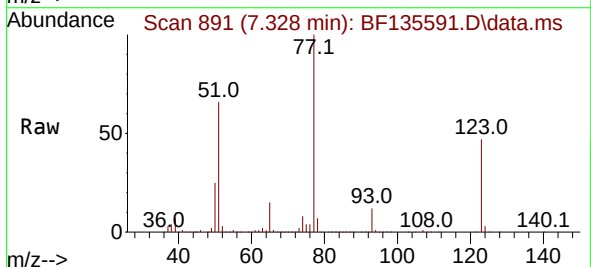
Tgt Ion: 77 Resp: 378420

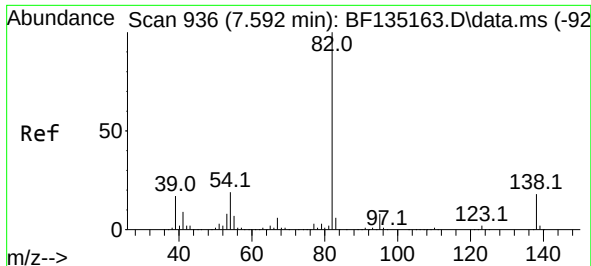
Ion Ratio Lower Upper

77 100

123 47.5 37.6 56.4

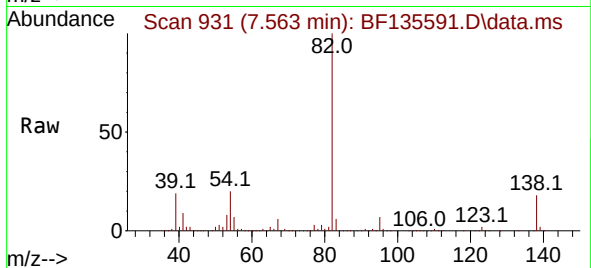
65 15.1 12.2 18.4





#25
Isophorone
Concen: 43.462 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

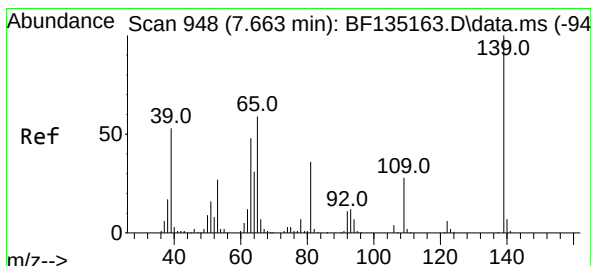
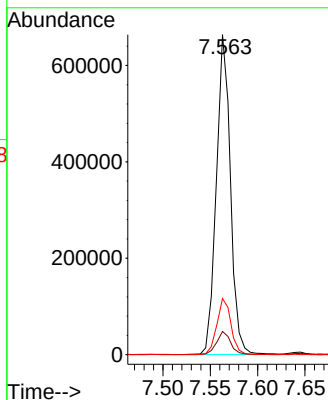
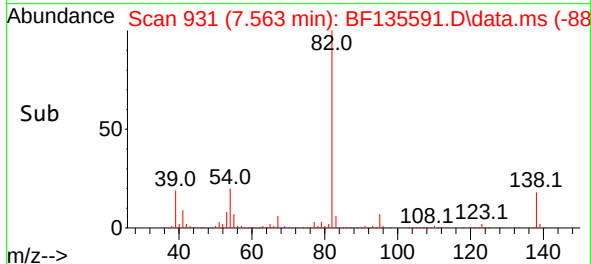
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



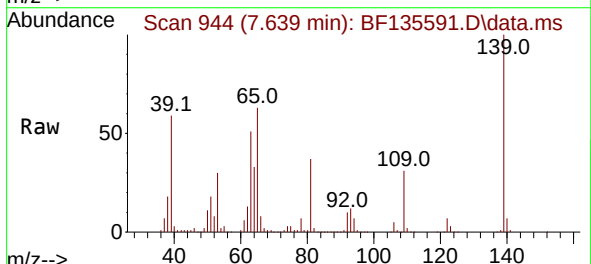
Tgt Ion: 82 Resp: 68884
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.6 14.5 21.7

Manual Integrations
APPROVED

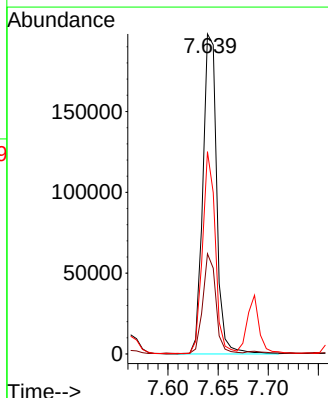
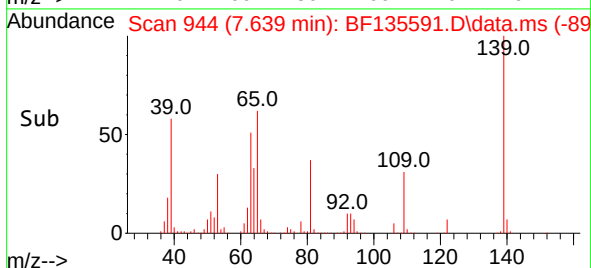
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

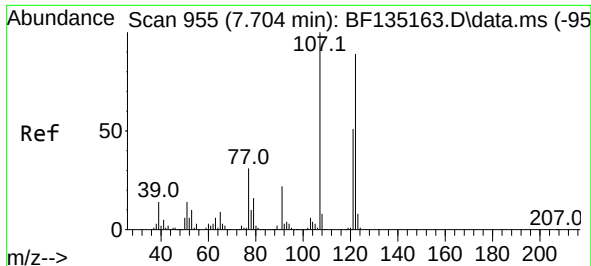


#26
2-Nitrophenol
Concen: 46.794 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion:139 Resp: 191599
Ion Ratio Lower Upper
139 100
109 31.3 22.6 33.8
65 63.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 38.178 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135591.D

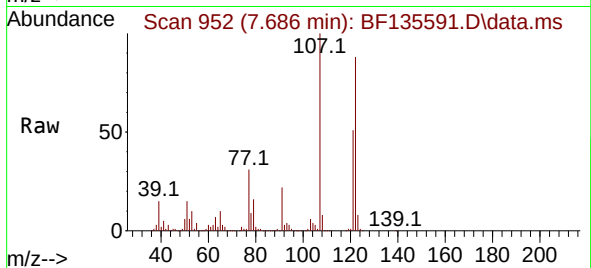
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD



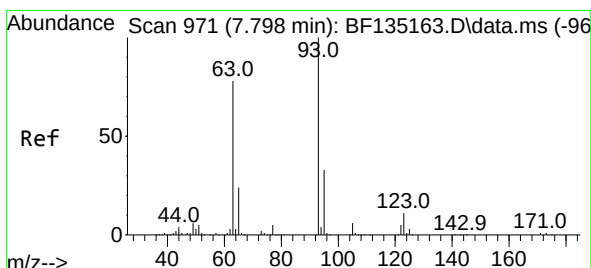
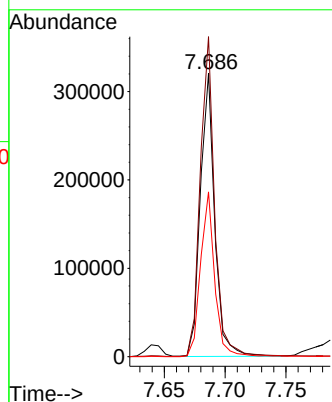
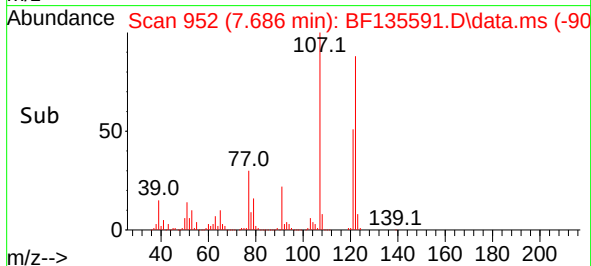
Tgt Ion:	122	Resp:	262750
Ion Ratio	Lower	Upper	
122	100		
107	113.0	90.2	135.4
121	58.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.529 ng

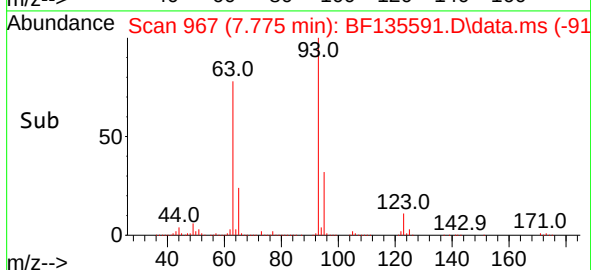
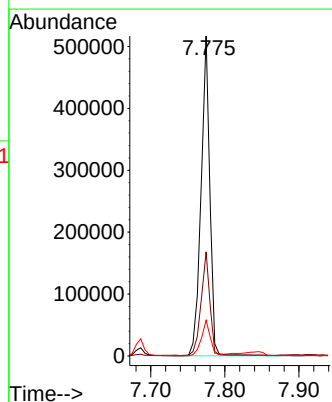
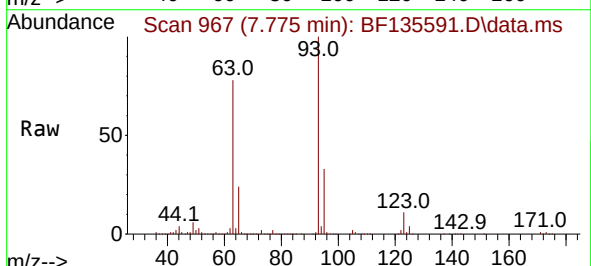
RT: 7.775 min Scan# 967

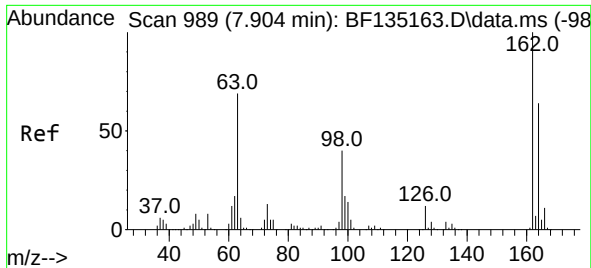
Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:	93	Resp:	422419
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.2	39.2
123	11.1	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 46.219 ng

RT: 7.886 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

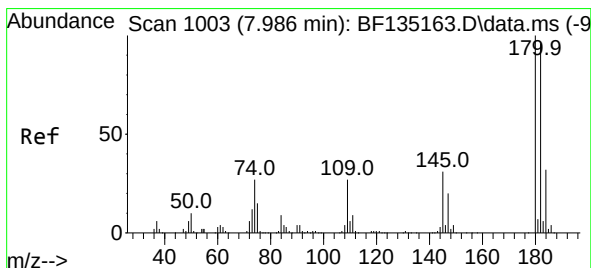
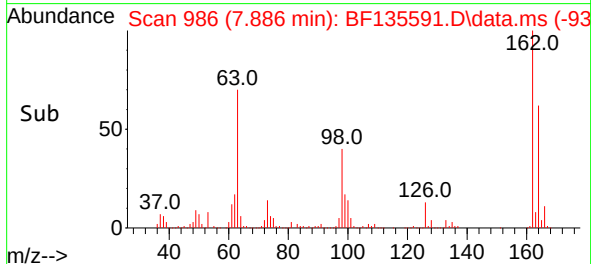
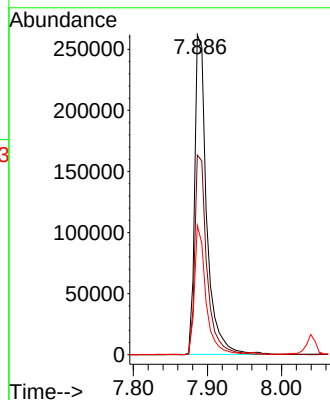
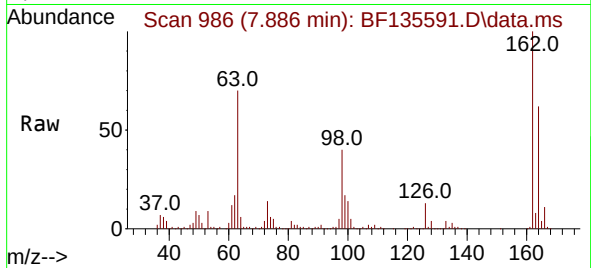
RBR200027MSD

Tgt Ion:162 Resp: 294750
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.1 84.1
 98 40.4 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.714 ng

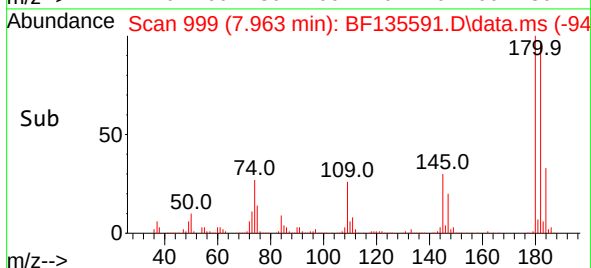
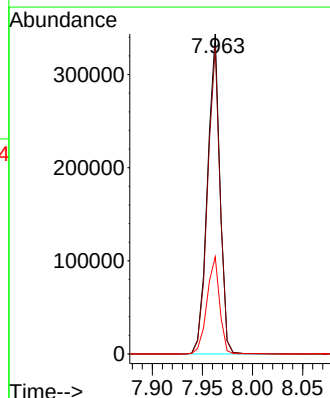
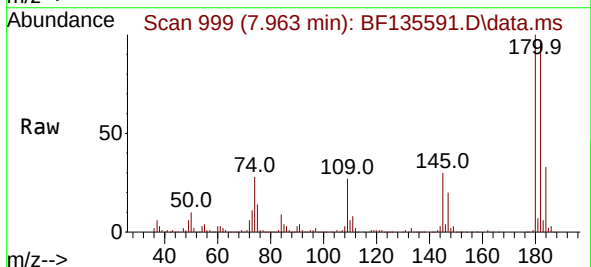
RT: 7.963 min Scan# 999

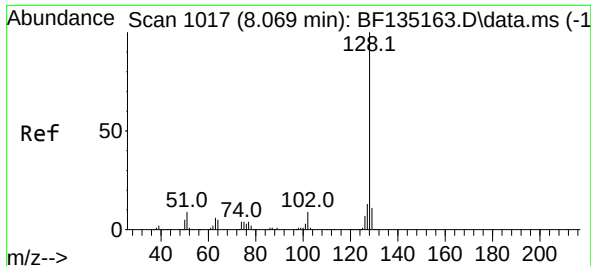
Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

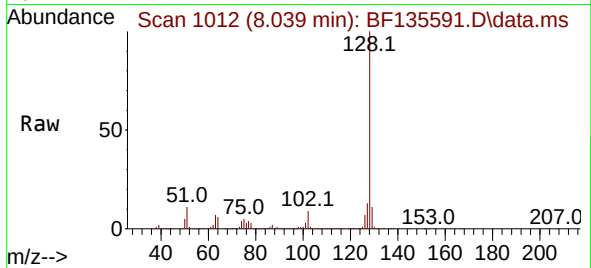
Tgt Ion:180 Resp: 298051
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.9 115.3
 145 30.3 24.5 36.7





#31
Naphthalene
Concen: 43.342 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

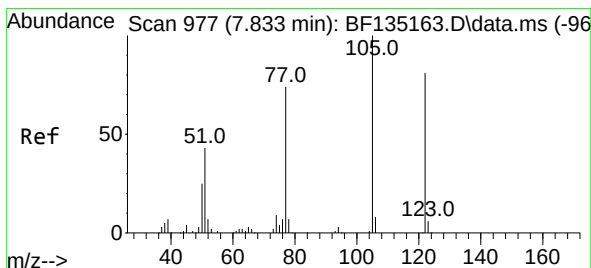
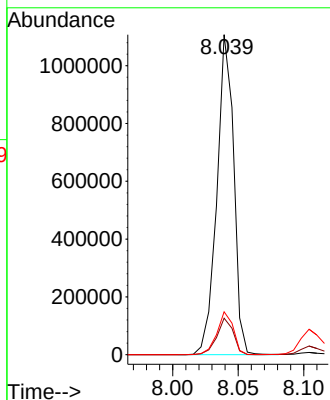
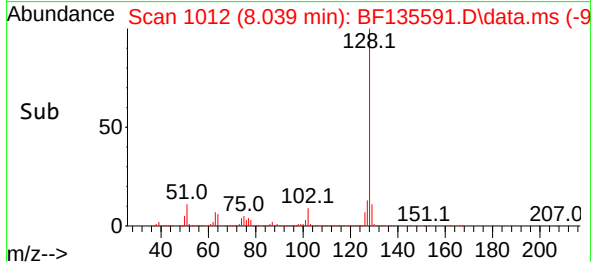
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:128 Resp: 987500
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.7 16.1

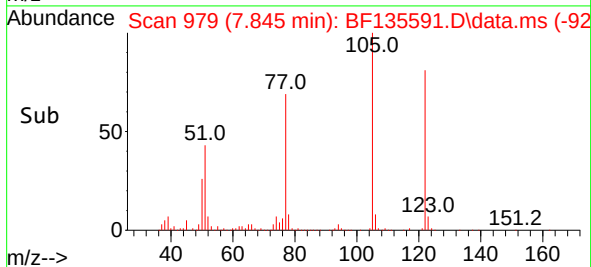
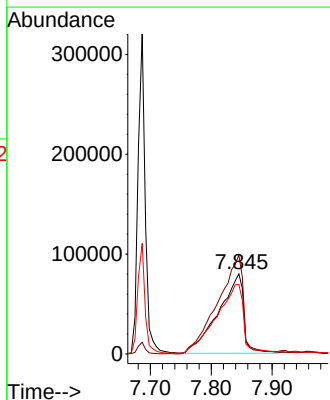
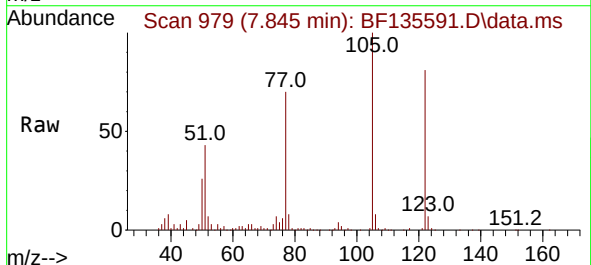
Manual Integrations
APPROVED

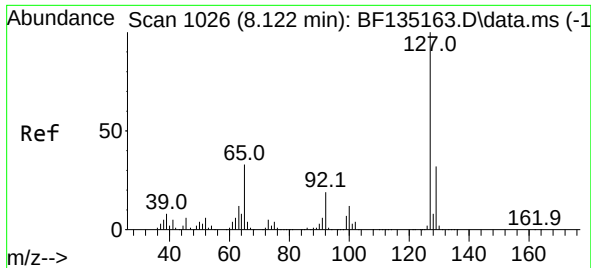
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#32
Benzoic acid
Concen: 44.355 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:122 Resp: 229867
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 86.8 70.0 110.0





#33
4-Chloroaniline
Concen: 14.011 ng
RT: 8.104 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

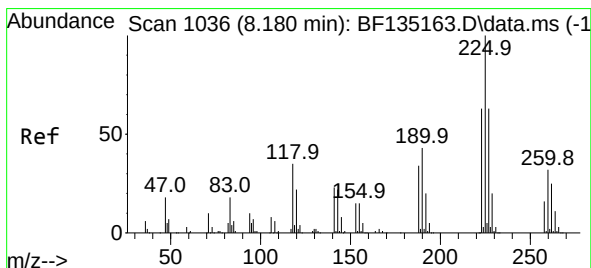
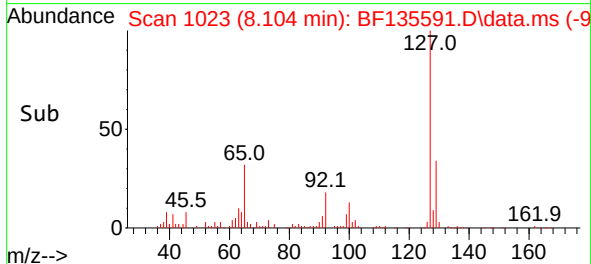
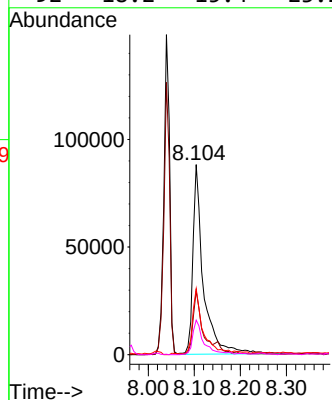
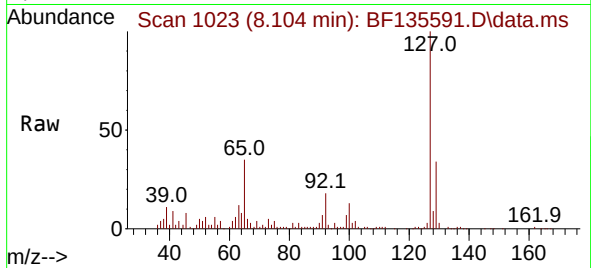
RBR200027MSD

Tgt Ion:127 Resp: 140062
Ion Ratio Lower Upper
127 100
129 33.6 25.8 38.8
65 34.7 26.6 39.8
92 18.2 15.4 23.2

Manual Integrations

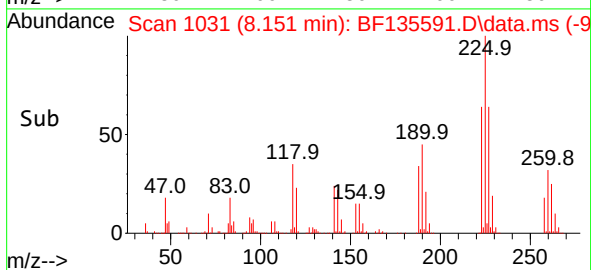
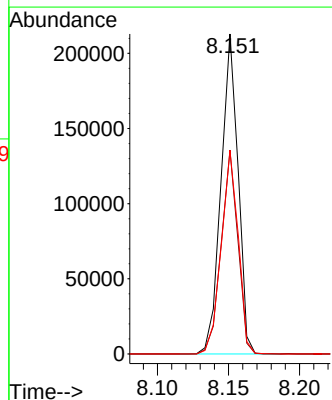
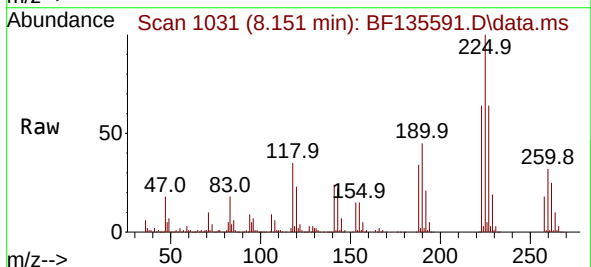
APPROVED

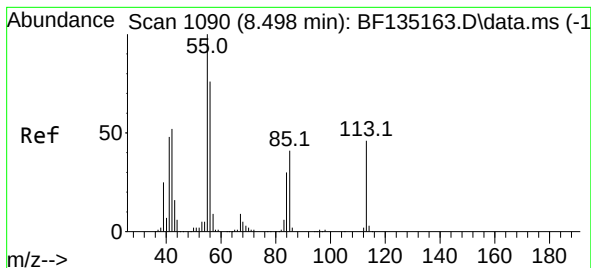
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#34
Hexachlorobutadiene
Concen: 44.030 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

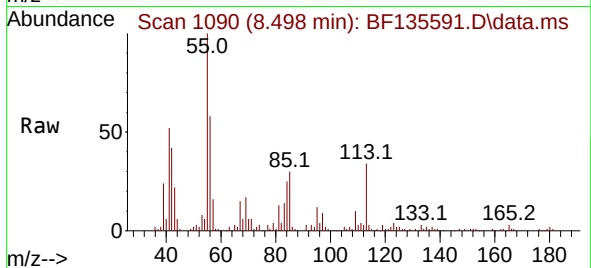
Tgt Ion:225 Resp: 176972
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 43.644 ng
RT: 8.498 min Scan# 1090
Delta R.T. 0.029 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

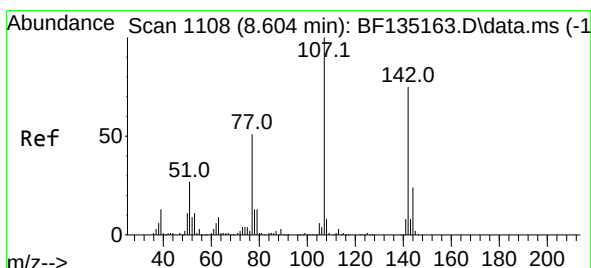
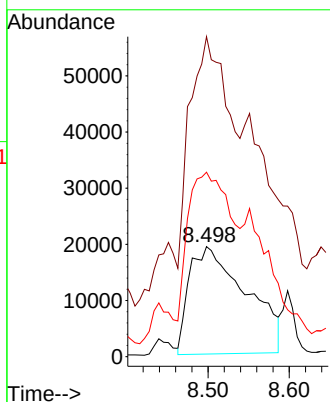
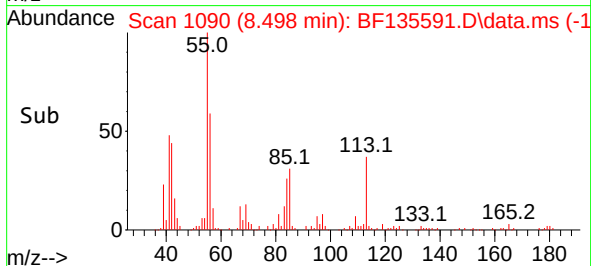
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:113 Resp: 93412
Ion Ratio Lower Upper
113 100
55 290.8 199.3 239.3
56 167.6 146.3 186.3

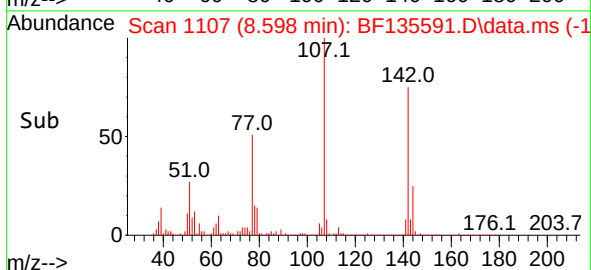
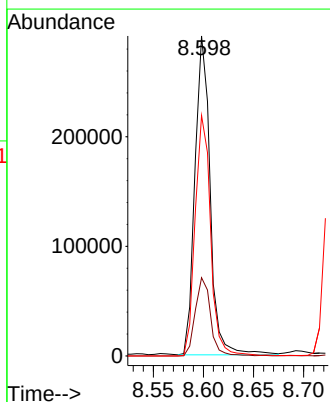
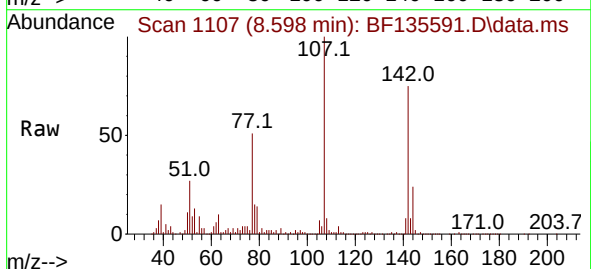
Manual Integrations
APPROVED

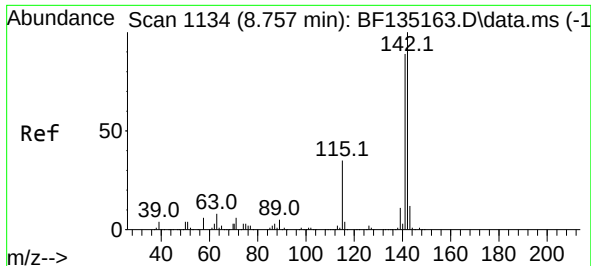
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#36
4-Chloro-3-methylphenol
Concen: 43.463 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:107 Resp: 308064
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 75.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.663 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:142 Resp: 59214

Ion Ratio Lower Upper

142 100

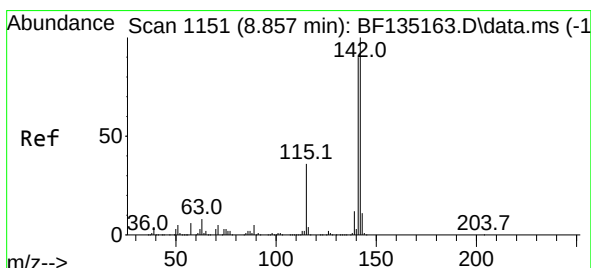
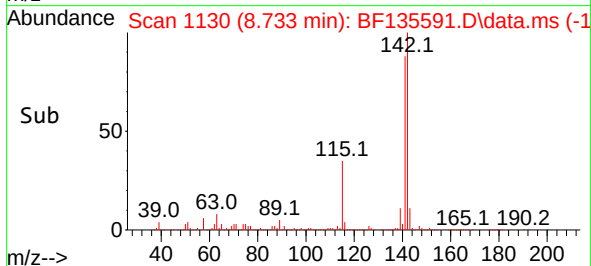
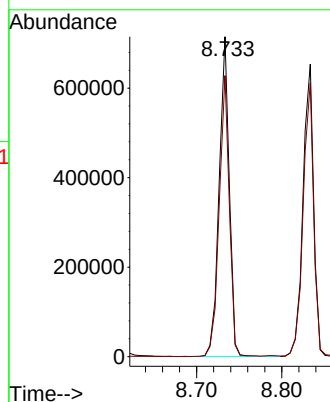
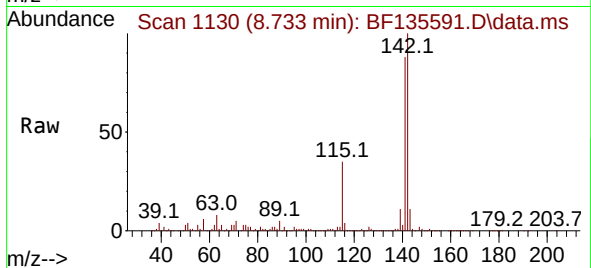
141 87.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#38

1-Methylnaphthalene

Concen: 39.416 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135591.D

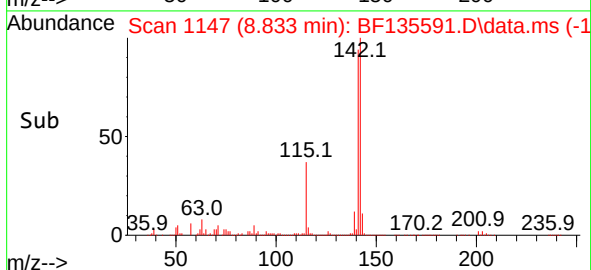
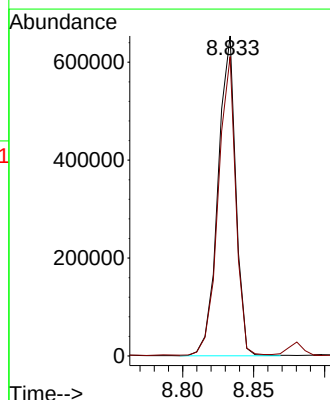
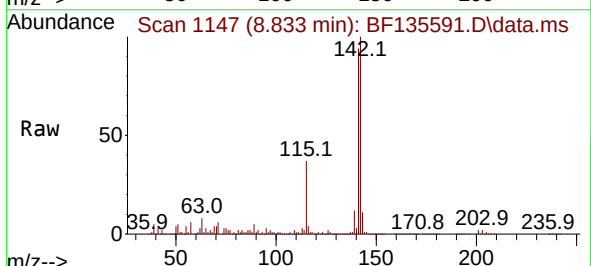
Acq: 05 Oct 2023 02:33

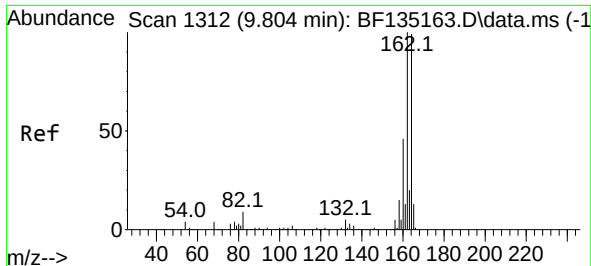
Tgt Ion:142 Resp: 565187

Ion Ratio Lower Upper

142 100

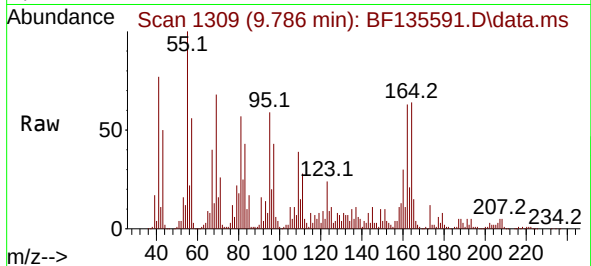
141 93.6 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

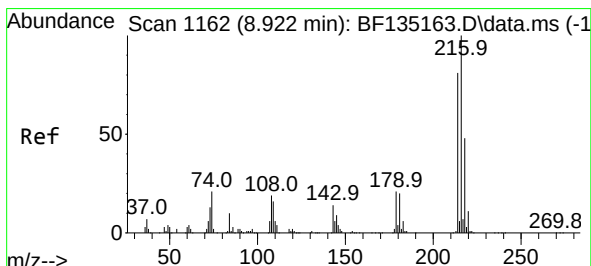
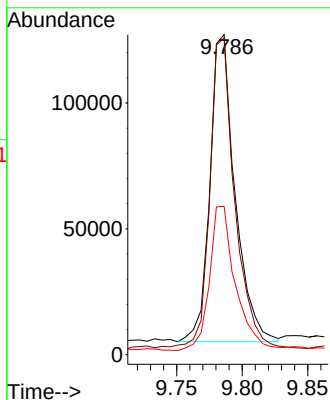
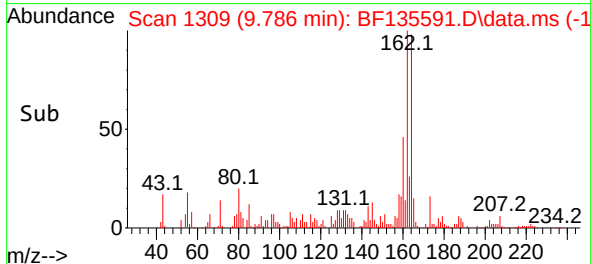
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



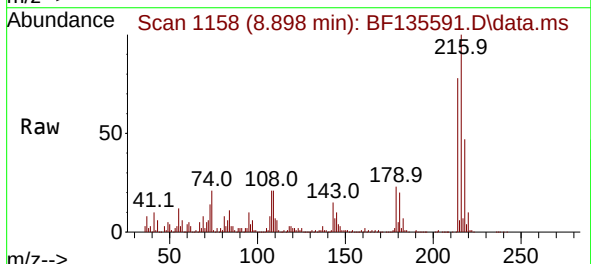
Tgt Ion:164 Resp: 162939
Ion Ratio Lower Upper
164 100
162 98.9 81.0 121.4
160 46.3 37.0 55.4

Manual Integrations
APPROVED

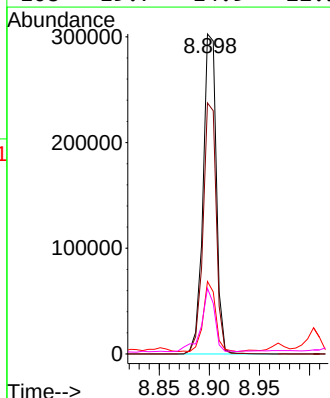
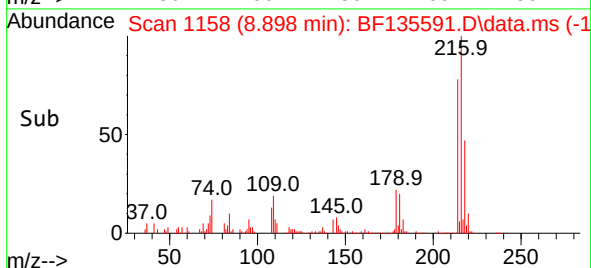
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

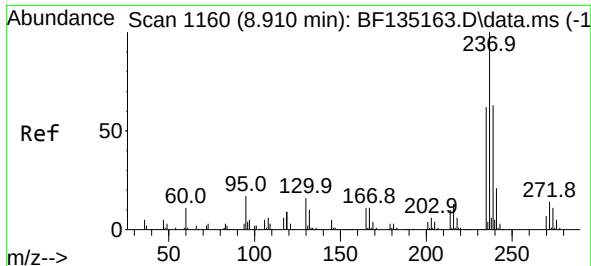


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.196 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



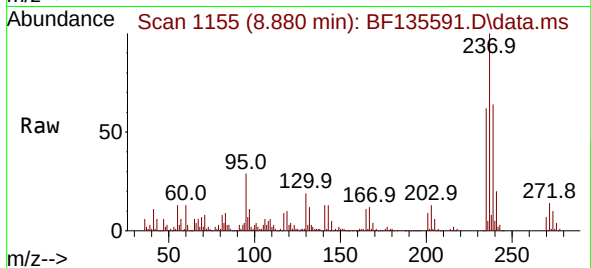
Tgt Ion:216 Resp: 279436
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 20.5 16.7 25.1
108 19.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 76.175 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

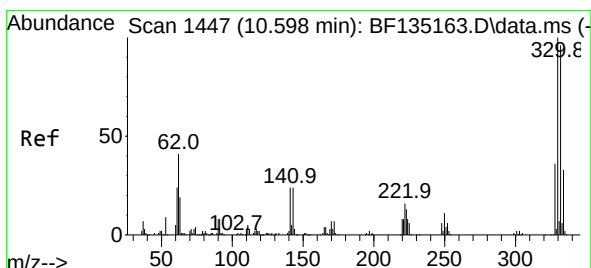
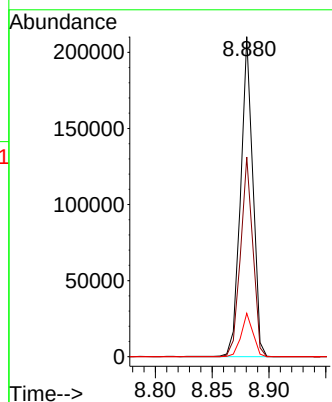
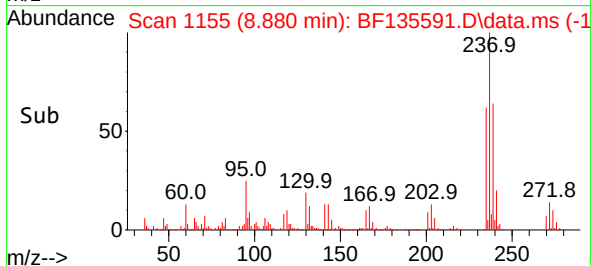
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:237 Resp: 157634
Ion Ratio Lower Upper
237 100
235 62.4 41.8 81.8
272 13.5 0.0 33.6

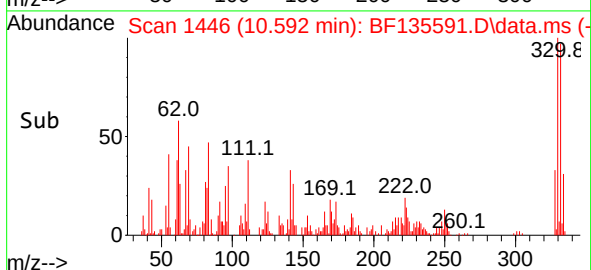
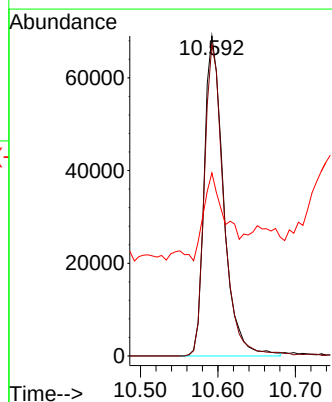
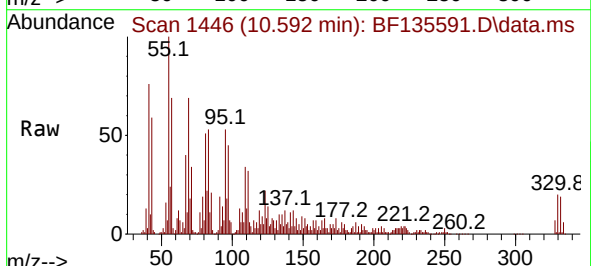
Manual Integrations
APPROVED

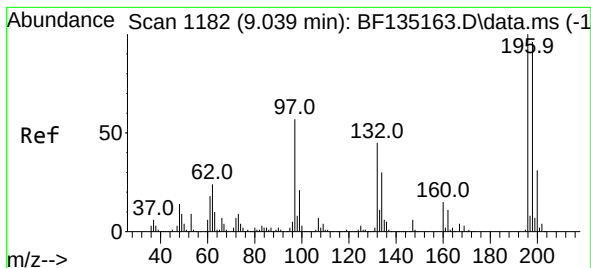
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#42
2,4,6-Tribromophenol
Concen: 73.679 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:330 Resp: 119302
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 56.129 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135591.D

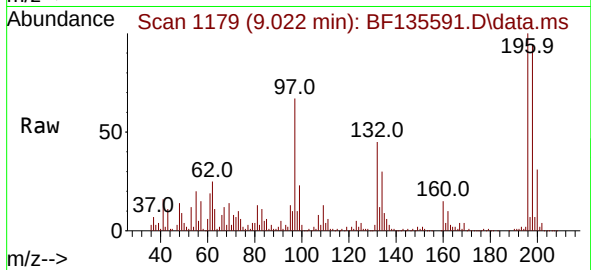
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD



Tgt Ion:196 Resp: 173479

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

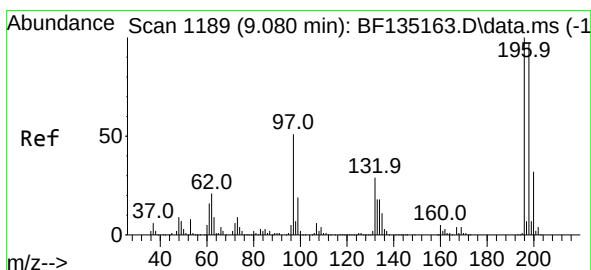
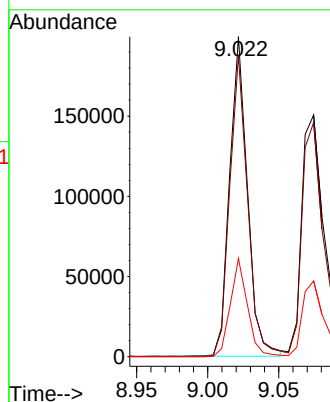
200 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#44

2,4,5-Trichlorophenol

Concen: 52.455 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:196 Resp: 186702

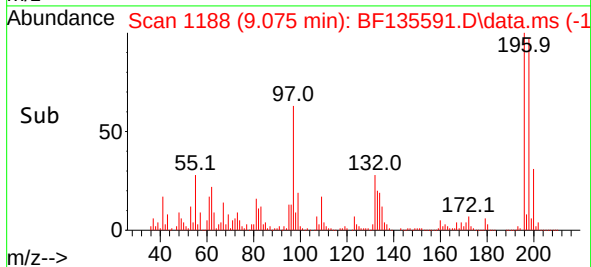
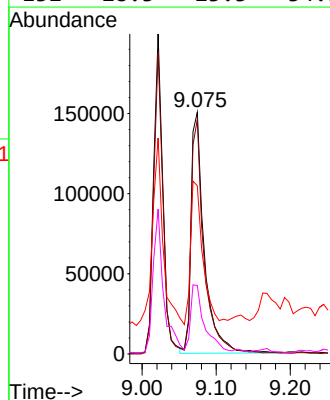
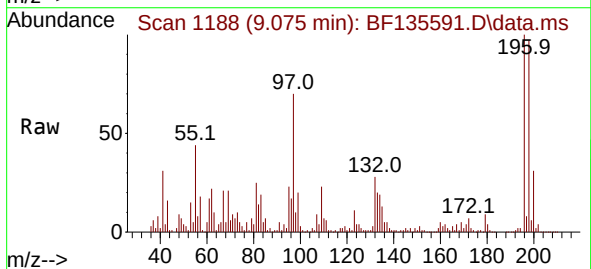
Ion Ratio Lower Upper

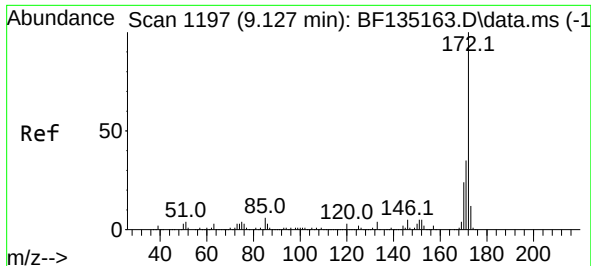
196 100

198 96.9 77.5 116.3

97 69.6 40.5 60.7#

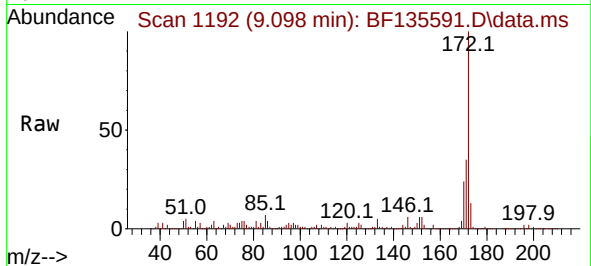
132 28.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 80.178 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

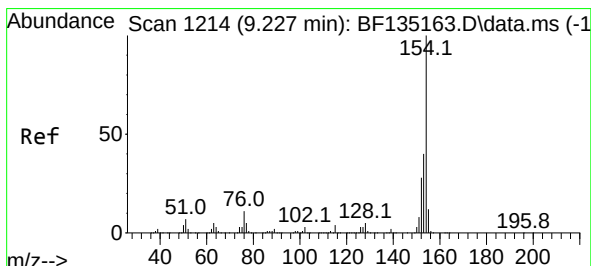
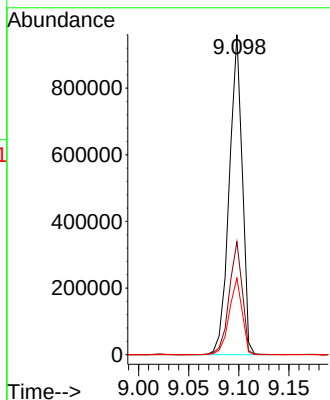
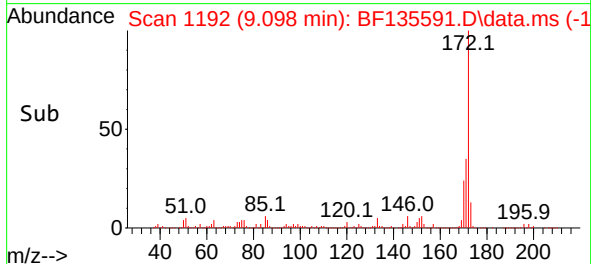
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



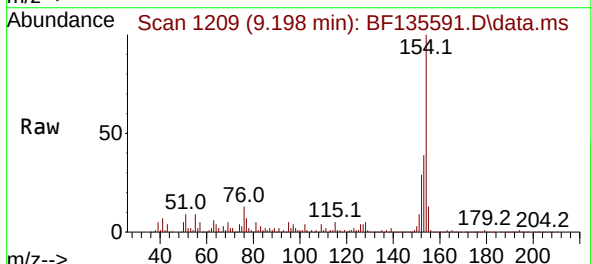
Tgt Ion:172 Resp: 865909
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.0 19.0 28.4

Manual Integrations
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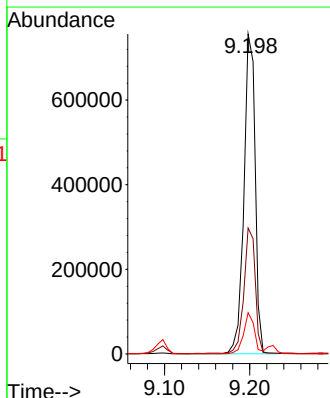
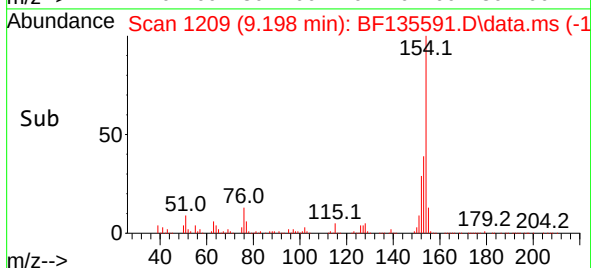
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

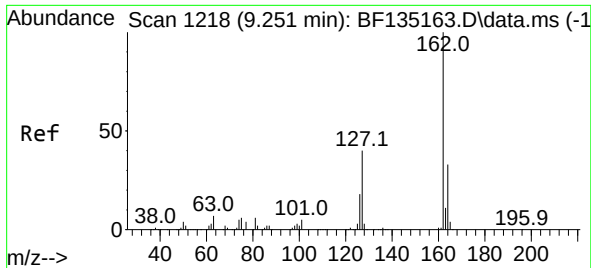


#46
1,1'-Biphenyl
Concen: 55.517 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



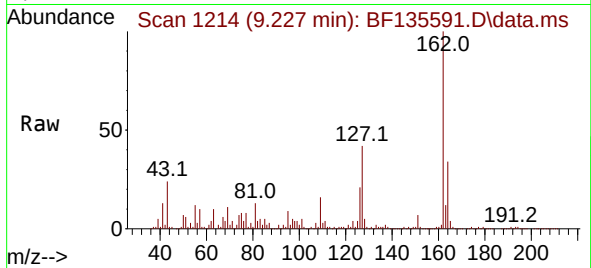
Tgt Ion:154 Resp: 695166
Ion Ratio Lower Upper
154 100
153 39.4 19.6 59.6
76 12.9 0.0 31.0





#47
2-Chloronaphthalene
Concen: 54.513 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

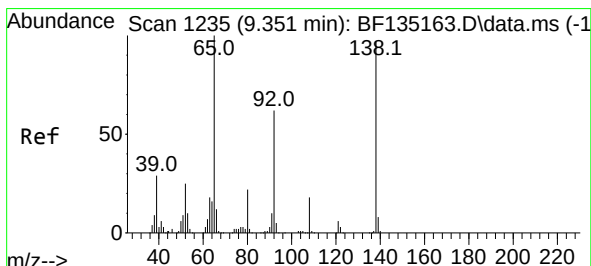
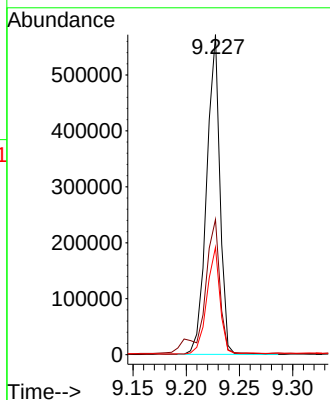
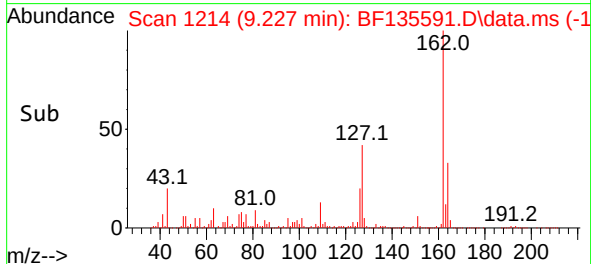
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:162 Resp: 49526
Ion Ratio Lower Upper
162 100
127 42.2 32.6 48.8
164 33.6 26.2 39.2

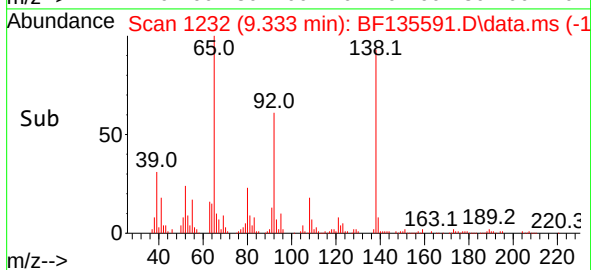
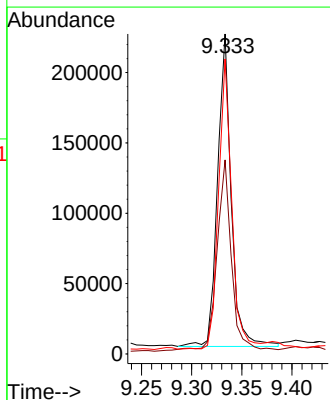
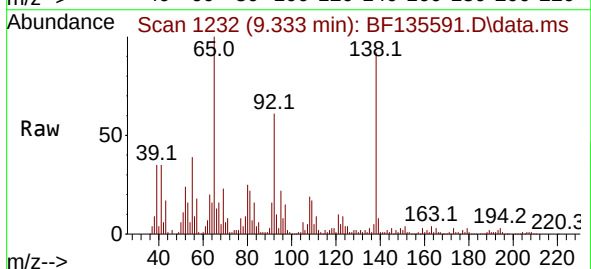
Manual Integrations
APPROVED

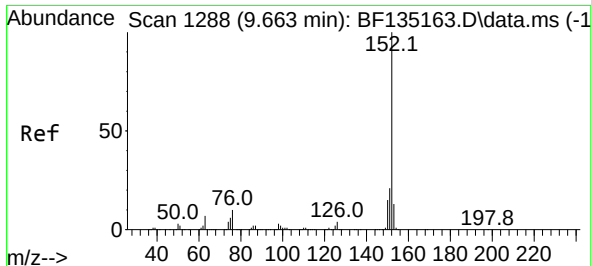
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#48
2-Nitroaniline
Concen: 59.572 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion: 65 Resp: 210262
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 92.2 77.4 116.0





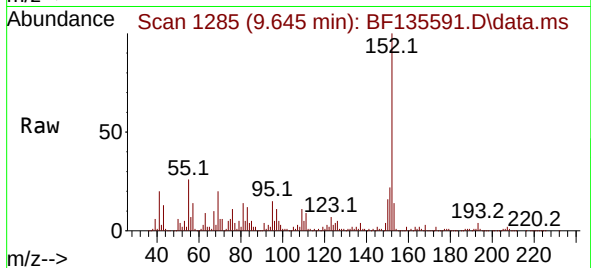
#49
Acenaphthylene
Concen: 49.273 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD



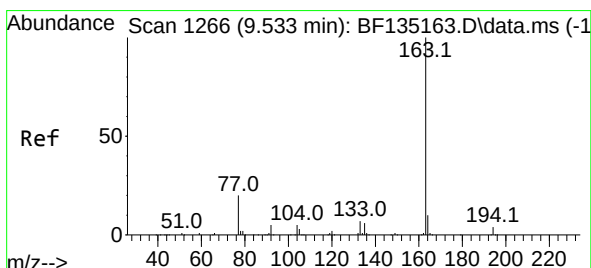
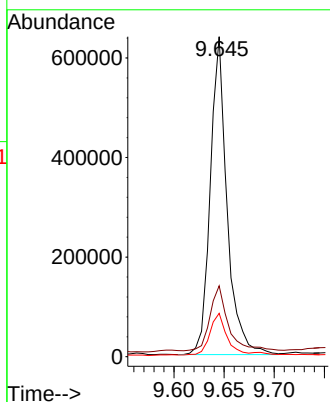
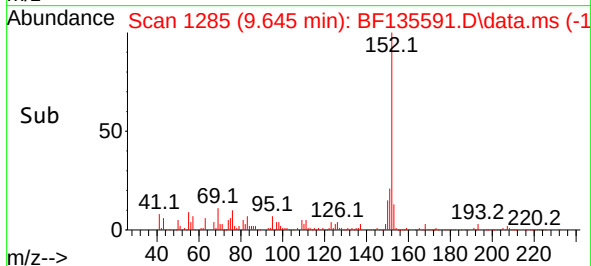
Tgt Ion:152 Resp: 743968
Ion Ratio Lower Upper
152 100
151 22.1 16.4 24.6
153 13.6 10.4 15.6

Manual Integrations

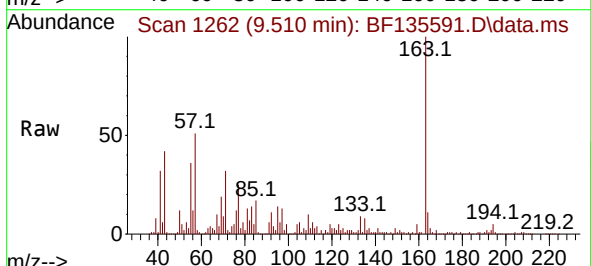
APPROVED

Reviewed By :Yogesh Patel 10/05/2023

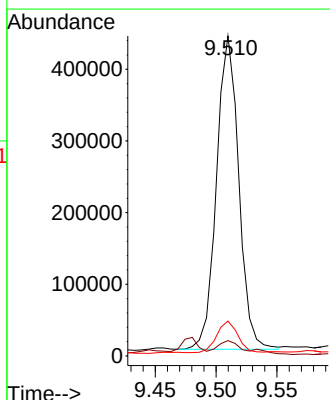
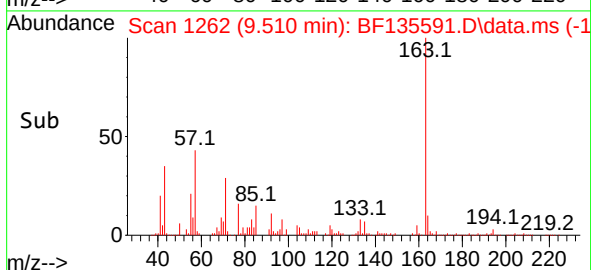
Supervised By :mohammad ahmed 10/06/2023

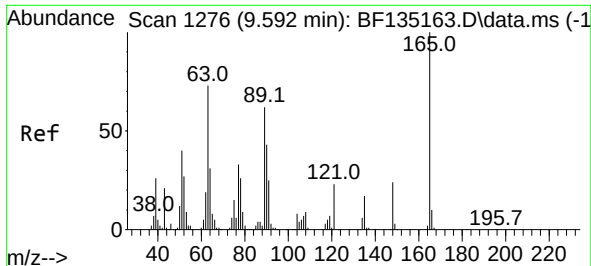


#50
Dimethylphthalate
Concen: 50.442 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion:163 Resp: 555686
Ion Ratio Lower Upper
163 100
194 4.8 3.1 4.7#
164 10.9 8.1 12.1





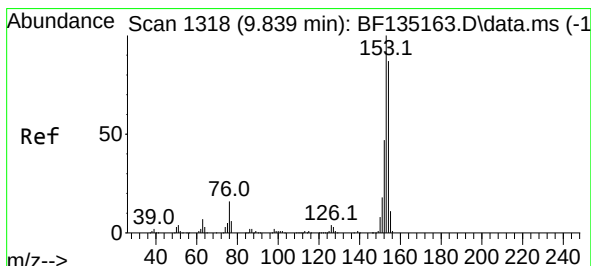
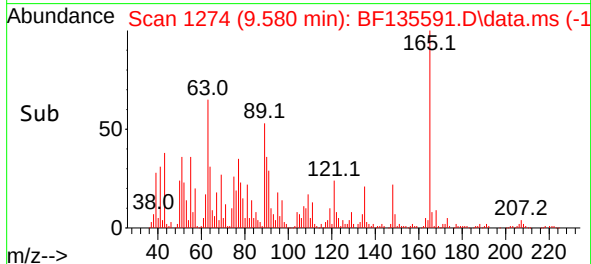
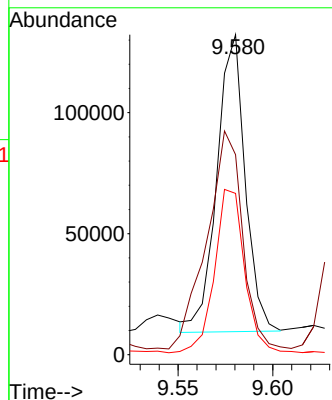
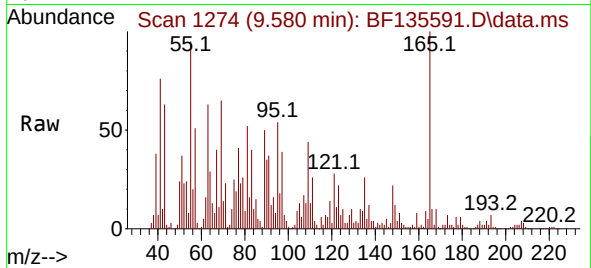
#51
2,6-Dinitrotoluene
Concen: 52.919 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

Tgt Ion:165 Resp: 12771
Ion Ratio Lower Upper
165 100
63 62.5 59.4 89.2
89 50.4 49.8 74.8

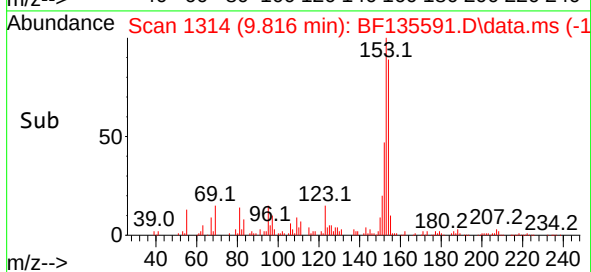
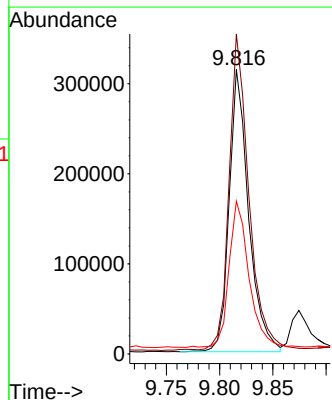
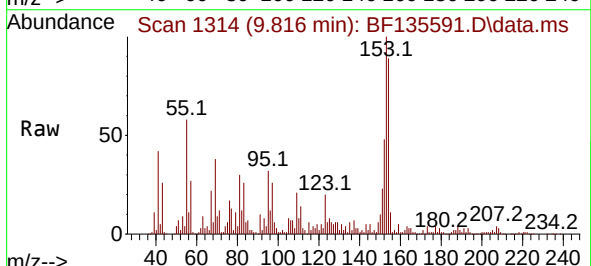
Manual Integrations
APPROVED

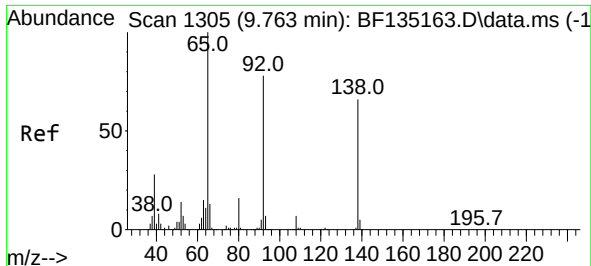
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#52
Acenaphthene
Concen: 44.536 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:154 Resp: 397243
Ion Ratio Lower Upper
154 100
153 112.5 92.1 138.1
152 53.7 43.1 64.7





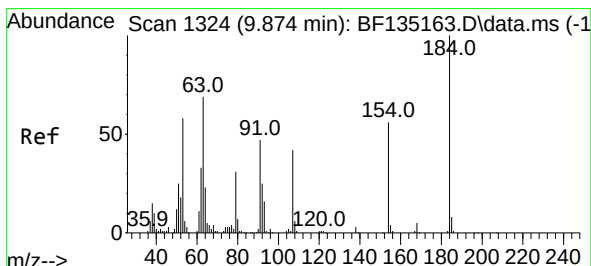
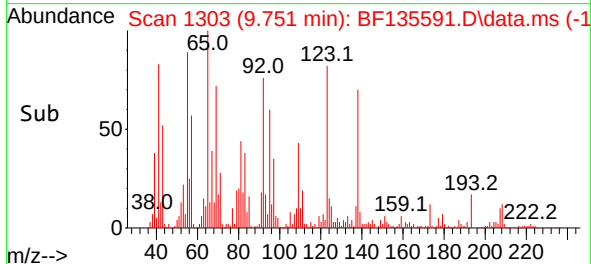
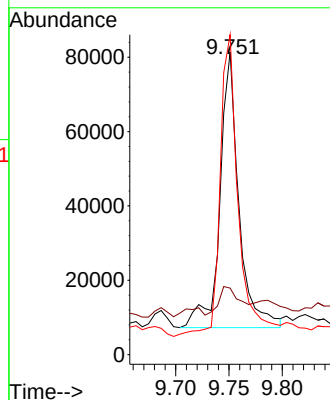
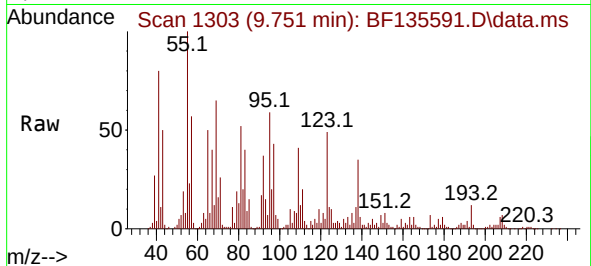
#53
3-Nitroaniline
Concen: 32.417 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

Tgt Ion:138 Resp: 9183
Ion Ratio Lower Upper
138 100
108 22.0 8.5 12.7
92 105.8 95.4 143.0

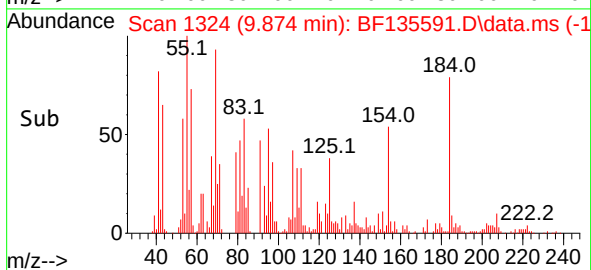
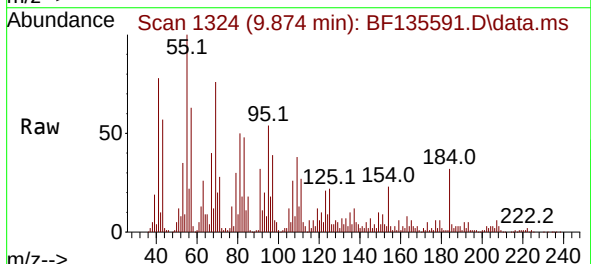
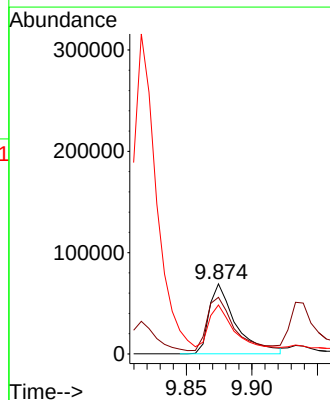
Manual Integrations
APPROVED

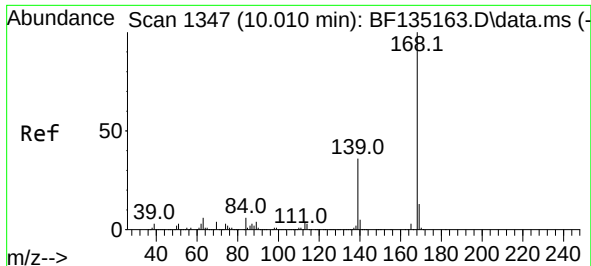
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#54
2,4-Dinitrophenol
Concen: 71.953 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

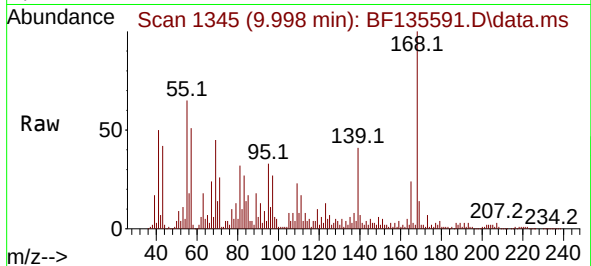
Tgt Ion:184 Resp: 97644
Ion Ratio Lower Upper
184 100
63 80.7 55.1 82.7
154 69.9 48.4 72.6





#55
Dibenzenofuran
Concen: 41.376 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

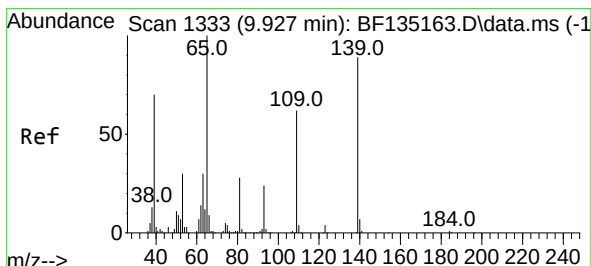
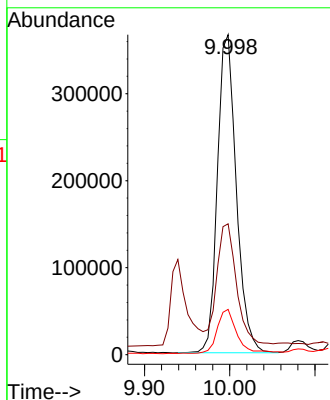
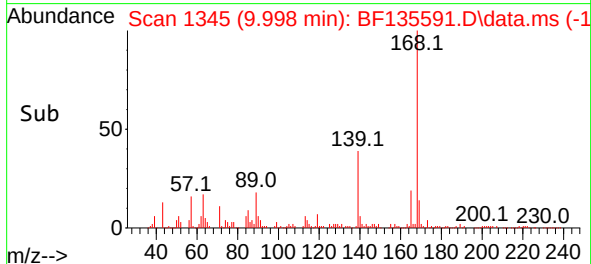
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:168 Resp: 563168
Ion Ratio Lower Upper
168 100
139 40.9 29.0 43.6
169 14.2 10.4 15.6

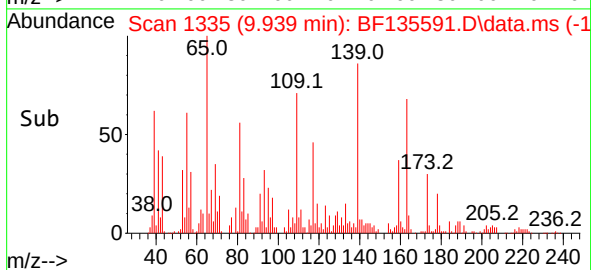
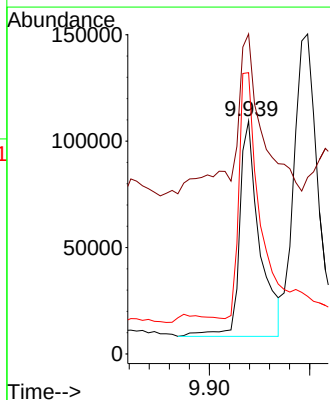
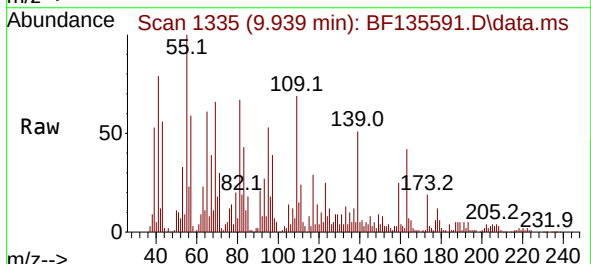
Manual Integrations
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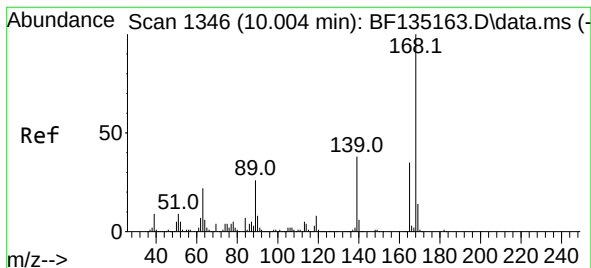
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#56
4-Nitrophenol
Concen: 77.909 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

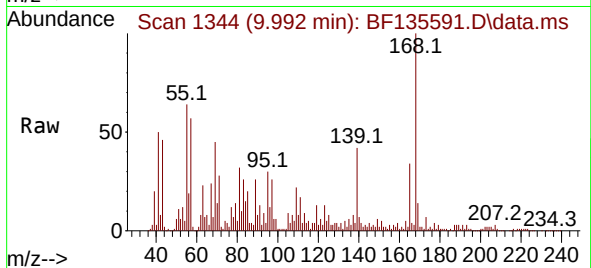
Tgt Ion:139 Resp: 140268
Ion Ratio Lower Upper
139 100
109 137.4 49.8 89.8#
65 120.8 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.718 ng
RT: 9.992 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

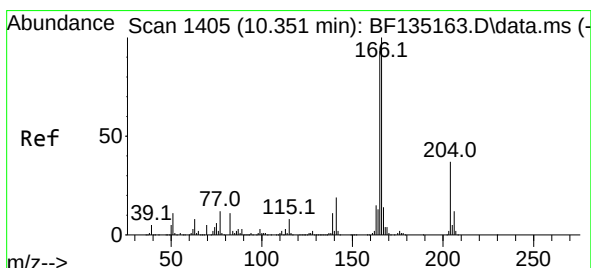
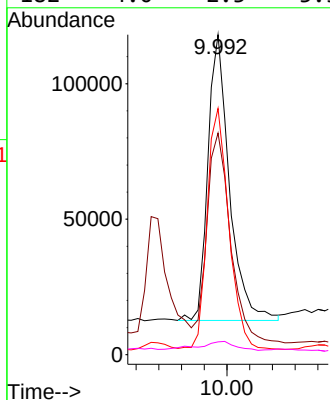
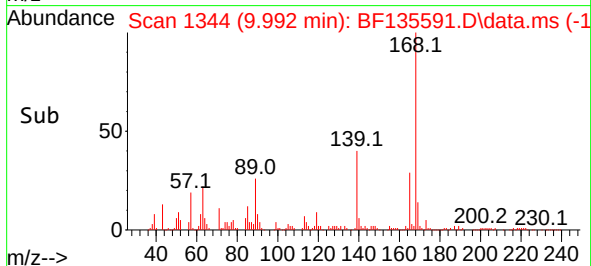
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:165 Resp: 138120
Ion Ratio Lower Upper
165 100
63 69.2 50.1 75.1
89 76.9 59.3 88.9
182 4.0 2.3 3.5#

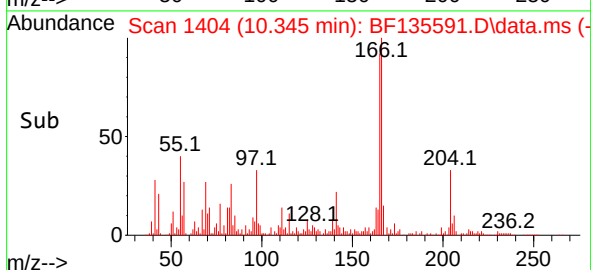
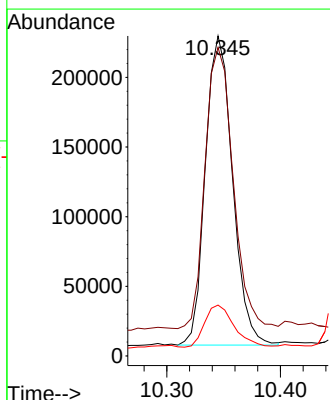
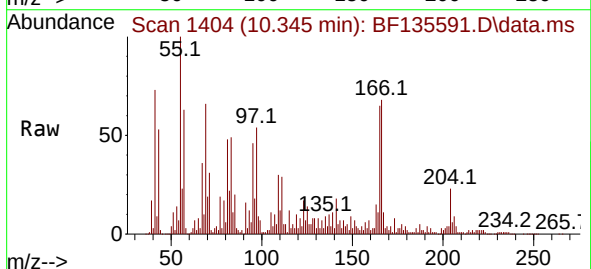
Manual Integrations
APPROVED

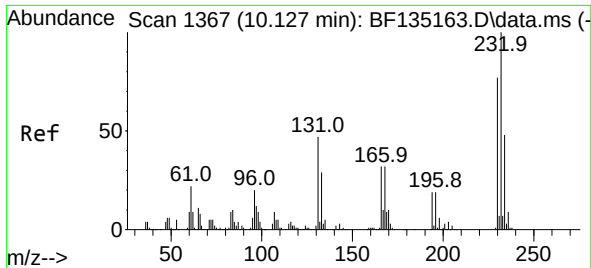
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#58
Fluorene
Concen: 35.311 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

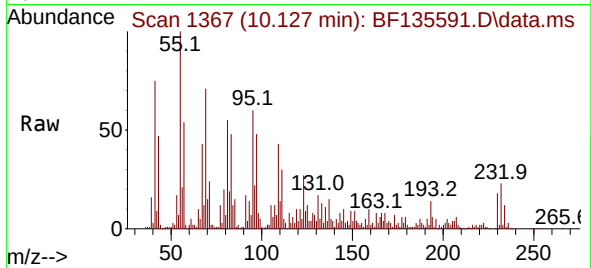
Tgt Ion:166 Resp: 369487
Ion Ratio Lower Upper
166 100
165 96.4 74.3 111.5
167 15.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.010 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

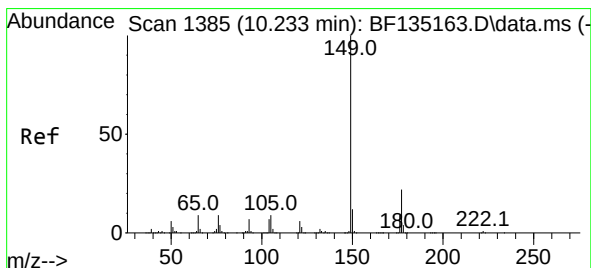
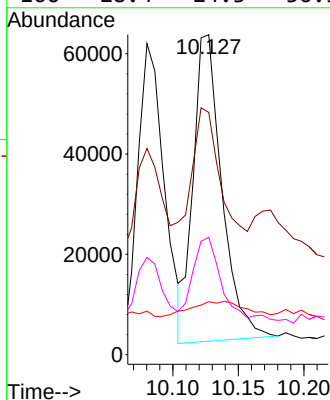
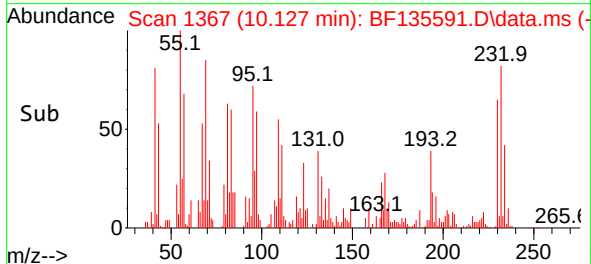
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



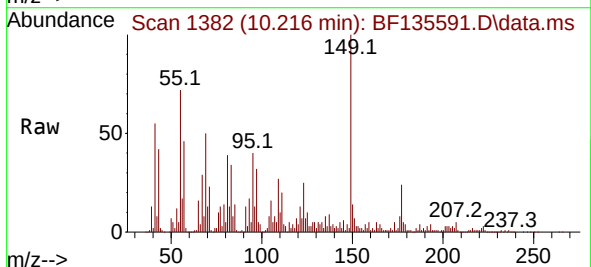
Tgt Ion:232 Resp: 93118
Ion Ratio Lower Upper
232 100
131 52.5 35.4 53.2
130 10.4 1.8 2.8
166 28.4 24.3 36.5

Manual Integrations
APPROVED

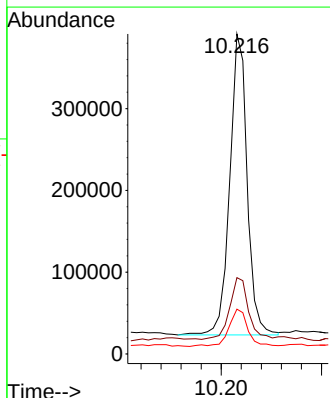
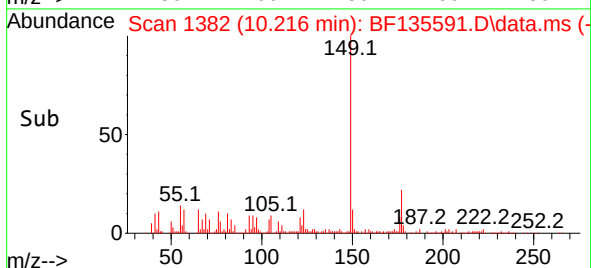
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

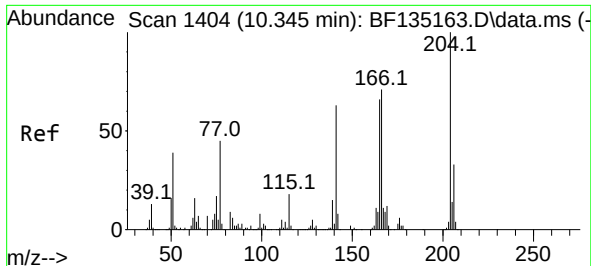


#60
Diethylphthalate
Concen: 40.147 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



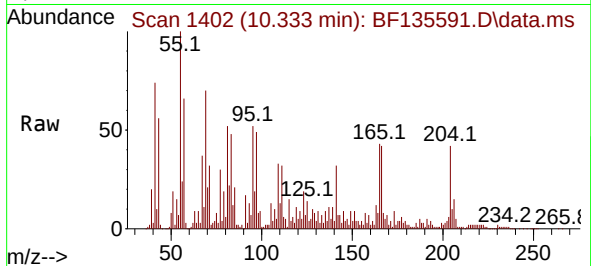
Tgt Ion:149 Resp: 443864
Ion Ratio Lower Upper
149 100
177 23.9 17.8 26.6
150 14.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 35.212 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

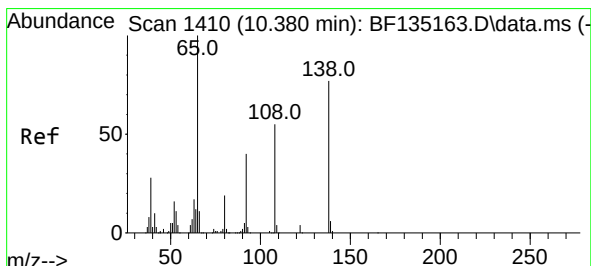
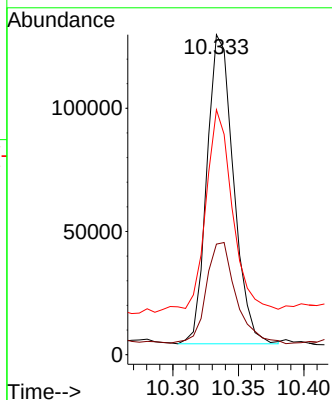
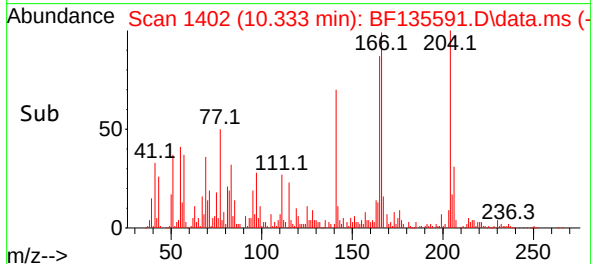
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:204 Resp: 176992
Ion Ratio Lower Upper
204 100
206 34.5 26.7 40.1
141 76.5 50.6 75.8

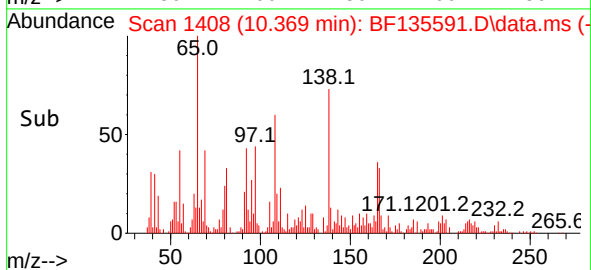
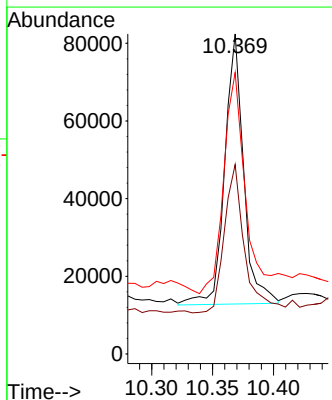
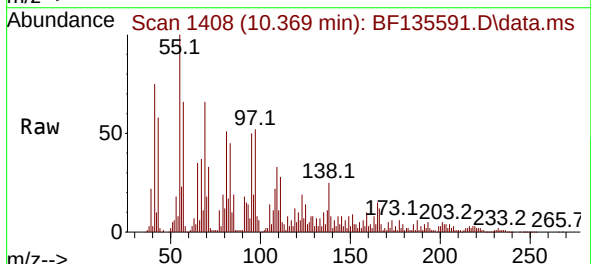
Manual Integrations
APPROVED

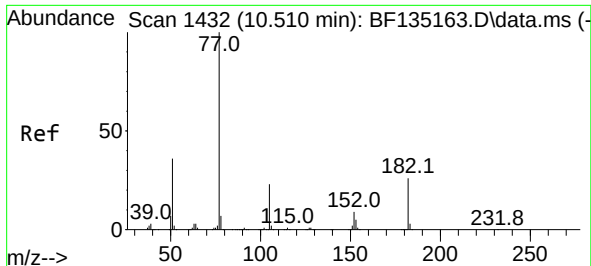
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#62
4-Nitroaniline
Concen: 27.694 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

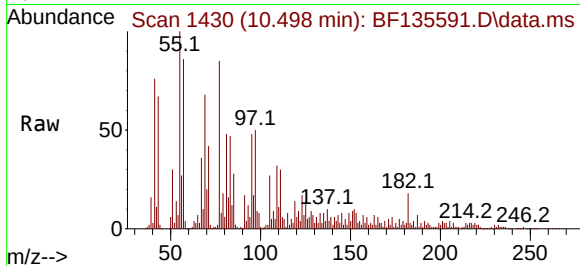
Tgt Ion:138 Resp: 75413
Ion Ratio Lower Upper
138 100
92 59.2 31.8 71.8
108 88.0 52.0 92.0





#63
Azobenzene
Concen: 33.525 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

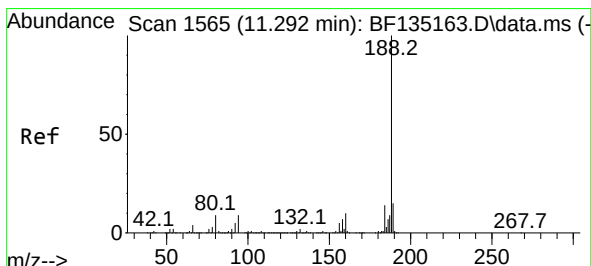
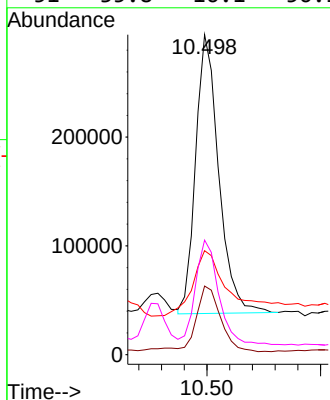
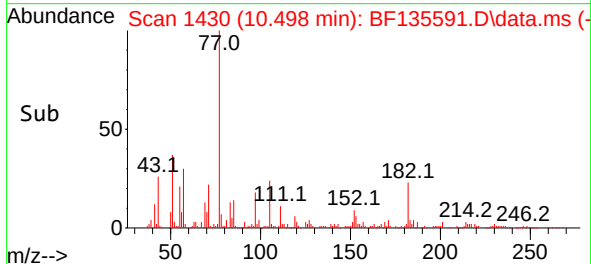
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



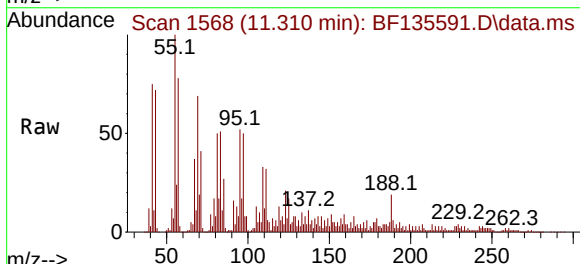
Tgt Ion: 77 Resp: 362748
Ion Ratio Lower Upper
77 100
182 21.4 6.4 46.4
105 32.5 3.1 43.1
51 35.8 16.1 56.1

Manual Integrations
APPROVED

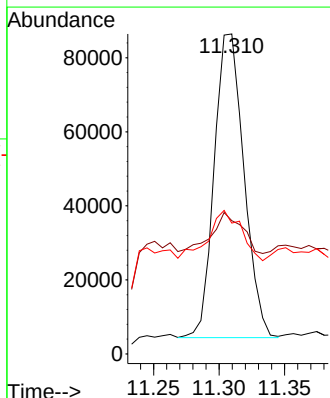
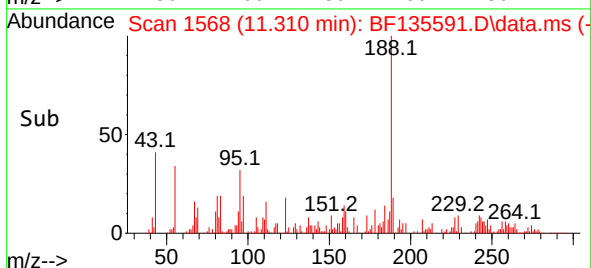
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

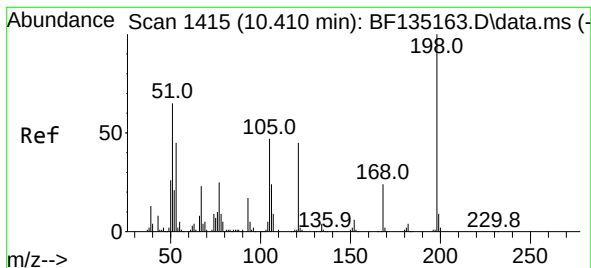


#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.310 min Scan# 1568
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



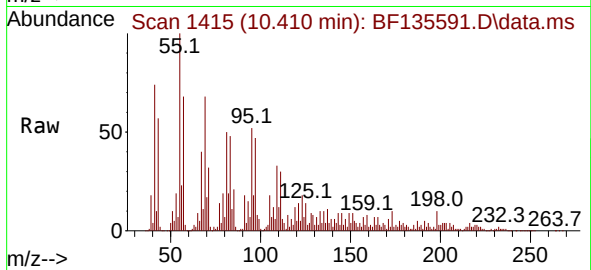
Tgt Ion:188 Resp: 129735
Ion Ratio Lower Upper
188 100
94 41.7 7.0 10.6#
80 40.9 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 68.053 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

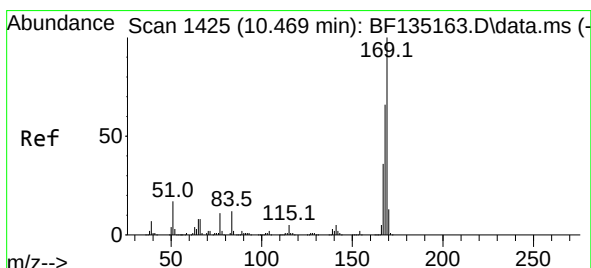
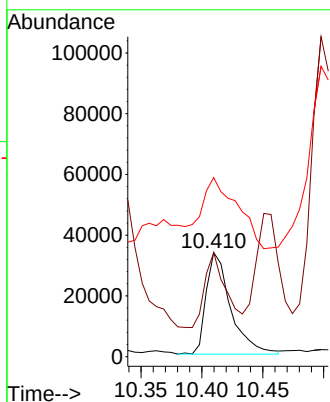
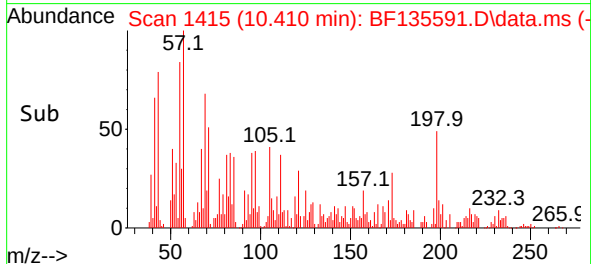
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



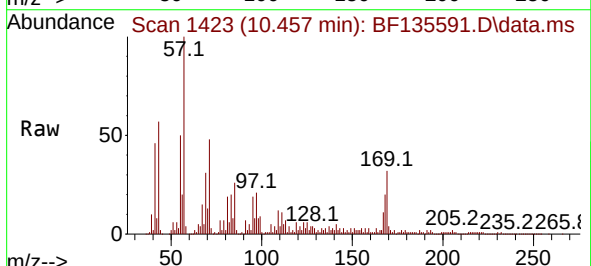
Tgt Ion:198 Resp: 4689
Ion Ratio Lower Upper
198 100
51 100.0 47.7 87.7
105 171.7 27.4 67.4

Manual Integrations
APPROVED

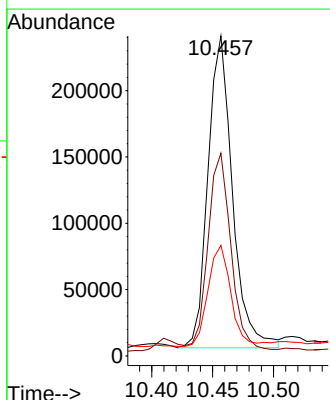
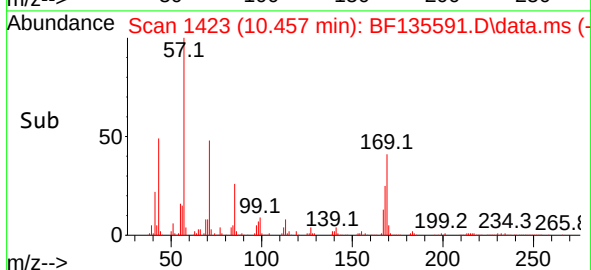
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

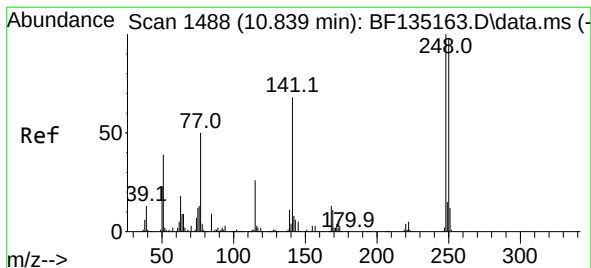


#66
n-Nitrosodiphenylamine
Concen: 84.038 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



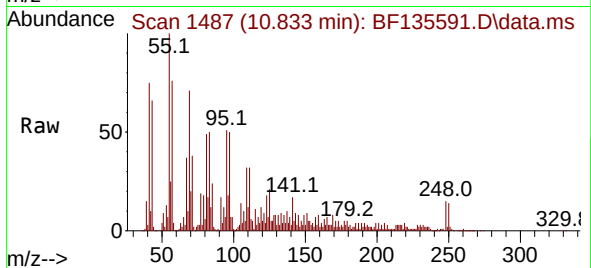
Tgt Ion:169 Resp: 330073
Ion Ratio Lower Upper
169 100
168 63.3 52.8 79.2
167 34.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 63.024 ng
RT: 10.833 min Scan# 1488
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

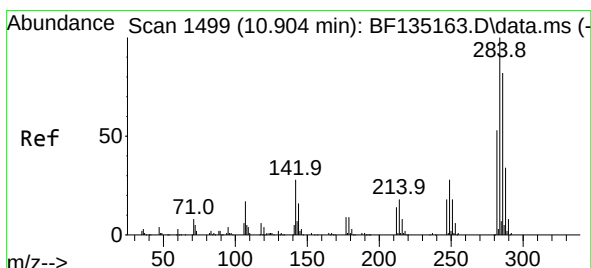
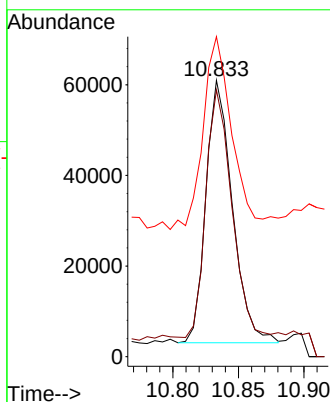
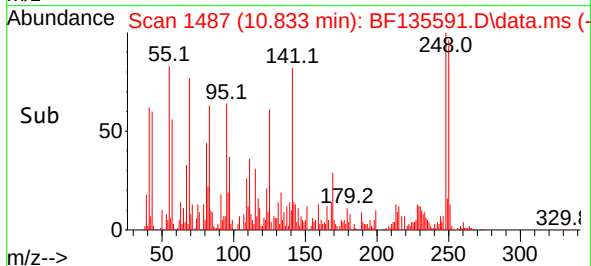
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:248 Resp: 81320
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 115.8 54.2 81.2

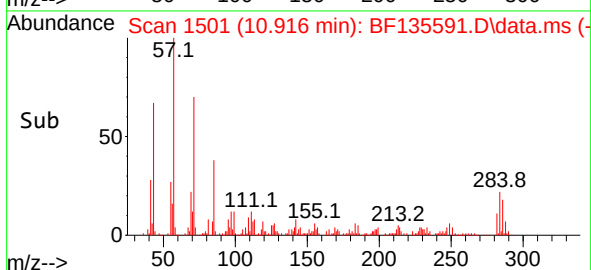
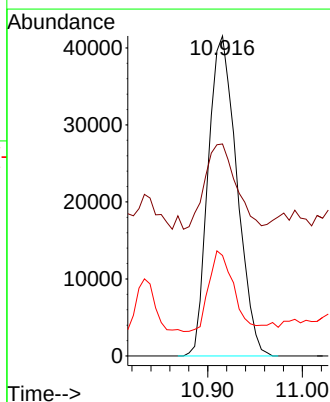
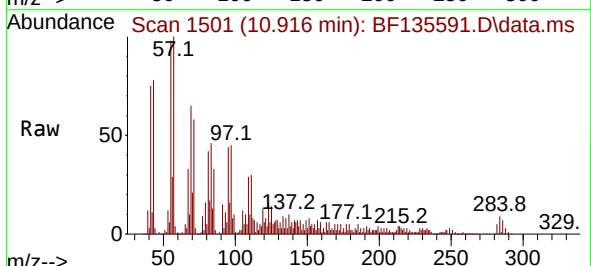
Manual Integrations
APPROVED

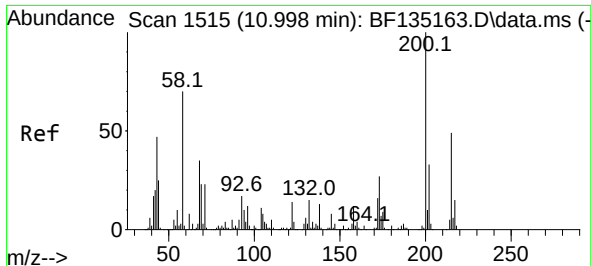
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#68
Hexachlorobenzene
Concen: 66.358 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

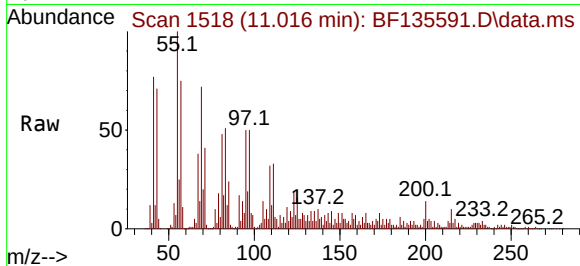
Tgt Ion:284 Resp: 87230
Ion Ratio Lower Upper
284 100
142 66.2 22.2 33.4#
249 31.4 22.5 33.7





#69
Atrazine
Concen: 73.430 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

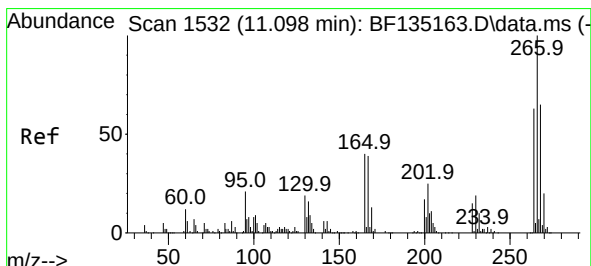
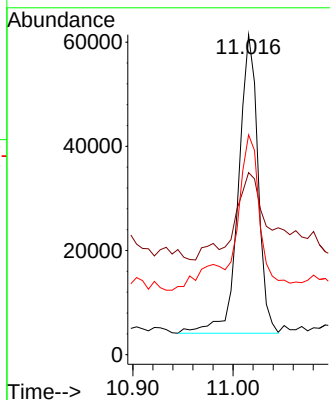
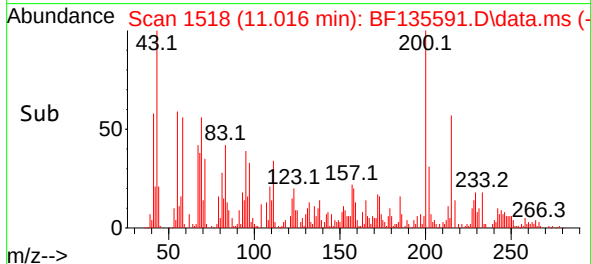
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



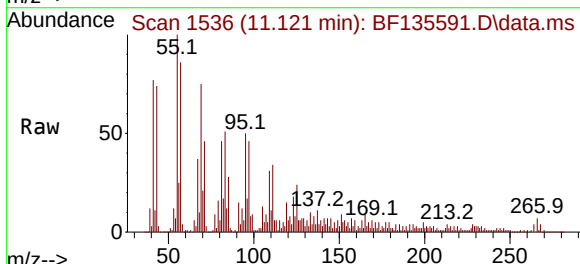
Tgt Ion:200 Resp: 7760
Ion Ratio Lower Upper
200 100
173 56.9 7.4 47.4
215 68.7 28.6 68.6

Manual Integrations
APPROVED

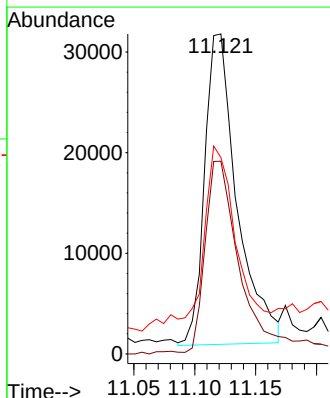
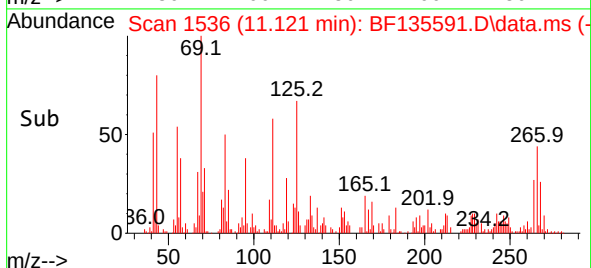
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

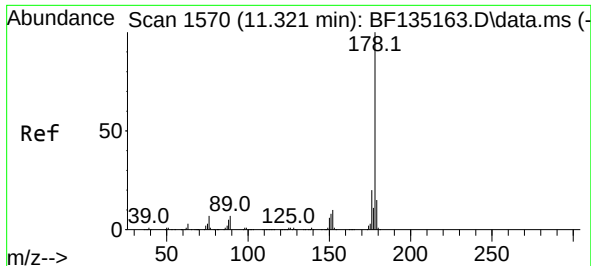


#70
Pentachlorophenol
Concen: 72.578 ng
RT: 11.121 min Scan# 1536
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



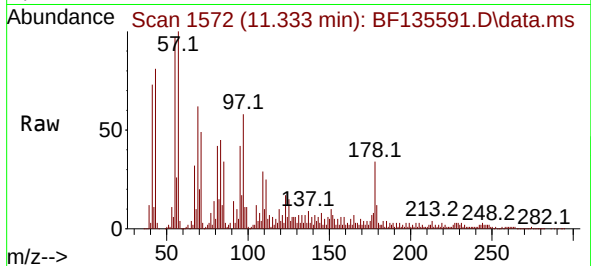
Tgt Ion:266 Resp: 57081
Ion Ratio Lower Upper
266 100
268 60.3 52.1 78.1
264 61.3 50.8 76.2





#71
Phenanthrene
Concen: 46.595 ng m
RT: 11.333 min Scan# 1570
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

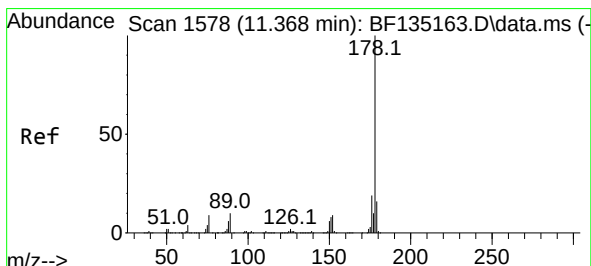
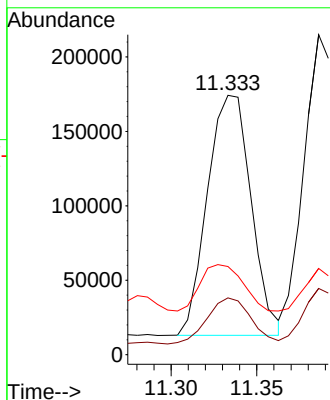
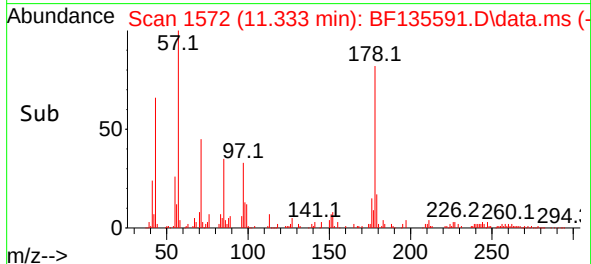
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



Tgt Ion:178 Resp: 285900
Ion Ratio Lower Upper
178 100
176 21.9 15.6 23.4
179 34.0 12.0 18.0

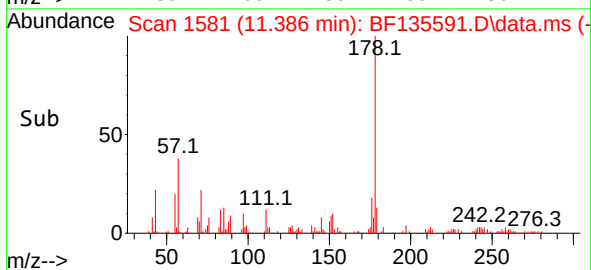
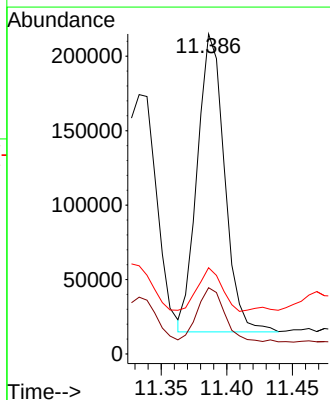
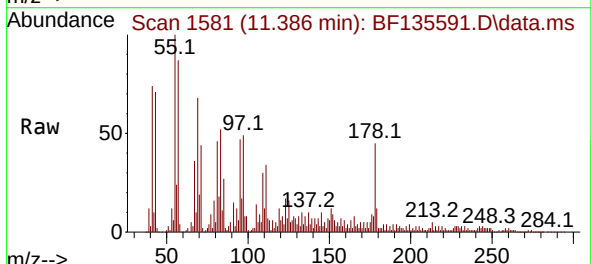
Manual Integrations
APPROVED

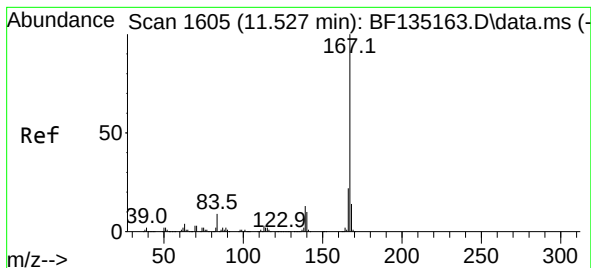
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Anthracene
Concen: 45.999 ng m
RT: 11.386 min Scan# 1581
Delta R.T. 0.041 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:178 Resp: 290117
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 27.0 12.6 19.0





#73

Carbazole

Concen: 44.886 ng

RT: 11.545 min Scan# 1608

Delta R.T. 0.035 min

Lab File: BF135591.D

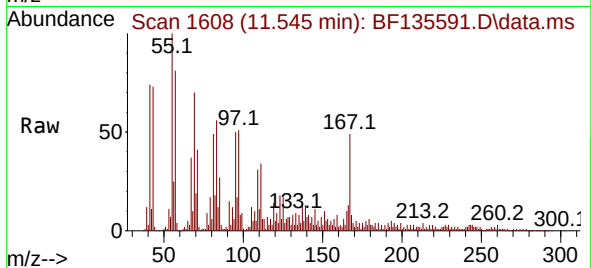
Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD



Tgt Ion:167 Resp: 25771

Ion Ratio Lower Upper

167 100

166 25.7 17.4 26.0

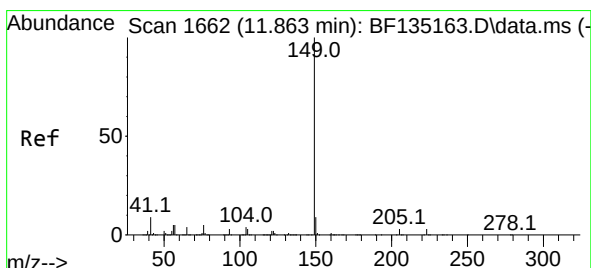
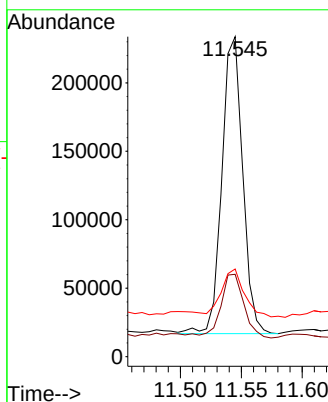
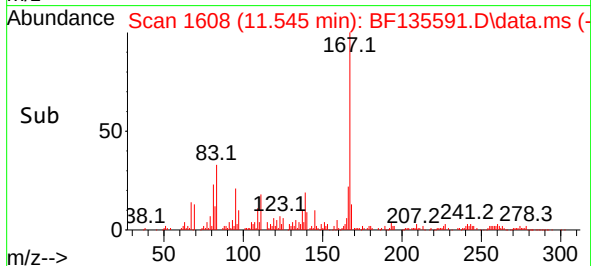
139 27.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#74

Di-n-butylphthalate

Concen: 47.337 ng m

RT: 11.874 min Scan# 1664

Delta R.T. 0.041 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

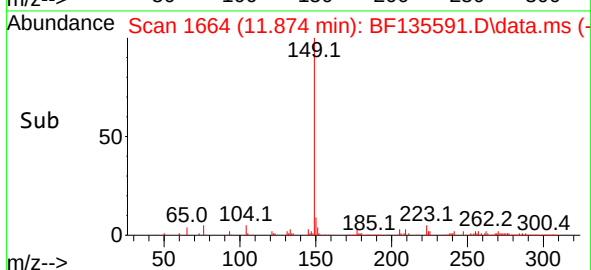
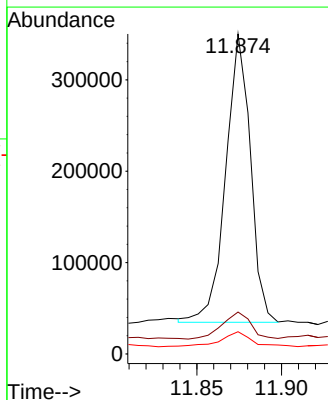
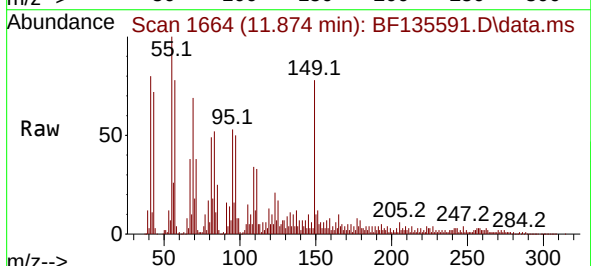
Tgt Ion:149 Resp: 320253

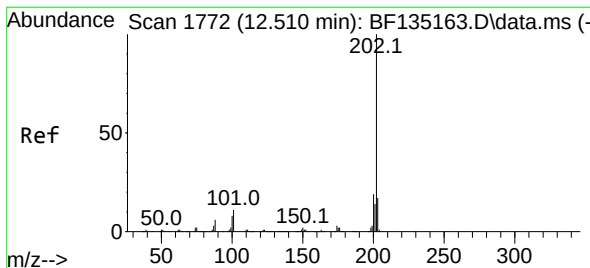
Ion Ratio Lower Upper

149 100

150 13.1 7.4 11.0#

104 6.9 3.6 5.4#





#75

Fluoranthene

Concen: 53.527 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

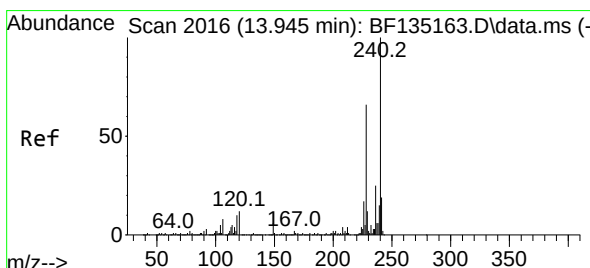
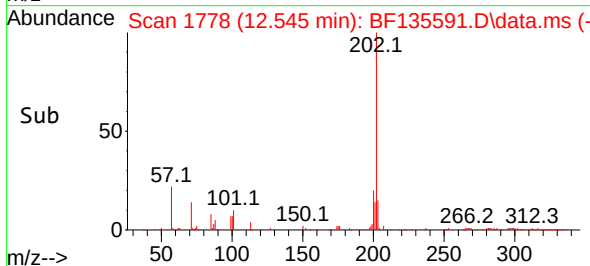
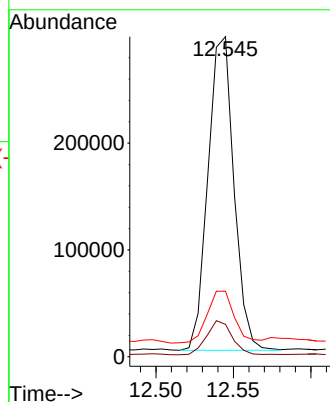
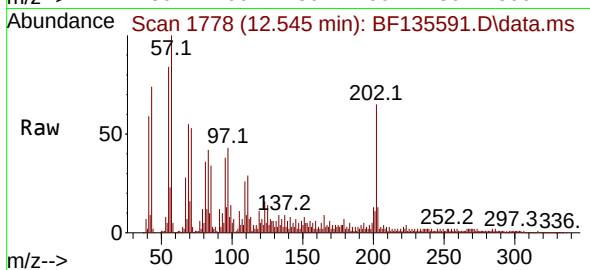
Tgt Ion:	202	Resp:	34222
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.3
203	20.5	0.0	37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#76

Chrysene-d12

Concen: 20.000 ng

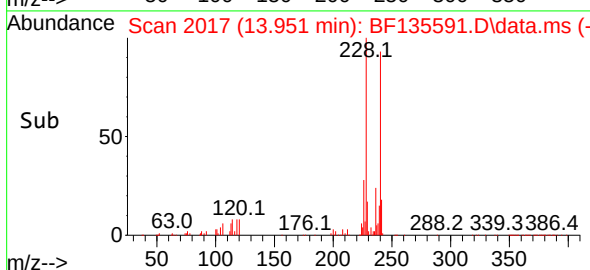
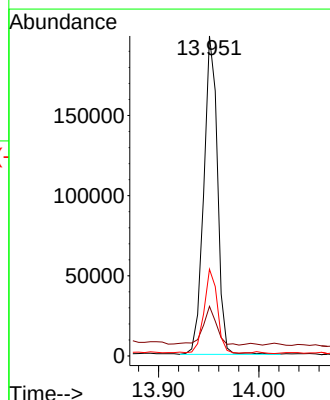
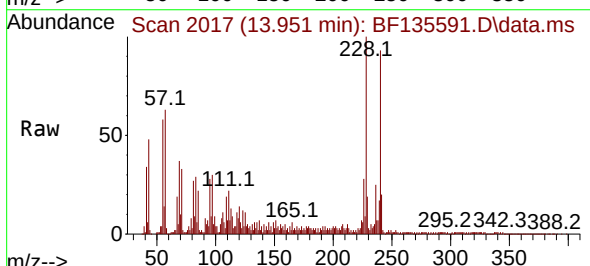
RT: 13.951 min Scan# 2017

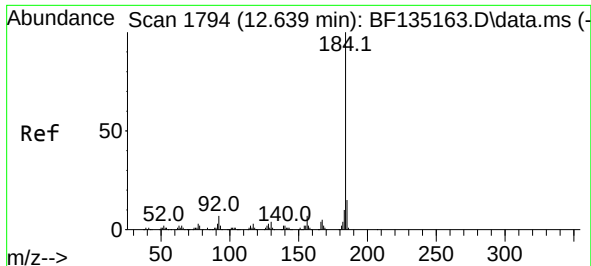
Delta R.T. 0.024 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

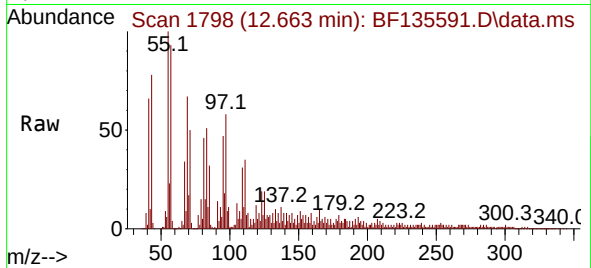
Tgt Ion:	240	Resp:	189529
Ion Ratio	Lower	Upper	
240	100		
120	15.5	9.4	14.2#
236	27.1	19.8	29.8





#77
Benzidine
Concen: 8.159 ng
RT: 12.663 min Scan# 1816
Delta R.T. 0.047 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

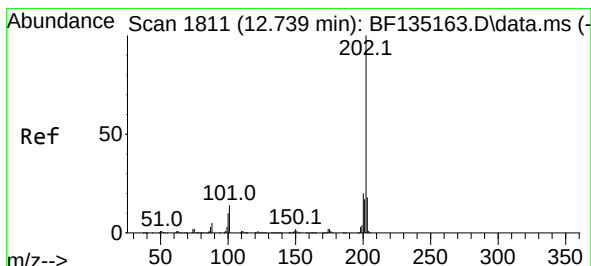
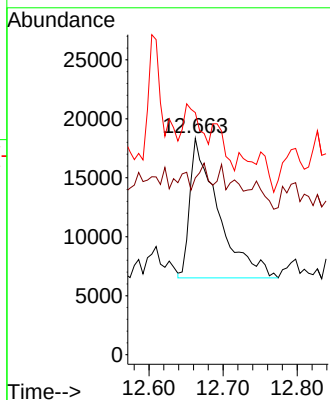
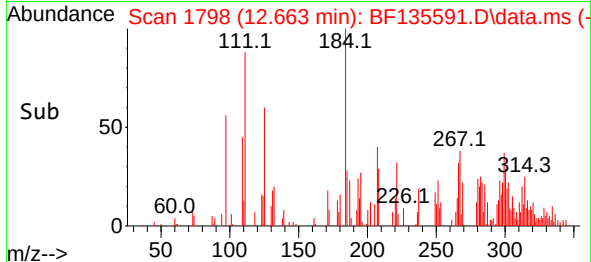
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



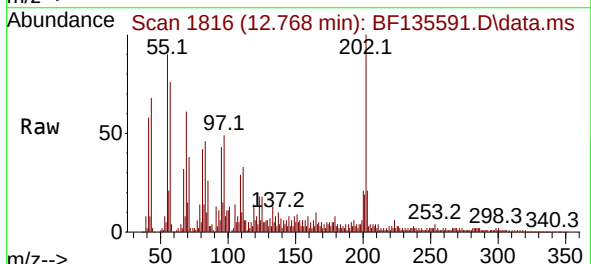
Tgt Ion:184 Resp: 31680
Ion Ratio Lower Upper
184 100
185 81.7 11.7 17.5
183 111.9 8.2 12.4

Manual Integrations
APPROVED

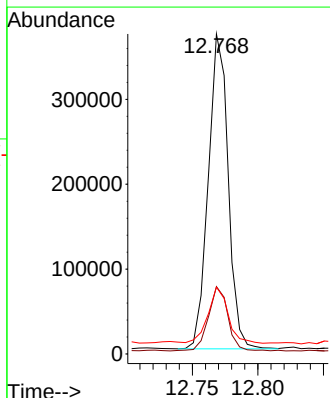
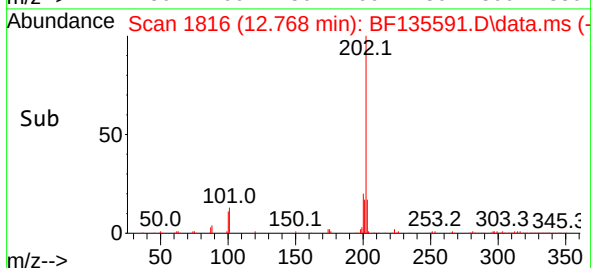
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

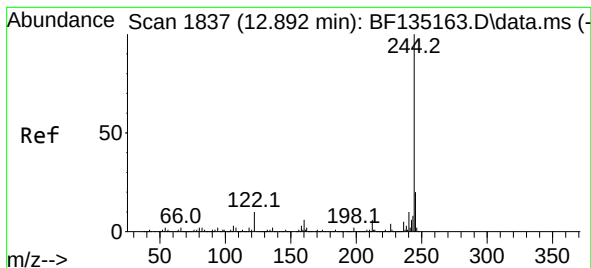


#78
Pyrene
Concen: 21.708 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.053 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion:202 Resp: 391718
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 20.9 14.2 21.4





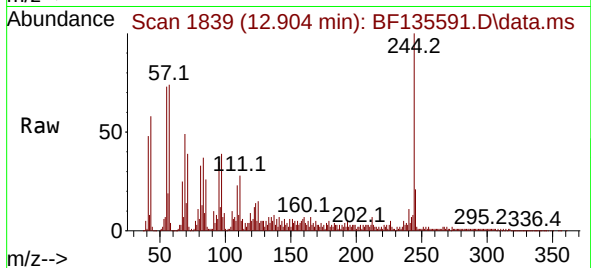
#79
 Terphenyl-d14
 Concen: 34.789 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.041 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

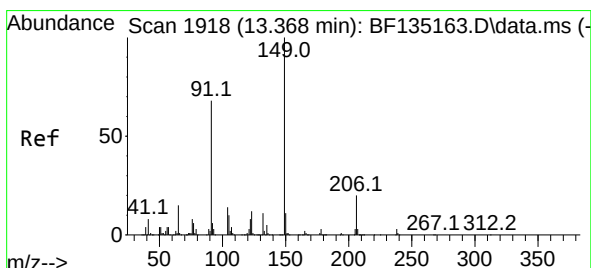
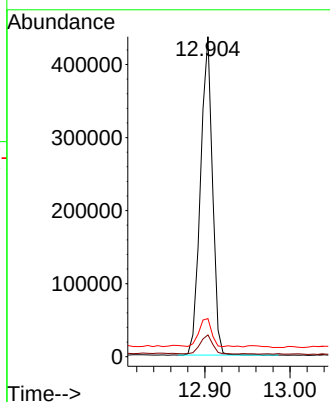
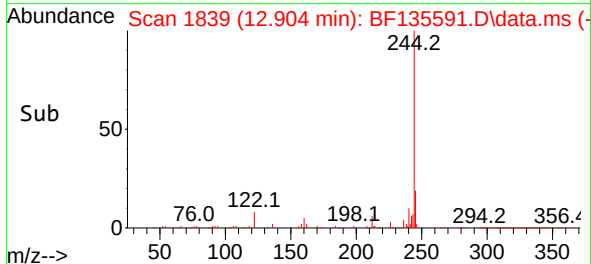


Tgt Ion:244 Resp: 425340
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.9 7.9 11.9

Manual Integrations

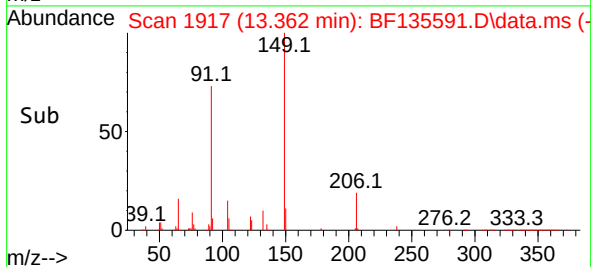
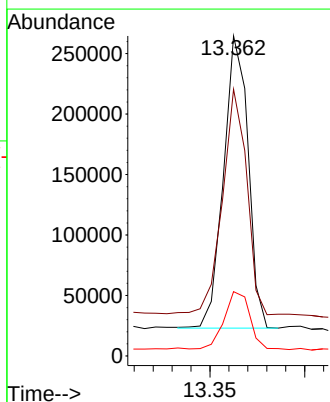
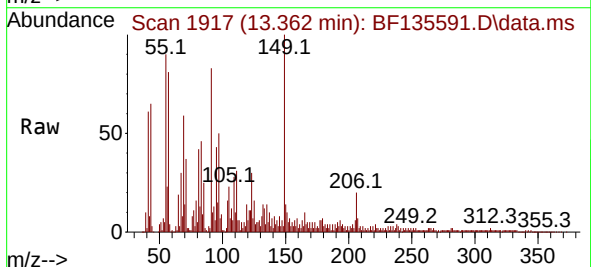
APPROVED

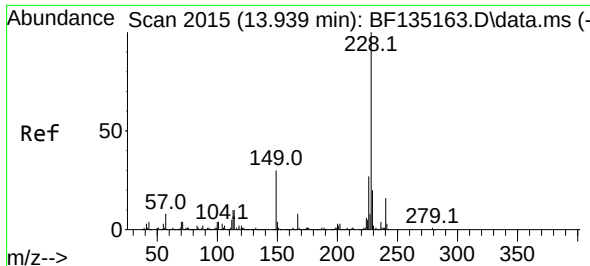
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#80
 Butylbenzylphthalate
 Concen: 34.191 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. 0.023 min
 Lab File: BF135591.D
 Acq: 05 Oct 2023 02:33

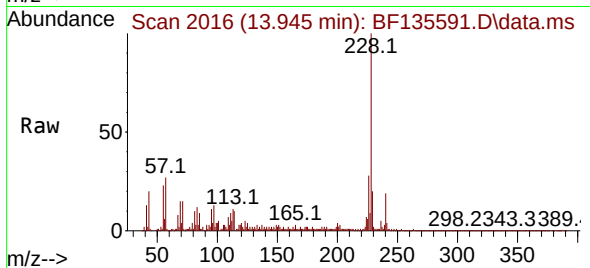
Tgt Ion:149 Resp: 217222
 Ion Ratio Lower Upper
 149 100
 91 83.3 54.7 82.1#
 206 20.1 16.3 24.5





#81
Benzo(a)anthracene
Concen: 46.501 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.029 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

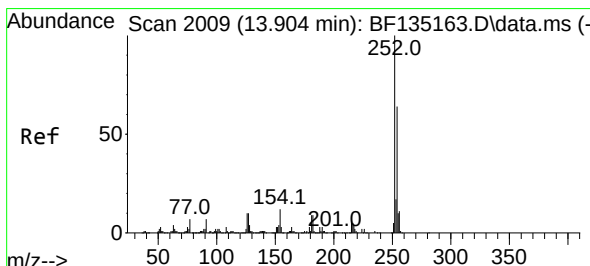
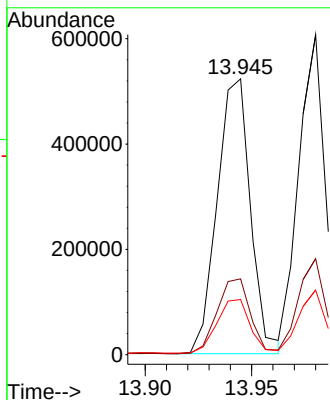
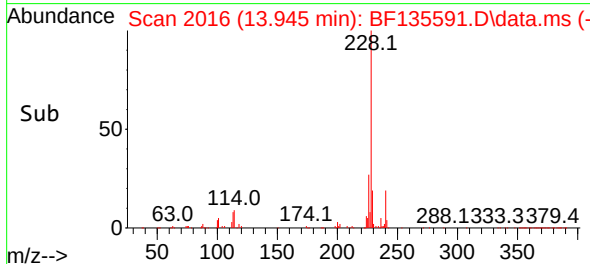
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



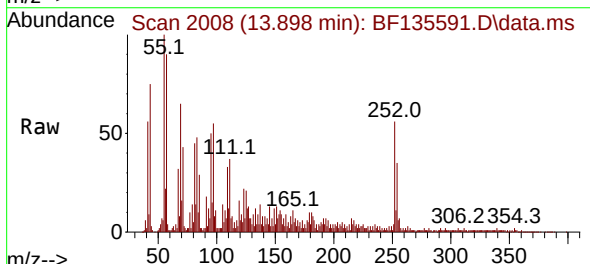
Tgt Ion:228 Resp: 569094
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.8 23.8

Manual Integrations
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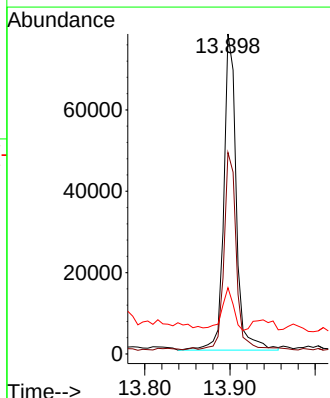
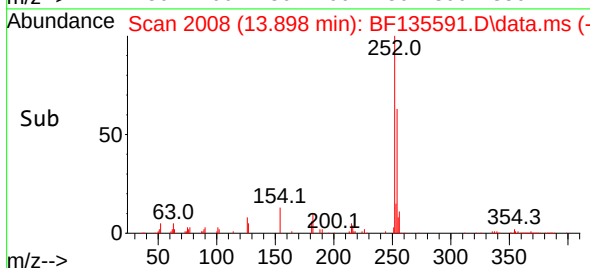
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

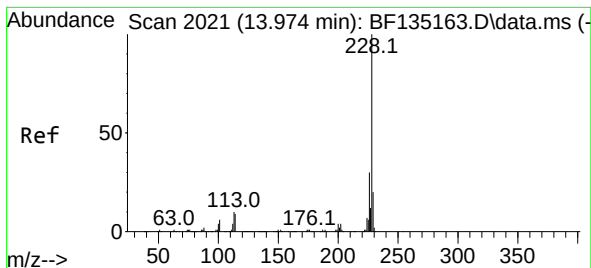


#82
3,3'-Dichlorobenzidine
Concen: 20.682 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion:252 Resp: 79060
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 20.7 7.8 11.8





#83

Chrysene

Concen: 43.582 ng

RT: 13.980 min Scan# 2010

Delta R.T. 0.029 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

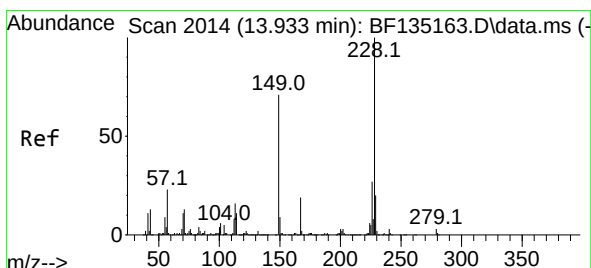
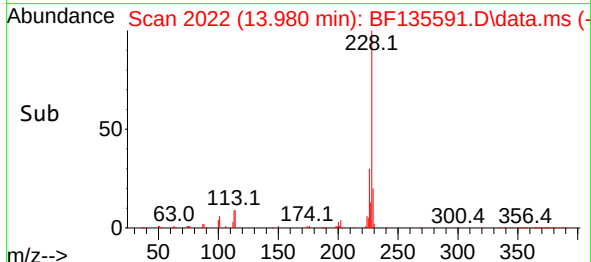
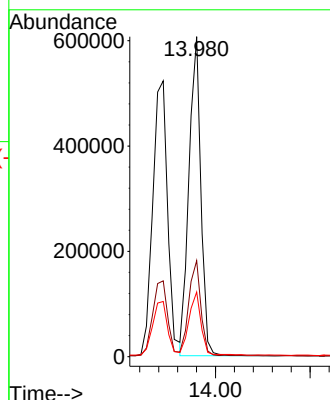
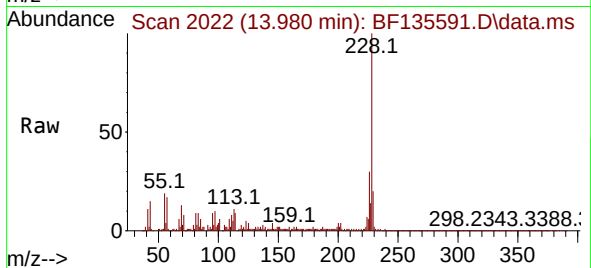
Tgt Ion:228 Resp: 53029
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.388 ng

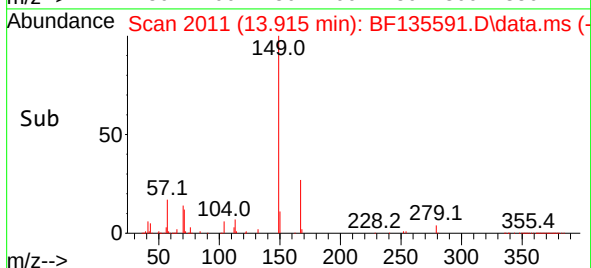
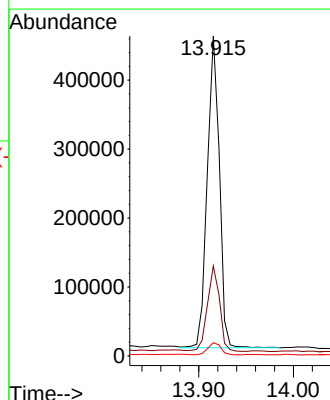
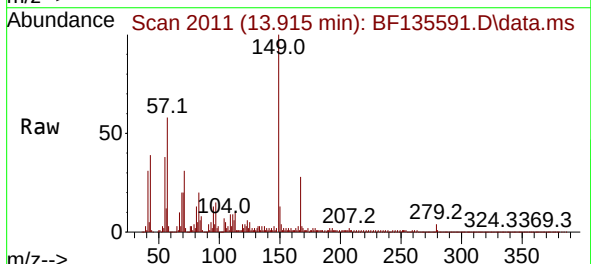
RT: 13.915 min Scan# 2011

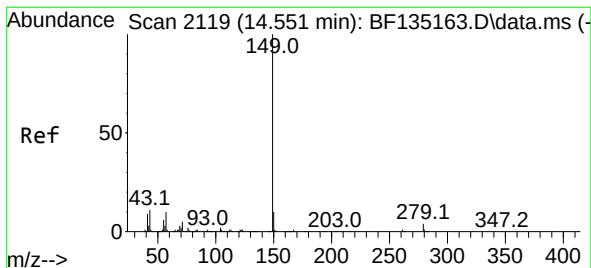
Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Tgt Ion:149 Resp: 400220
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.9 32.9
 279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 74.686 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:149 Resp: 773798

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

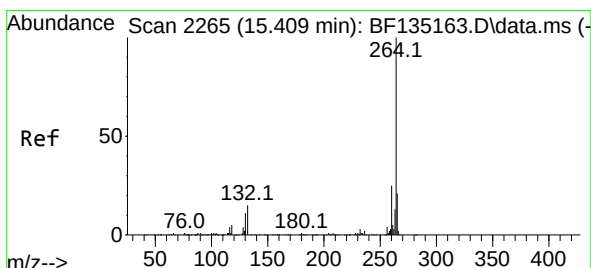
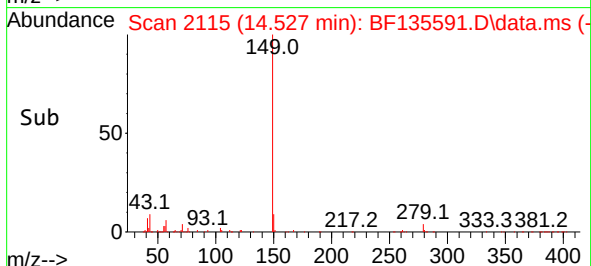
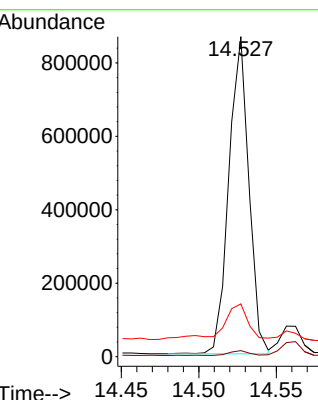
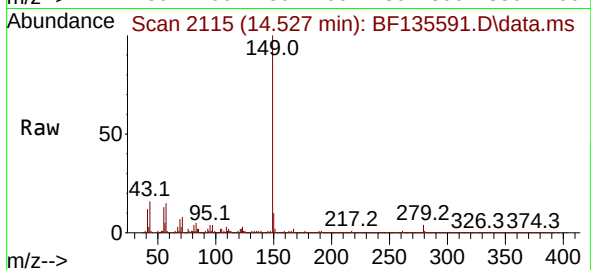
43 14.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

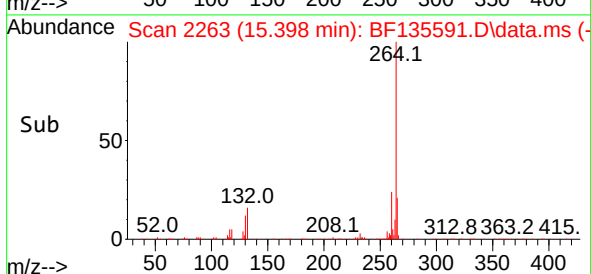
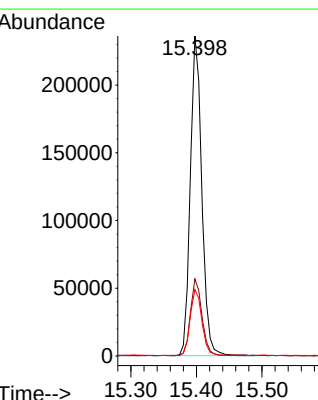
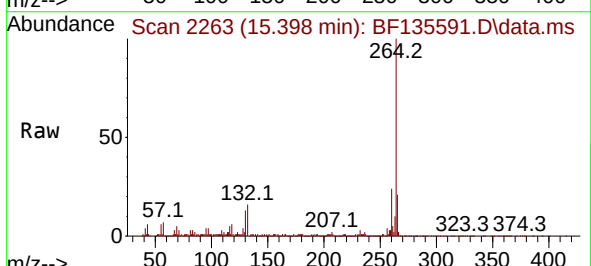
Tgt Ion:264 Resp: 288687

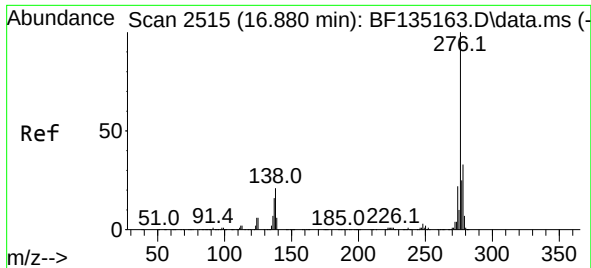
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 20.7 17.0 25.4





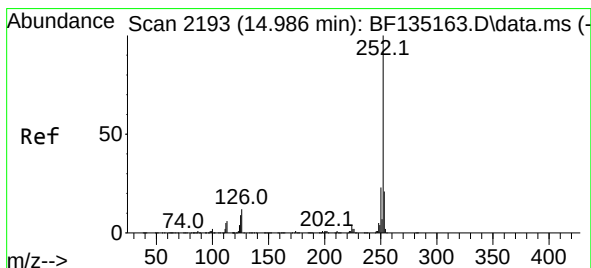
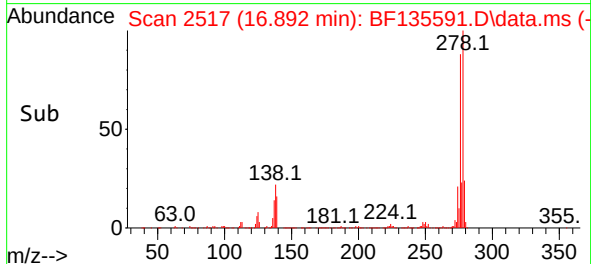
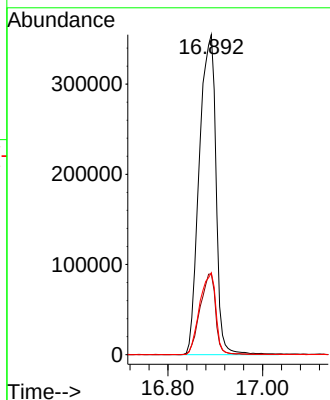
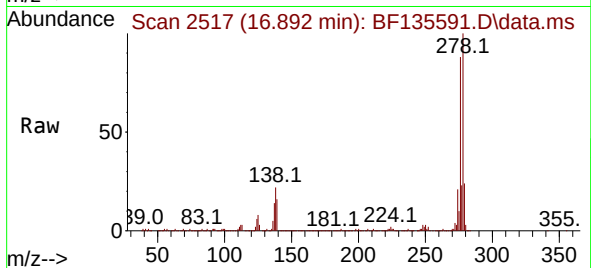
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.766 ng
RT: 16.892 min Scan# 2117
Delta R.T. 0.023 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Instrument :
BNA_F
ClientSampleId :
RBR200027MSD

Tgt Ion:276 Resp: 86626
Ion Ratio Lower Upper
276 100
138 23.4 19.2 28.8
277 25.1 19.7 29.5

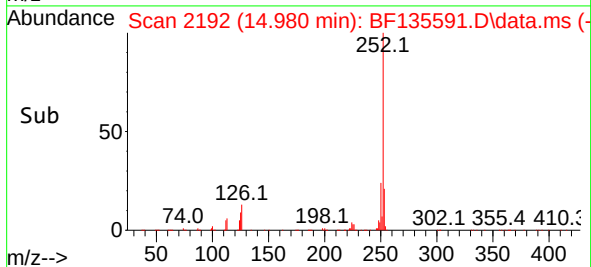
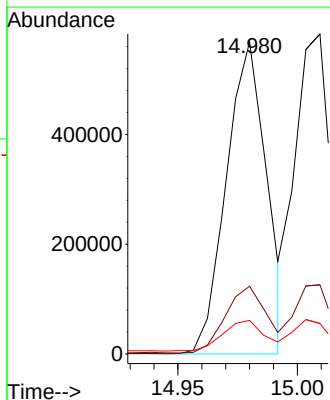
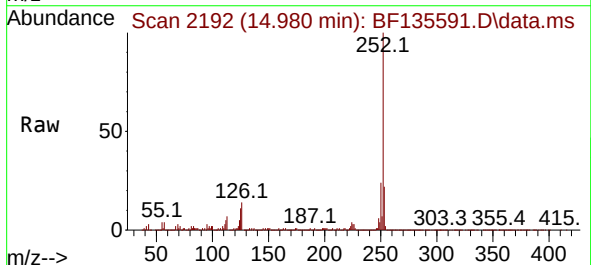
Manual Integrations
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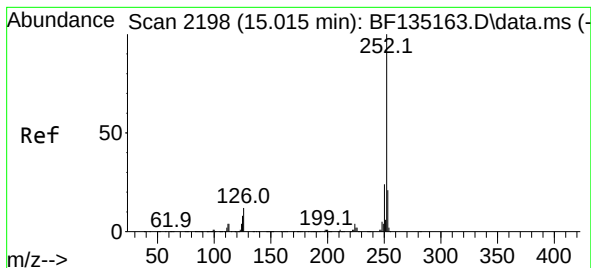
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#88
Benzo(b)fluoranthene
Concen: 42.710 ng m
RT: 14.980 min Scan# 2192
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

Tgt Ion:252 Resp: 667460
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.7 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 40.687 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

Instrument :

BNA_F

ClientSampleId :

RBR200027MSD

Tgt Ion:252 Resp: 628098

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

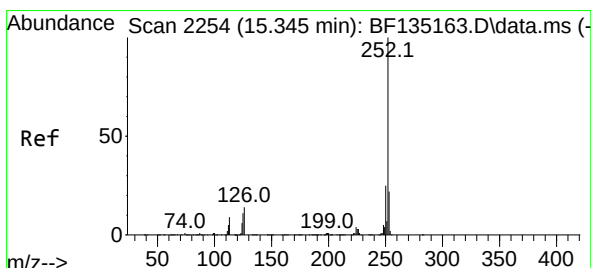
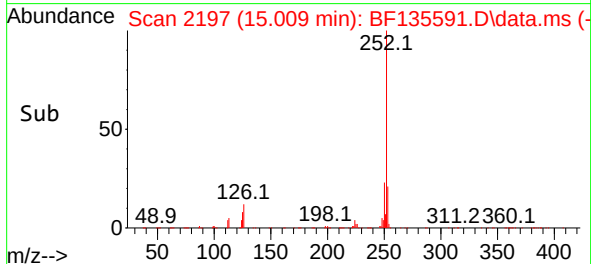
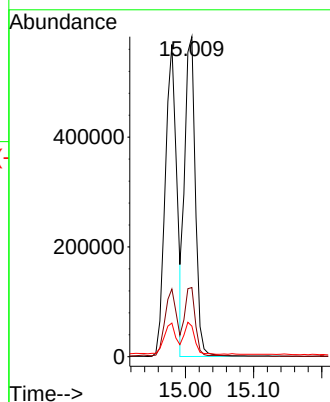
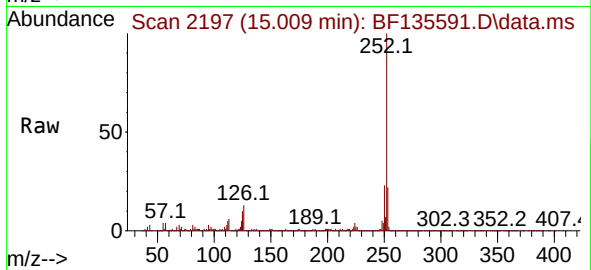
125 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#90

Benzo(a)pyrene

Concen: 41.488 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135591.D

Acq: 05 Oct 2023 02:33

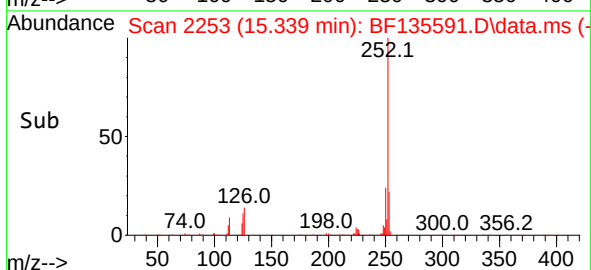
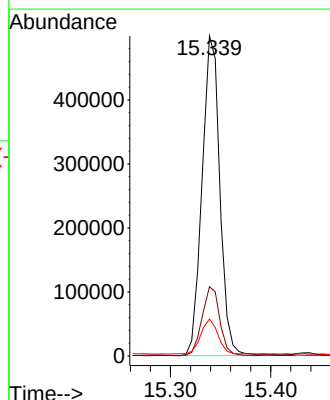
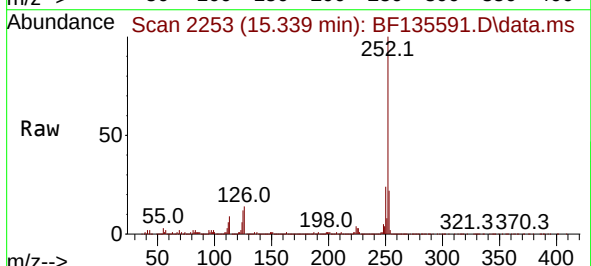
Tgt Ion:252 Resp: 618305

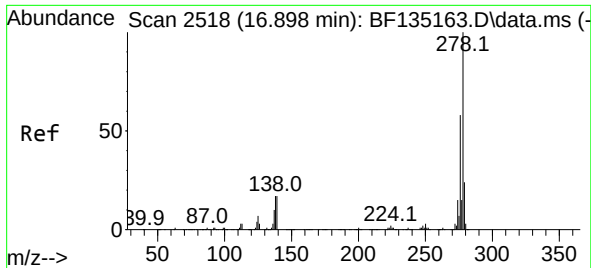
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

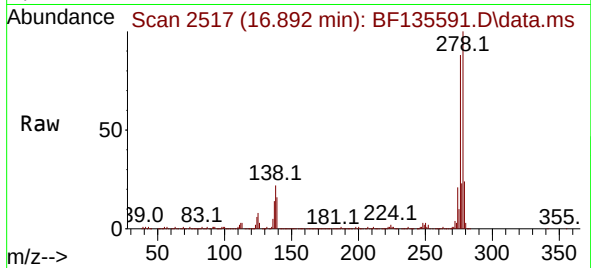
125 11.6 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.427 ng
RT: 16.892 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33

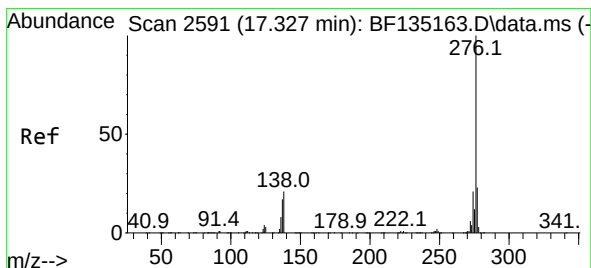
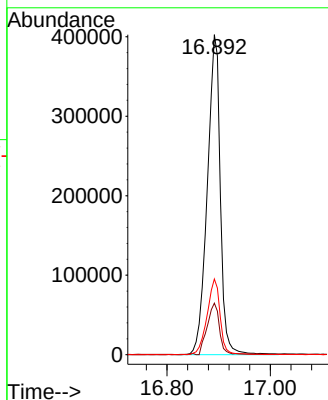
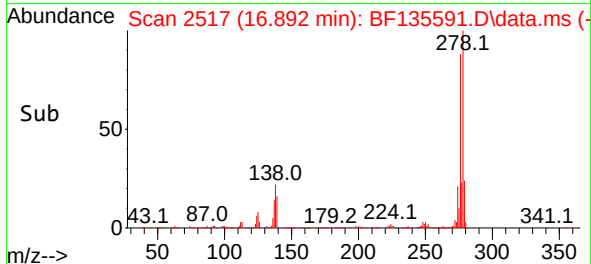
Instrument :
BNA_F
ClientSampleId :
RBR200027MSD



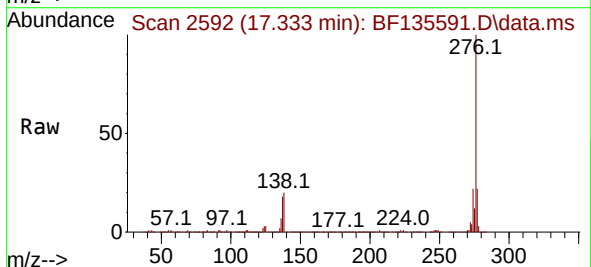
Tgt Ion:278 Resp: 703549
Ion Ratio Lower Upper
278 100
139 16.1 13.4 20.0
279 23.6 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#92
Benzo(g,h,i)perylene
Concen: 45.890 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.018 min
Lab File: BF135591.D
Acq: 05 Oct 2023 02:33



Tgt Ion:276 Resp: 742254
Ion Ratio Lower Upper
276 100
277 22.3 18.8 28.2
138 19.7 16.9 25.3

