

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135572.D
 Acq On : 04 Oct 2023 15:34
 Operator : CG\JU
 Sample : 04627-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 23:12:02 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	6.740	152	126968	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	489716	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	256527	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	493783	20.000	ng	0.00
76) Chrysene-d12	13.927	240	263807	20.000	ng	0.00
86) Perylene-d12	15.386	264	275177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	680047	87.113	ng	0.00
7) Phenol-d6	6.393	99	862952	86.935	ng	0.00
23) Nitrobenzene-d5	7.304	82	540410	59.953	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	203027	79.642	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	988553	58.140	ng	0.00
79) Terphenyl-d14	12.863	244	985197	57.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	163726	47.842	ng	97
3) Pyridine	3.258	79	391455	42.501	ng	95
4) n-Nitrosodimethylamine	3.228	42	245538	50.237	ng	99
6) Aniline	6.410	93	372037	28.581	ng	# 57
8) 2-Chlorophenol	6.528	128	422283	50.673	ng	99
9) Benzaldehyde	6.299	77	90627	16.026	ng	97
10) Phenol	6.404	94	527011	48.418	ng	98
11) bis(2-Chloroethyl)ether	6.481	93	424419	51.982	ng	99
12) 1,3-Dichlorobenzene	6.675	146	404996	47.820	ng	100
13) 1,4-Dichlorobenzene	6.757	146	412458	47.868	ng	98
14) 1,2-Dichlorobenzene	6.904	146	389170	48.635	ng	99
15) Benzyl Alcohol	6.893	79	335348	47.079	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	729720	47.416	ng	76
17) 2-Methylphenol	7.004	107	332134	45.164	ng	95
18) Hexachloroethane	7.240	117	153744	48.290	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	274902	44.711	ng	95
20) 3+4-Methylphenols	7.163	107	422210	47.746	ng	# 67
22) Acetophenone	7.151	105	542985	48.497	ng	92
24) Nitrobenzene	7.322	77	449580	50.462	ng	98
25) Isophorone	7.563	82	806725	48.740	ng	99
26) 2-Nitrophenol	7.640	139	225974	52.847	ng	100
27) 2,4-Dimethylphenol	7.681	122	306769	42.682	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	505513	51.027	ng	99
29) 2,4-Dichlorophenol	7.887	162	340826	51.176	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	342706	49.231	ng	96
31) Naphthalene	8.040	128	1143412	48.055	ng	100
32) Benzoic acid	7.834	122	255078	47.131	ng	98
33) 4-Chloroaniline	8.110	127	118269	11.329	ng	98
34) Hexachlorobutadiene	8.151	225	192090	45.764	ng	100
35) Caprolactam	8.475	113	105873m	47.367	ng	
36) 4-Chloro-3-methylphenol	8.598	107	370829	50.099	ng	96
37) 2-Methylnaphthalene	8.734	142	745712	46.624	ng	99
38) 1-Methylnaphthalene	8.828	142	714895	47.741	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	349846	47.074	ng	99
41) Hexachlorocyclopentadiene	8.881	237	147881	48.375	ng	100
43) 2,4,6-Trichlorophenol	9.016	196	237182	48.744	ng	100

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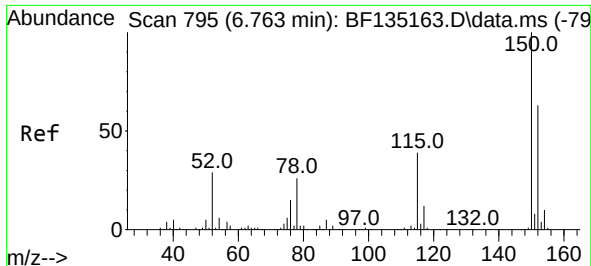
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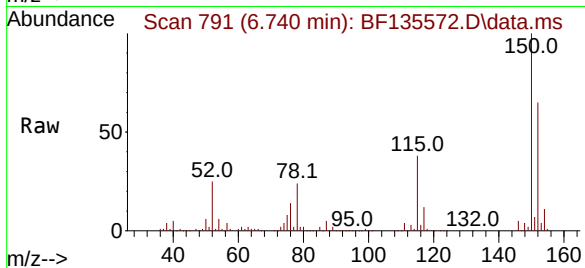
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	251175	44.824	ng	99
46) 1,1'-Biphenyl	9.198	154	948229	48.100	ng	98
47) 2-Chloronaphthalene	9.222	162	703397	49.177	ng	99
48) 2-Nitroaniline	9.334	65	282880	50.907	ng	98
49) Acenaphthylene	9.639	152	1143103	48.088	ng	99
50) Dimethylphthalate	9.504	163	840729	48.474	ng	99
51) 2,6-Dinitrotoluene	9.575	165	192576	50.685	ng	92
52) Acenaphthene	9.810	154	672768	47.908	ng	98
53) 3-Nitroaniline	9.745	138	148341	33.261	ng	98
54) 2,4-Dinitrophenol	9.863	184	183590	84.717	ng	92
55) Dibenzofuran	9.981	168	955871	44.606	ng	98
56) 4-Nitrophenol	9.934	139	221143	78.018	ng	94
57) 2,4-Dinitrotoluene	9.986	165	220323	46.320	ng	88
58) Fluorene	10.328	166	784412	47.616	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	202596	47.000	ng	100
60) Diethylphthalate	10.204	149	844143	48.497	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	367717	46.467	ng	97
62) 4-Nitroaniline	10.369	138	190575	44.453	ng	97
63) Azobenzene	10.481	77	842036	49.429	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	125887	48.000	ng	96
66) n-Nitrosodiphenylamine	10.445	169	703866	47.084	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	231419	47.122	ng	96
68) Hexachlorobenzene	10.875	284	246312	49.231	ng	# 88
69) Atrazine	10.981	200	209788	52.155	ng	98
70) Pentachlorophenol	11.081	266	203376	67.941	ng	97
71) Phenanthrene	11.292	178	1127795	48.292	ng	99
72) Anthracene	11.345	178	1128122	46.995	ng	100
73) Carbazole	11.510	167	1031129	47.186	ng	99
74) Di-n-butylphthalate	11.833	149	1328872	51.607	ng	100
75) Fluoranthene	12.486	202	1185870	48.732	ng	98
77) Benzidine	12.628	184	102365	18.940	ng	99
78) Pyrene	12.722	202	1192807	47.491	ng	99
80) Butylbenzylphthalate	13.339	149	478019	54.056	ng	96
81) Benzo(a)anthracene	13.916	228	820116	48.144	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	237350	44.607	ng	# 99
83) Chrysene	13.951	228	796690	47.040	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	615071	67.780	ng	98
85) Di-n-octyl phthalate	14.522	149	925888	64.203	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	809945	44.891	ng	97
88) Benzo(b)fluoranthene	14.963	252	743739	49.928	ng	# 97
89) Benzo(k)fluoranthene	14.992	252	639825	43.481	ng	# 98
90) Benzo(a)pyrene	15.327	252	648026	45.618	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	659562	44.678	ng	99
92) Benzo(g,h,i)perylene	17.315	276	684231	44.380	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

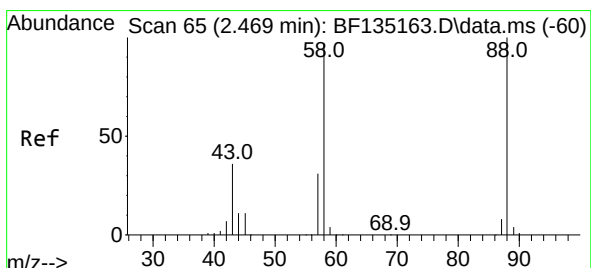
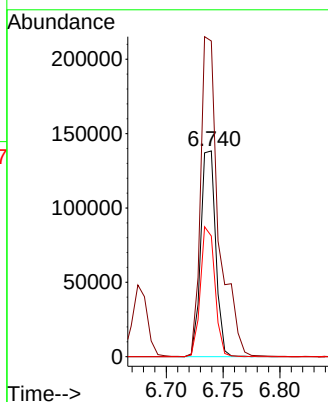
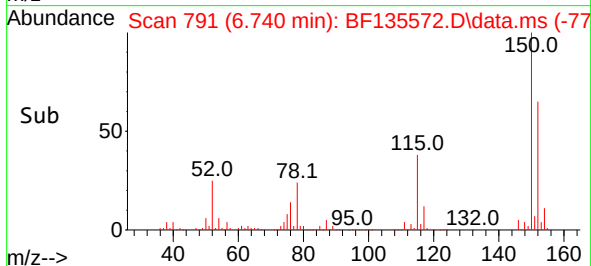
Instrument :
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ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:152 Resp: 126968
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 58.7 49.8 74.8

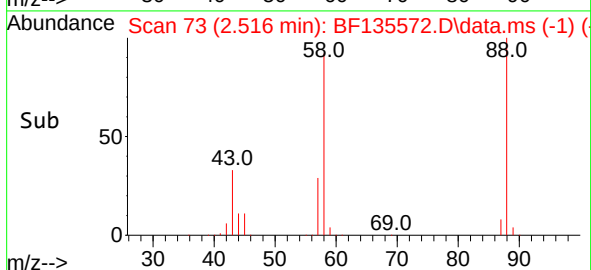
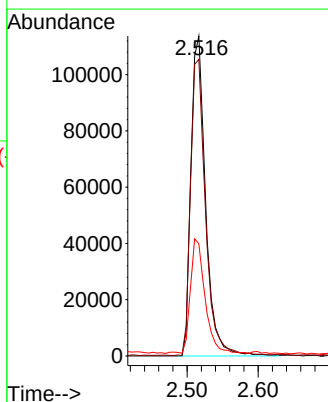
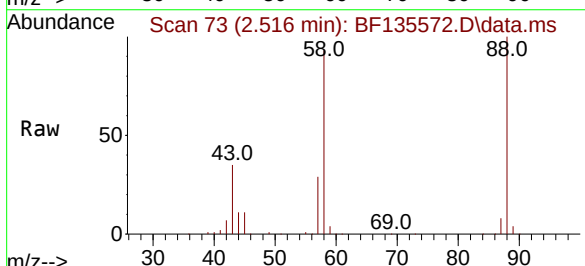
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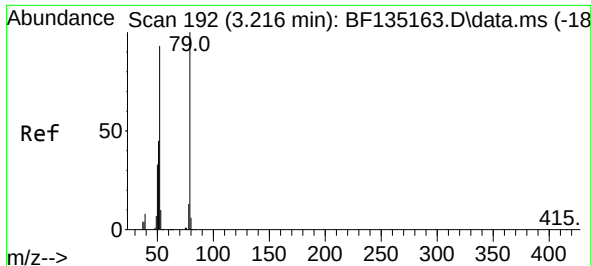
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#2
1,4-Dioxane
Concen: 47.842 ng
RT: 2.516 min Scan# 73
Delta R.T. 0.094 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

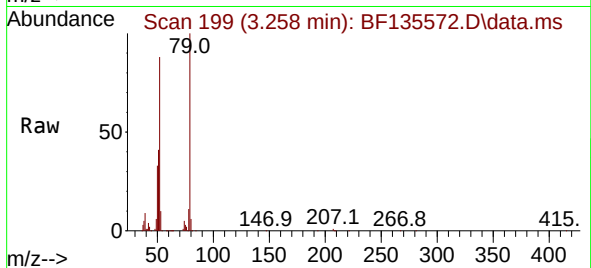
Tgt Ion: 88 Resp: 163726
Ion Ratio Lower Upper
88 100
58 94.1 78.3 117.5
43 36.0 29.4 44.0





#3
Pyridine
Concen: 42.501 ng
RT: 3.258 min Scan# 192
Delta R.T. 0.094 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

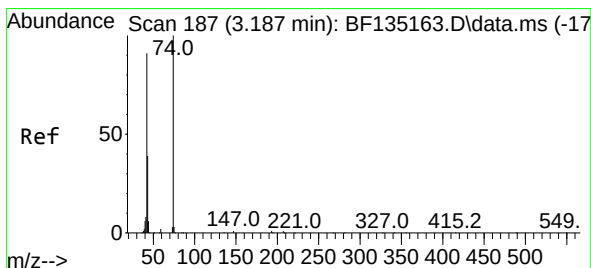
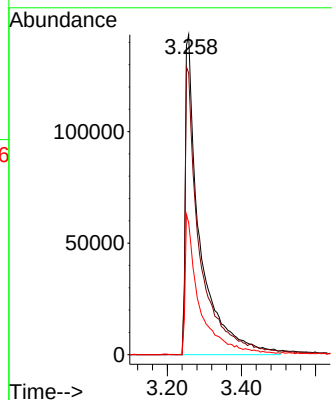
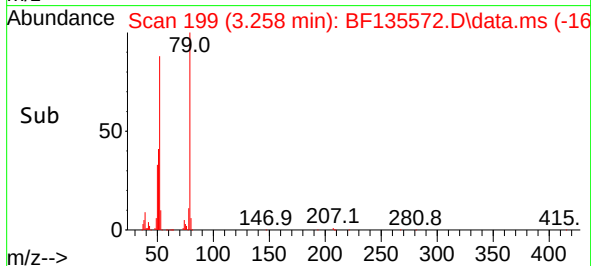
Instrument :
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280-300FB-BACKFILL-03MS



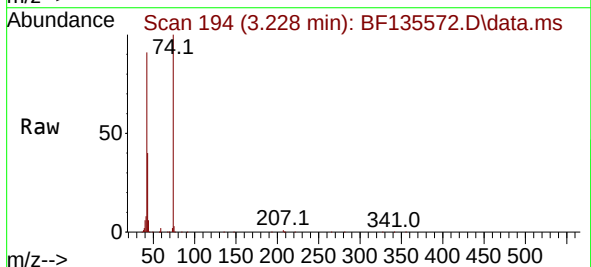
Tgt Ion: 79 Resp: 391458
Ion Ratio Lower Upper
79 100
52 88.0 74.1 111.1
51 41.2 35.8 53.8

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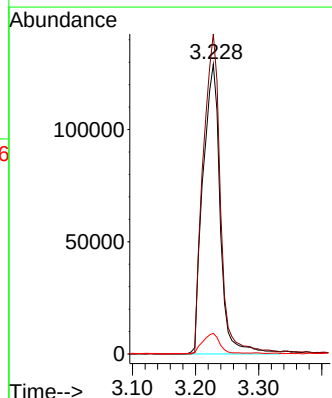
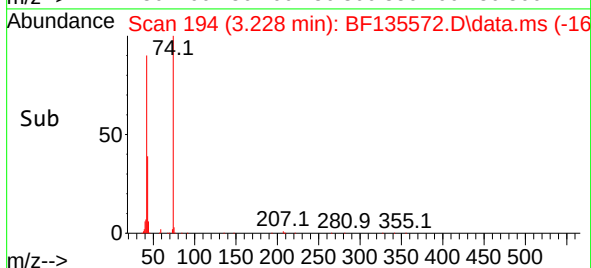
Reviewed By :Yogesh Patel 10/05/2023
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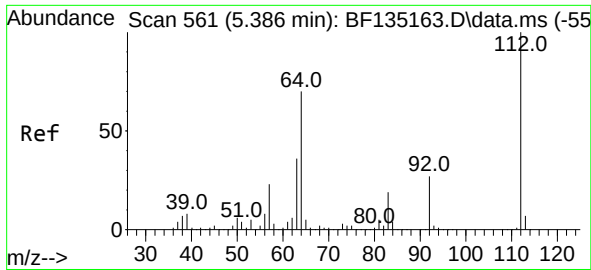


#4
n-Nitrosodimethylamine
Concen: 50.237 ng
RT: 3.228 min Scan# 194
Delta R.T. 0.094 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



Tgt Ion: 42 Resp: 245538
Ion Ratio Lower Upper
42 100
74 110.5 87.7 131.5
44 7.1 5.6 8.4





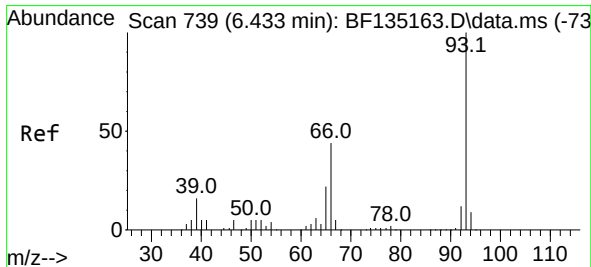
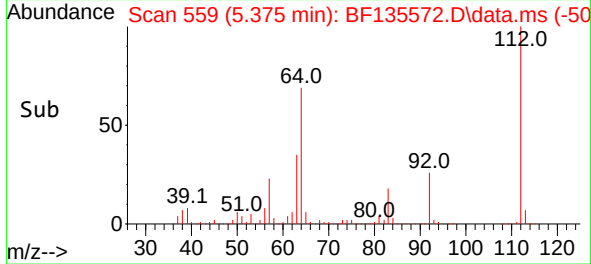
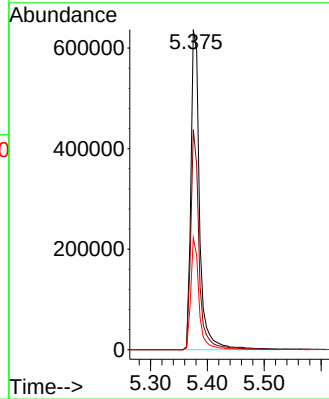
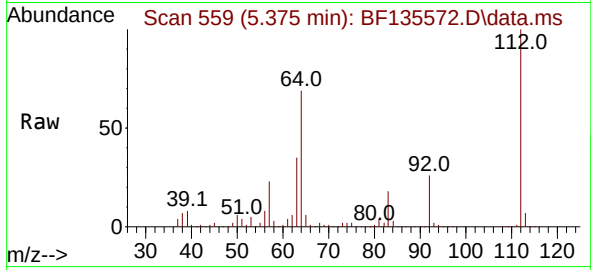
#5
2-Fluorophenol
Concen: 87.113 ng
RT: 5.375 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
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ClientSampleId :
280-300FB-BACKFILL-03MS

Tgt Ion:112 Resp: 68004
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 35.0 29.0 43.6

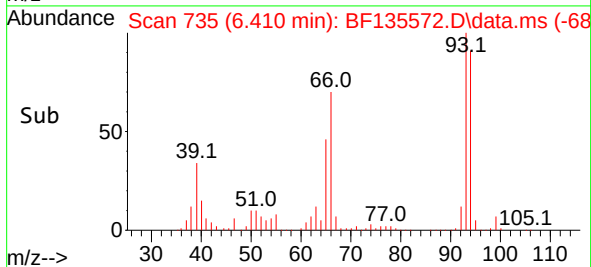
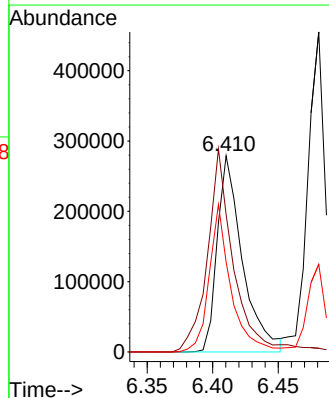
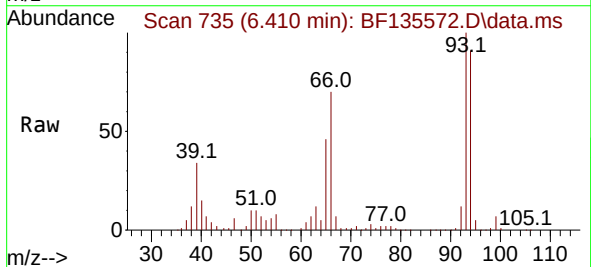
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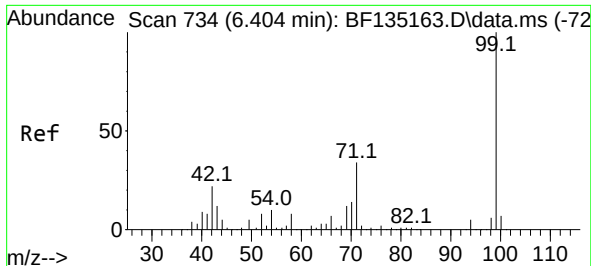
Reviewed By :Yogesh Patel 10/05/2023
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#6
Aniline
Concen: 28.581 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion: 93 Resp: 372037
Ion Ratio Lower Upper
93 100
66 70.1 35.4 53.0#
65 45.9 17.8 26.8#





#7

Phenol-d6

Concen: 86.935 ng

RT: 6.393 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

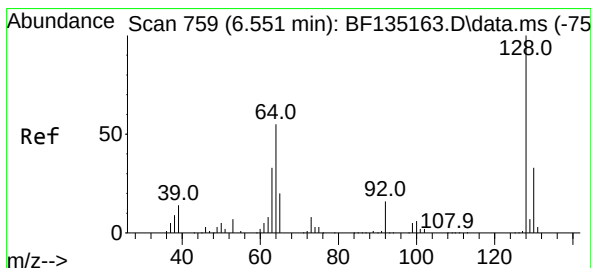
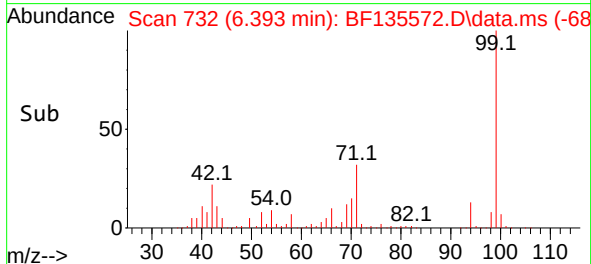
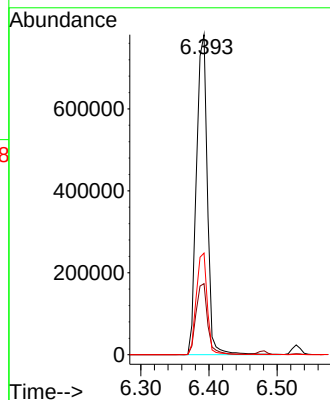
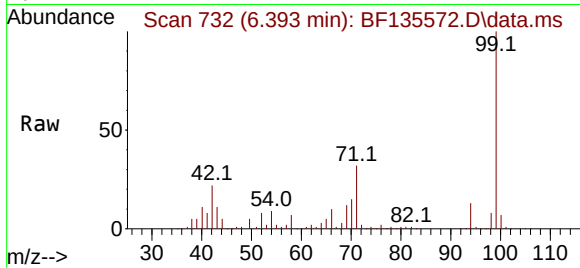
280-300FB-BACKFILL-03MS

Tgt Ion: 99 Resp: 862952
 Ion Ratio Lower Upper
 99 100
 42 22.2 17.9 26.9
 71 31.8 27.0 40.6

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#8

2-Chlorophenol

Concen: 50.673 ng

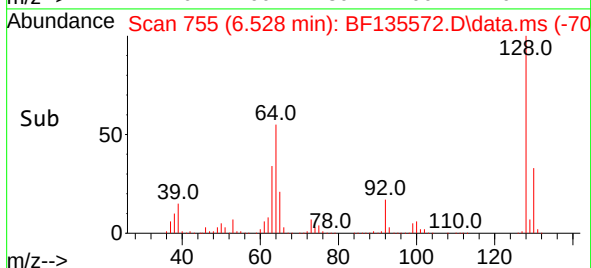
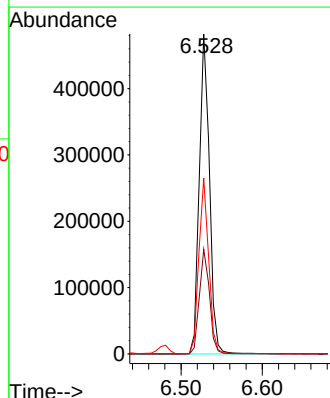
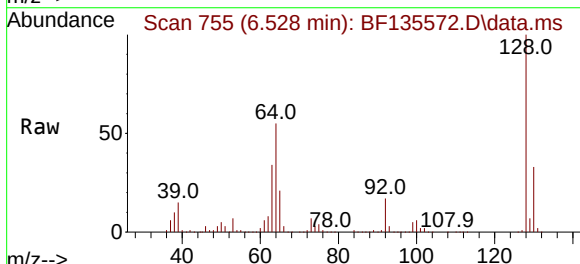
RT: 6.528 min Scan# 755

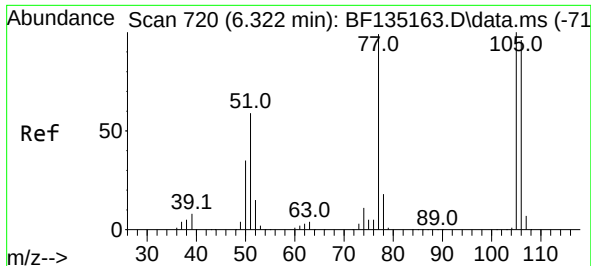
Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Tgt Ion:128 Resp: 422283
 Ion Ratio Lower Upper
 128 100
 130 32.7 12.7 52.7
 64 55.0 35.9 75.9





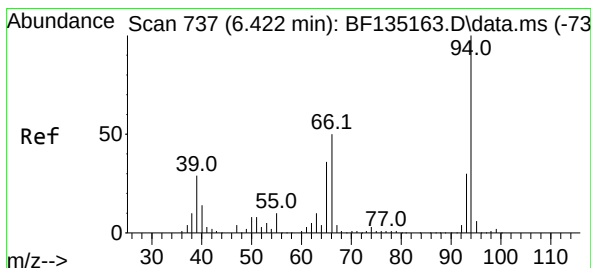
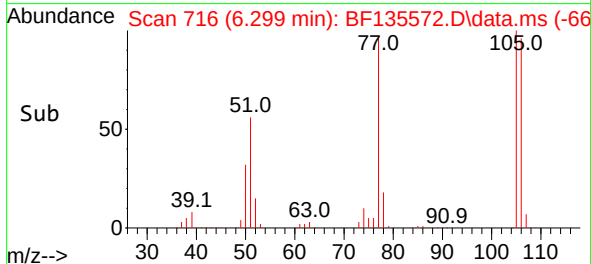
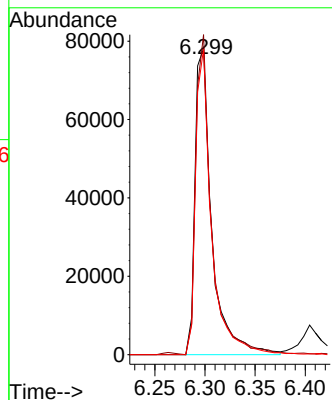
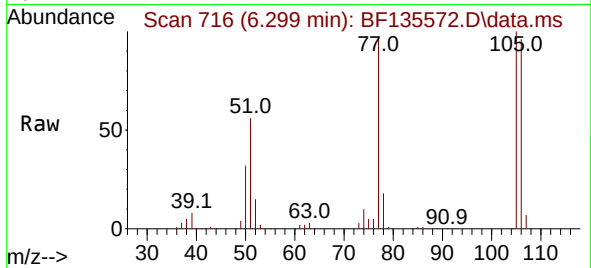
#9
Benzaldehyde
Concen: 16.026 ng
RT: 6.299 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS

Tgt Ion: 77 Resp: 9062
Ion Ratio Lower Upper
77 100
105 104.5 81.4 121.4
106 99.8 76.9 116.9

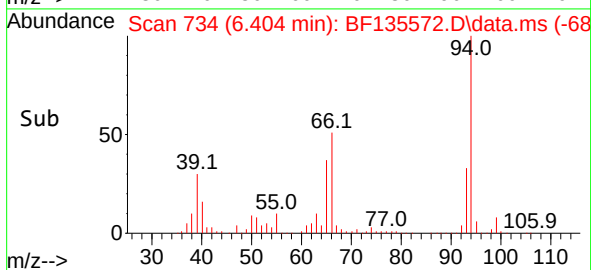
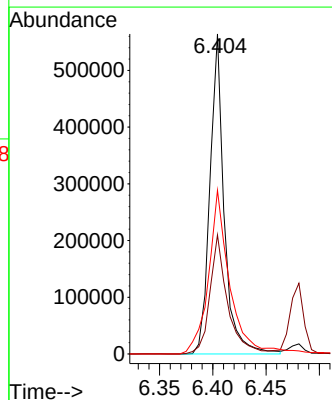
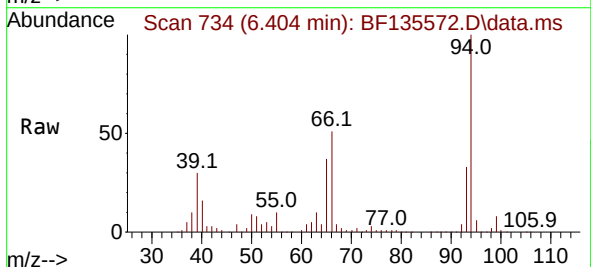
Manual Integrations
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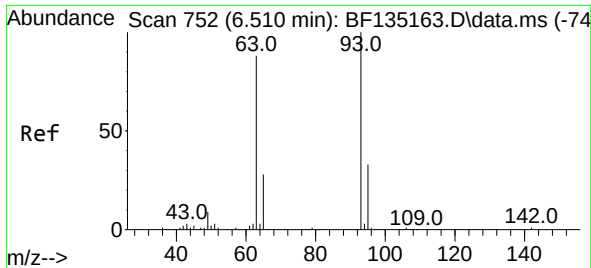
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#10
Phenol
Concen: 48.418 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion: 94 Resp: 527011
Ion Ratio Lower Upper
94 100
65 37.2 15.9 55.9
66 51.2 29.8 69.8





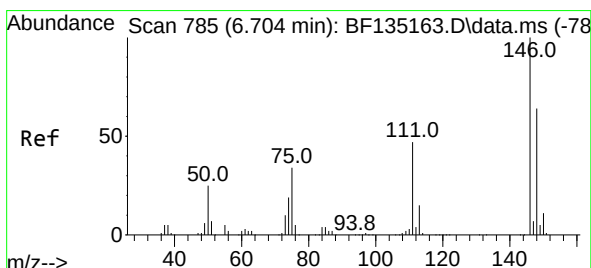
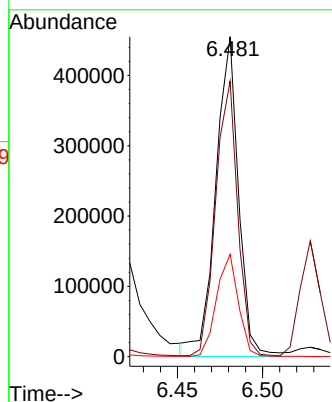
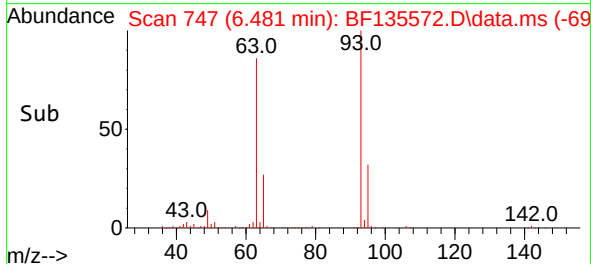
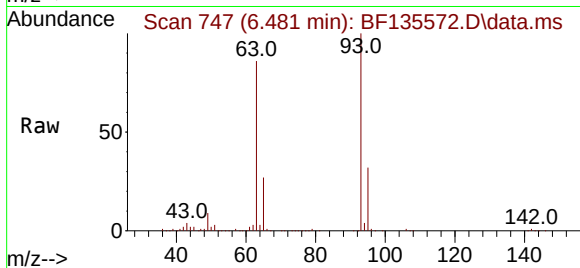
#11
bis(2-Chloroethyl)ether
Concen: 51.982 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS

Tgt Ion: 93 Resp: 424419
Ion Ratio Lower Upper
93 100
63 86.1 67.3 107.3
95 32.0 12.7 52.7

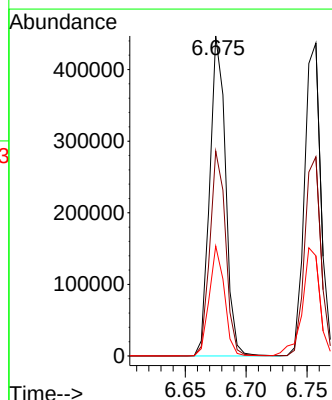
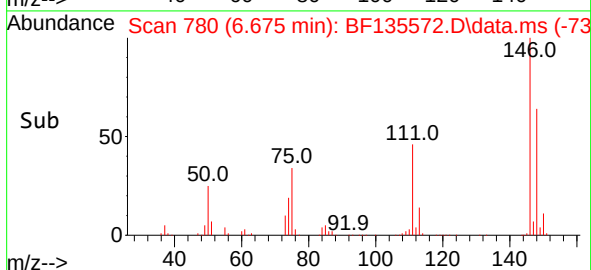
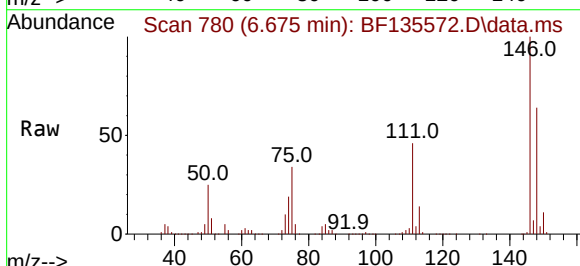
Manual Integrations
APPROVED

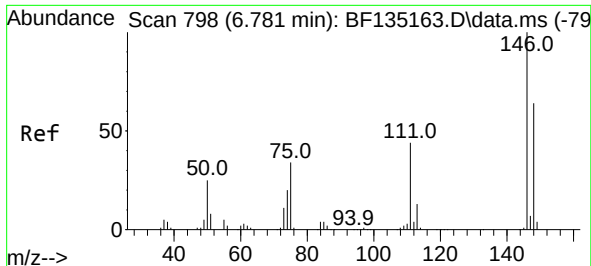
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#12
1,3-Dichlorobenzene
Concen: 47.820 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

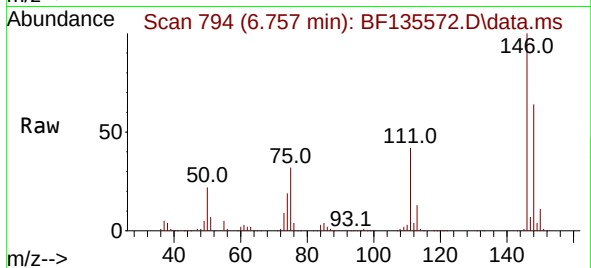
Tgt Ion:146 Resp: 404996
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 34.3 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.868 ng
RT: 6.757 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

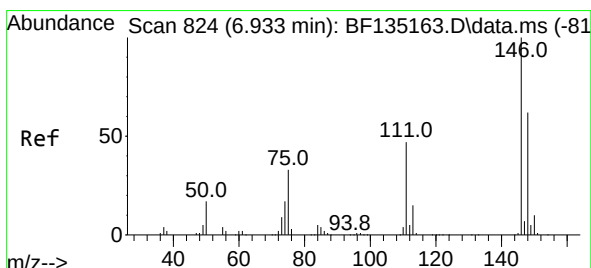
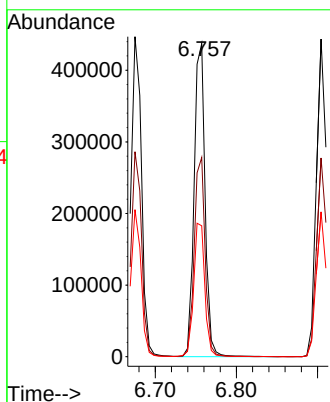
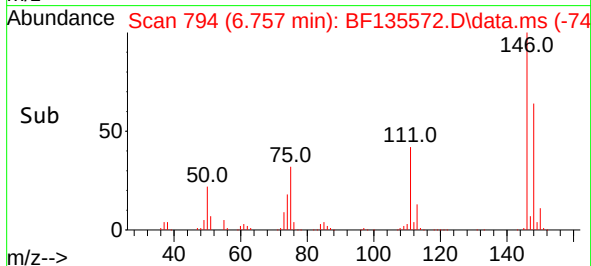
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



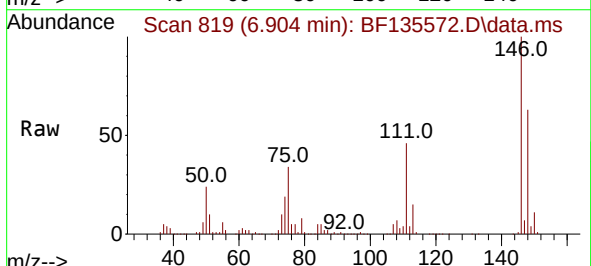
Tgt Ion:146 Resp: 412458
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 41.8 35.1 52.7

Manual Integrations
APPROVED

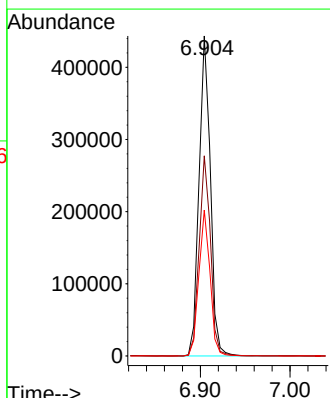
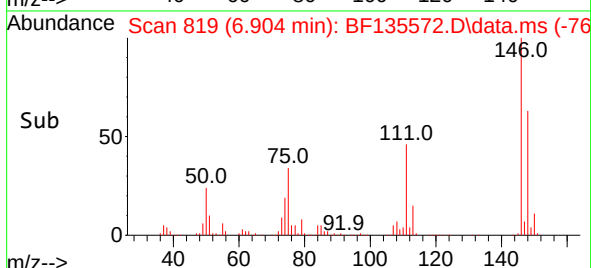
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

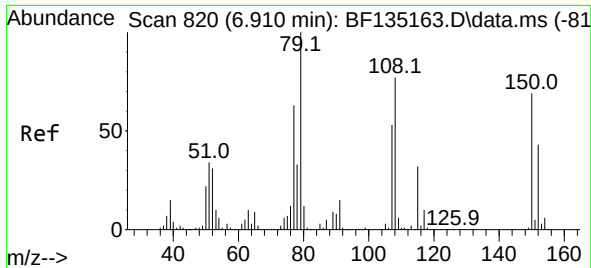


#14
1,2-Dichlorobenzene
Concen: 48.635 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



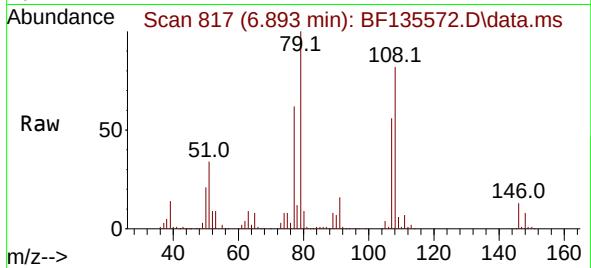
Tgt Ion:146 Resp: 389170
Ion Ratio Lower Upper
146 100
148 62.6 49.7 74.5
111 45.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.079 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

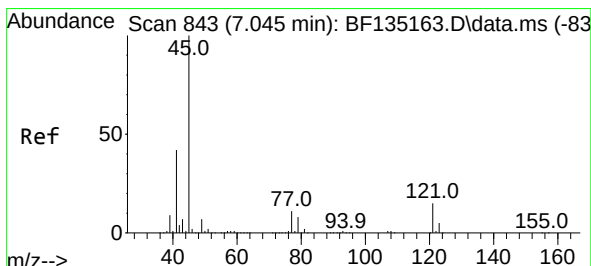
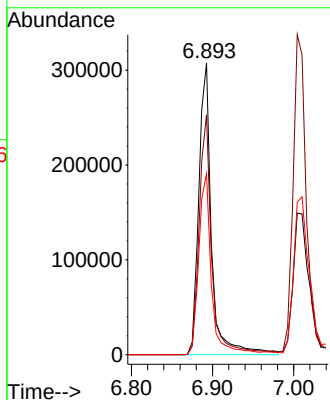
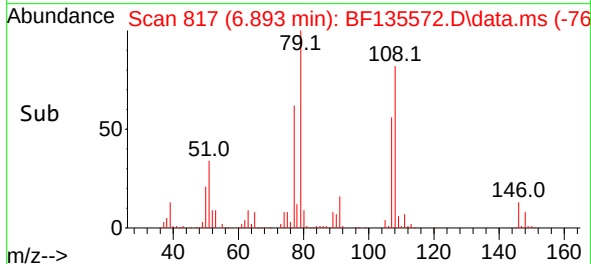
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion: 79 Resp: 335348
Ion Ratio Lower Upper
79 100
108 82.3 61.2 91.8
77 62.1 50.5 75.7

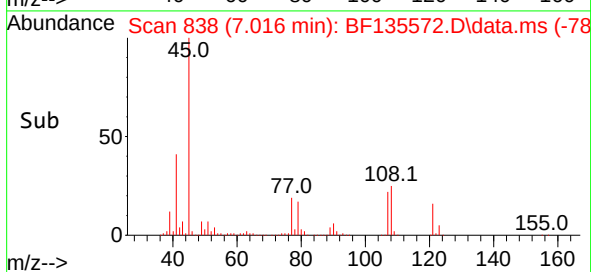
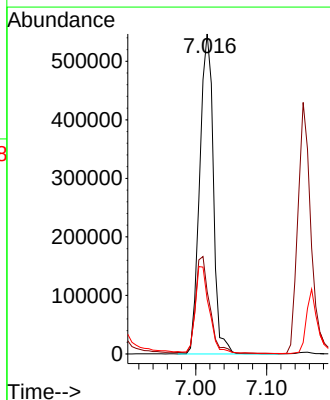
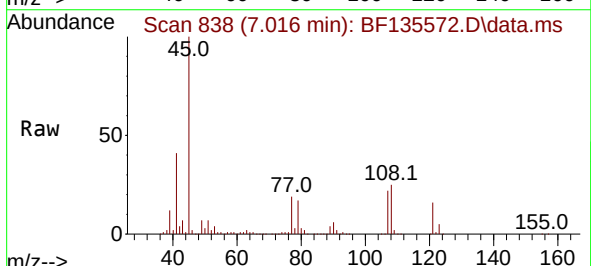
Manual Integrations
APPROVED

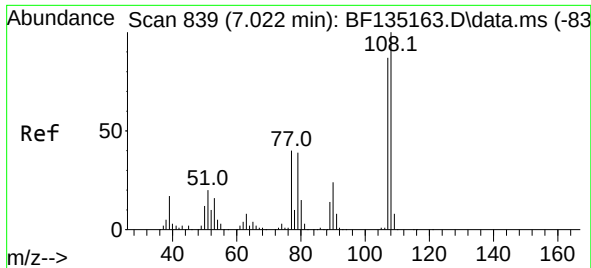
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.416 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

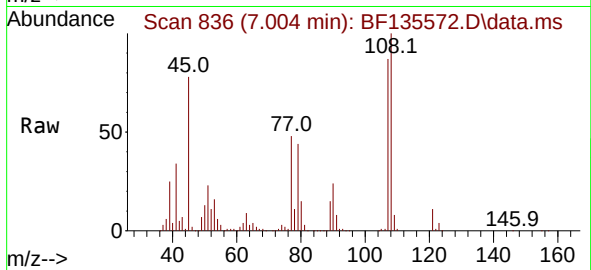
Tgt Ion: 45 Resp: 729720
Ion Ratio Lower Upper
45 100
77 19.5 0.0 30.6
79 17.0 0.0 28.3





#17
2-Methylphenol
Concen: 45.164 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS

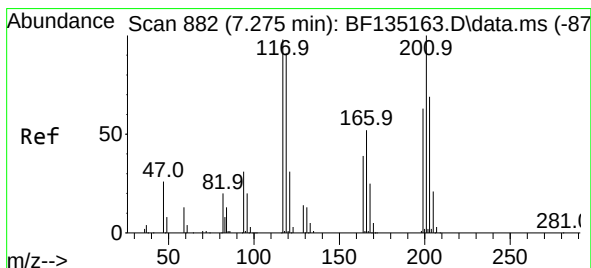
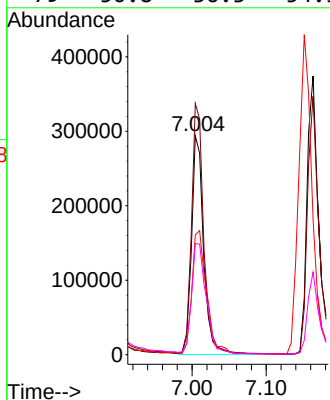
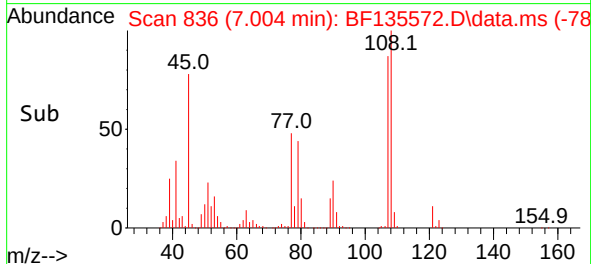


Tgt Ion:107 Resp: 332134

Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.0	138.0
77	54.7	36.7	55.1
79	50.8	36.3	54.5

Manual Integrations
APPROVED

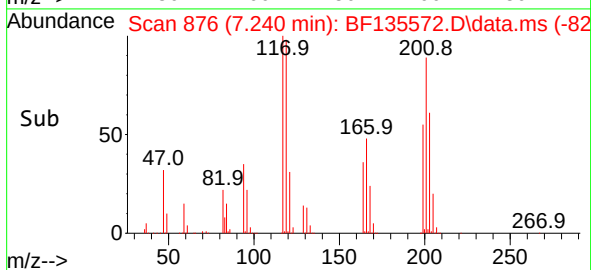
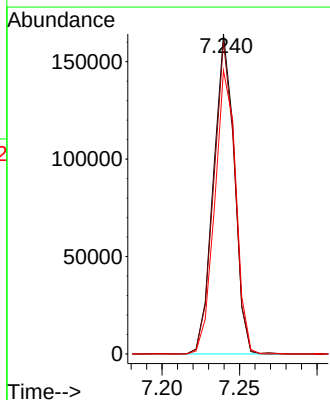
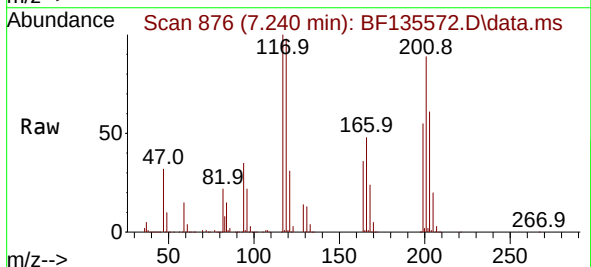
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

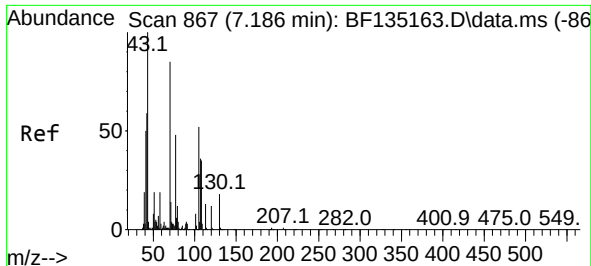


#18
Hexachloroethane
Concen: 48.290 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:117 Resp: 153744

Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.7	112.1
201	88.6	81.8	122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.711 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF135572.D

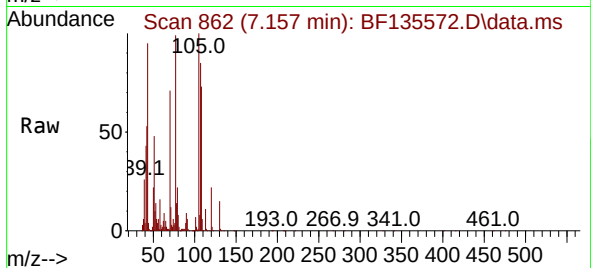
Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS



Tgt Ion: 70 Resp: 27490

Ion Ratio Lower Upper

70 100

42 74.6 55.4 83.0

101 9.7 7.7 11.5

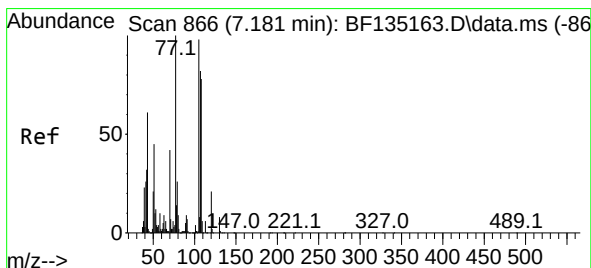
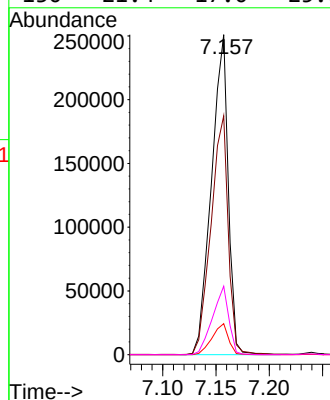
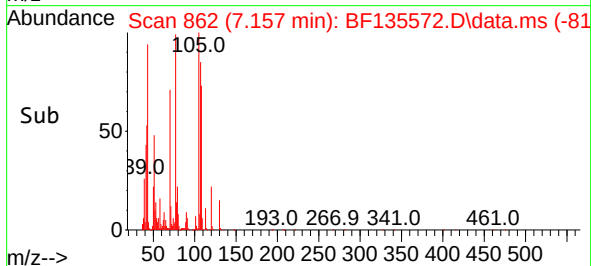
130 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#20

3+4-Methylphenols

Concen: 47.746 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Tgt Ion:107 Resp: 422210

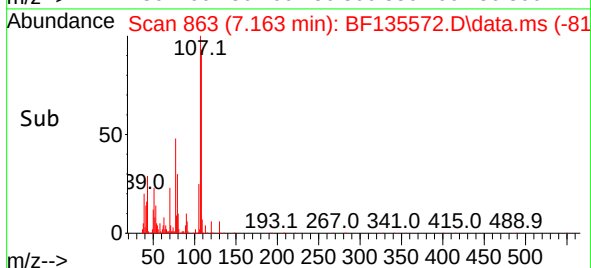
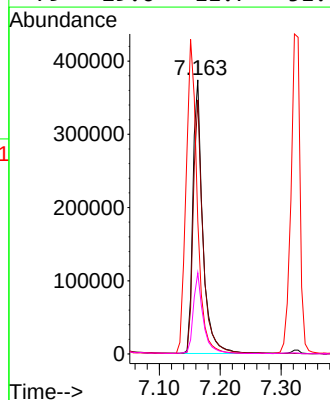
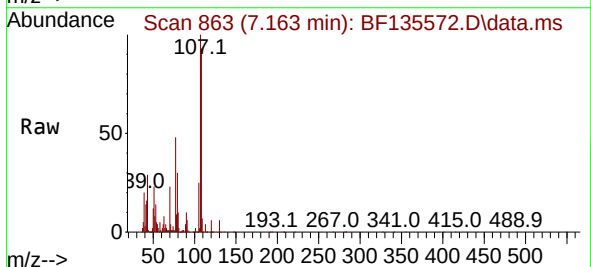
Ion Ratio Lower Upper

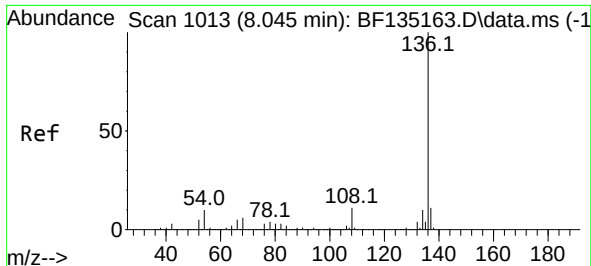
107 100

108 92.7 74.7 114.7

77 48.4 102.0 142.0#

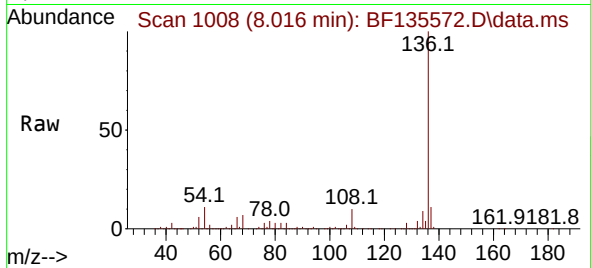
79 29.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

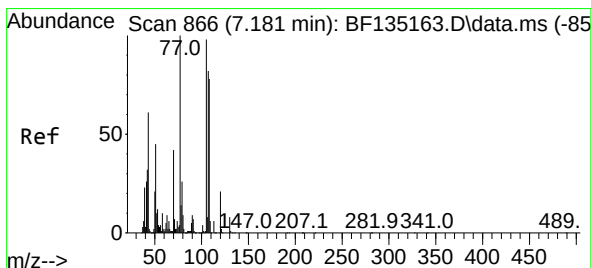
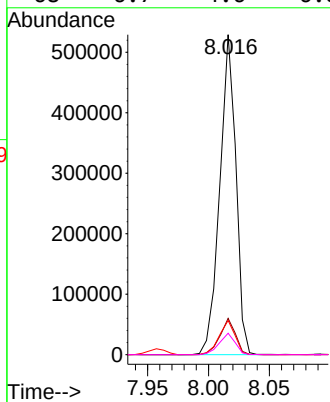
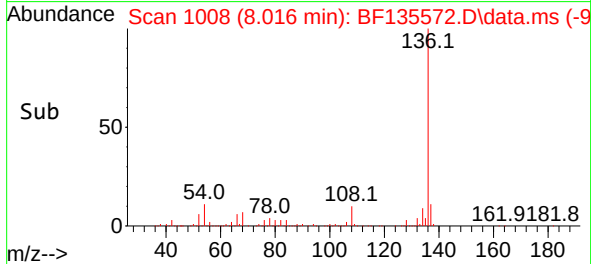
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:136 Resp: 489710
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.7 7.7 11.5
68 6.7 4.6 6.8

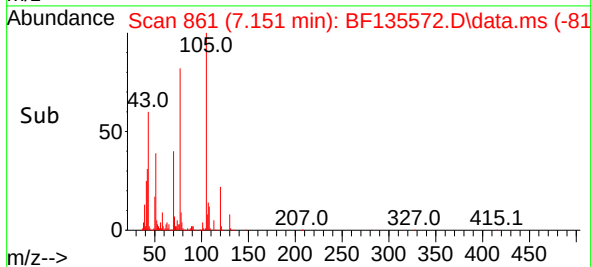
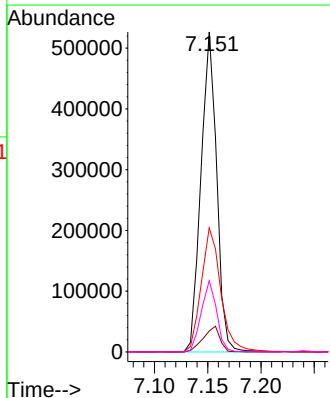
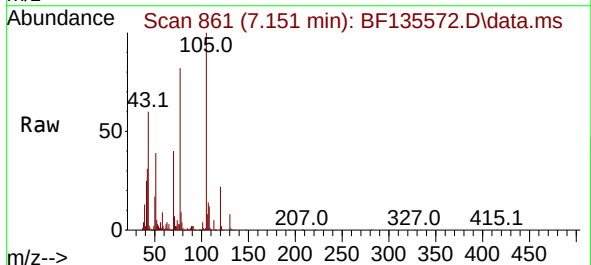
Manual Integrations
APPROVED

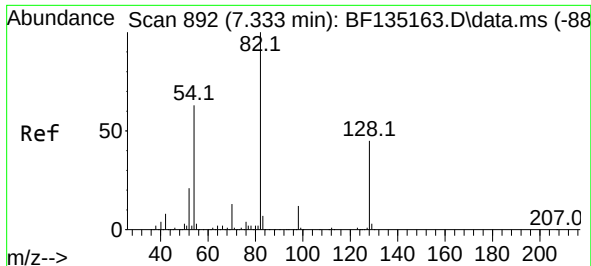
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#22
Acetophenone
Concen: 48.497 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:105 Resp: 542985
Ion Ratio Lower Upper
105 100
71 6.6 5.8 8.6
51 38.8 37.0 55.4
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 59.953 ng

RT: 7.304 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

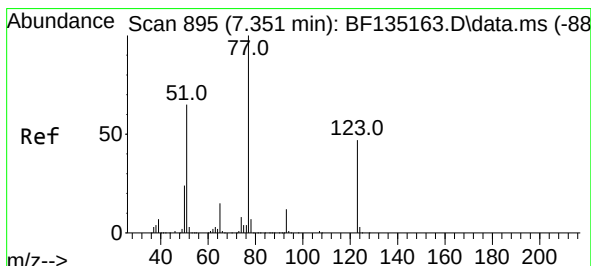
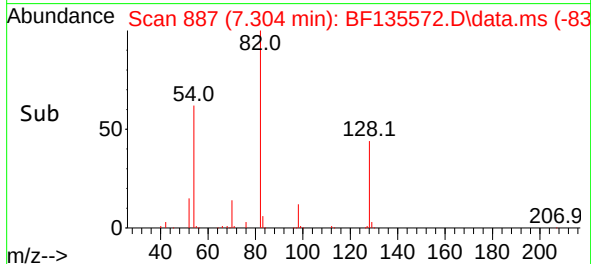
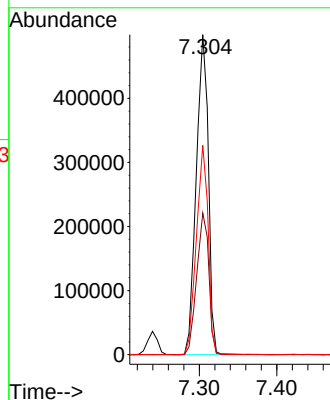
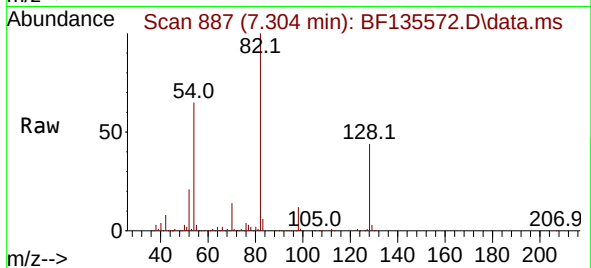
ClientSampleId :

280-300FB-BACKFILL-03MS

Tgt Ion: 82	Resp: 540410
Ion Ratio	Lower Upper
82	100
128	44.3 35.8 53.6
54	65.4 50.6 76.0

Manual Integrations
APPROVED

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



#24

Nitrobenzene

Concen: 50.462 ng

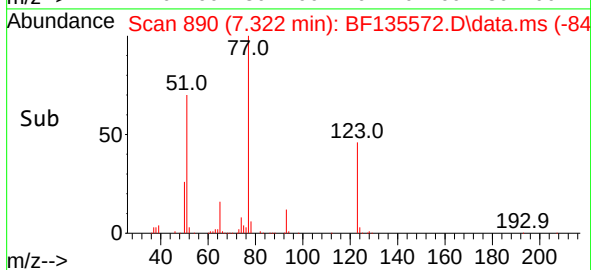
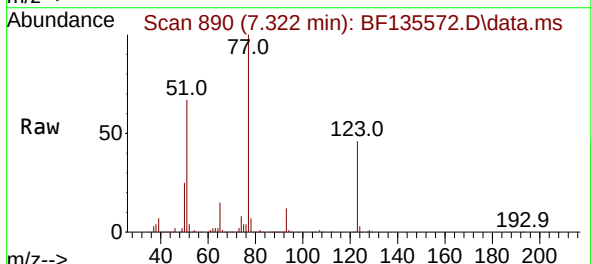
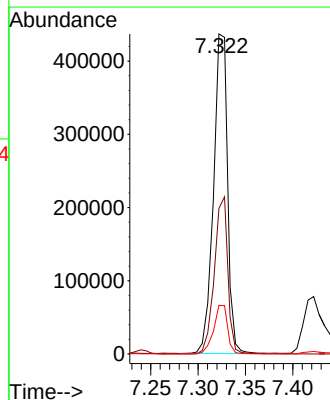
RT: 7.322 min Scan# 890

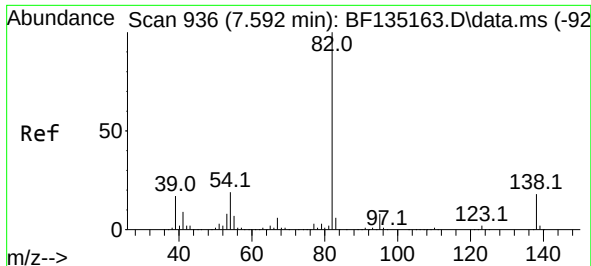
Delta R.T. -0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

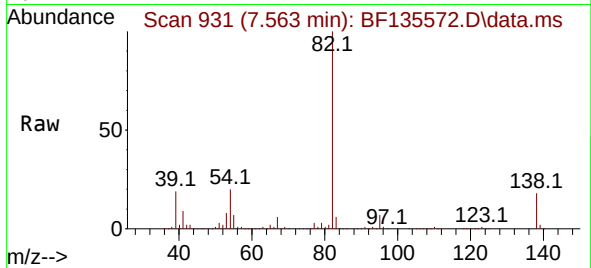
Tgt Ion: 77	Resp: 449580
Ion Ratio	Lower Upper
77	100
123	45.5 37.6 56.4
65	15.2 12.2 18.4





#25
Isophorone
Concen: 48.740 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

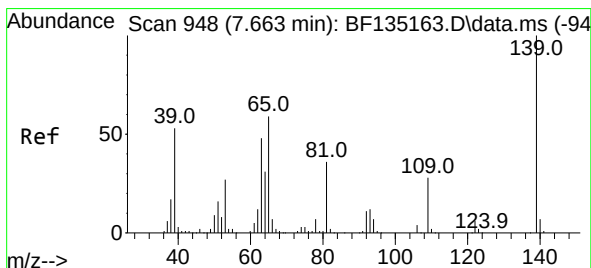
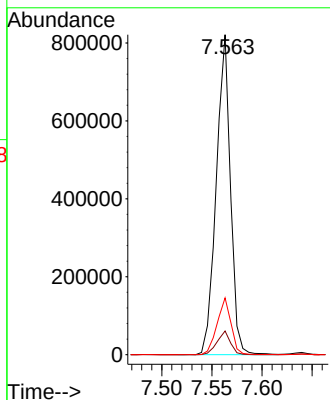
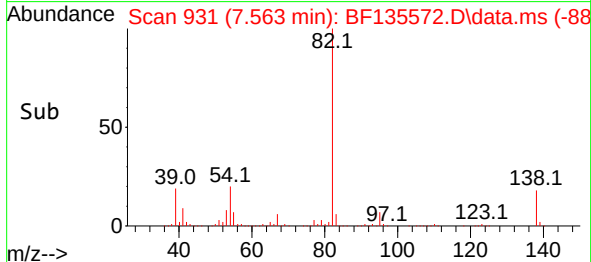
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion: 82 Resp: 806725
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 17.7 14.5 21.7

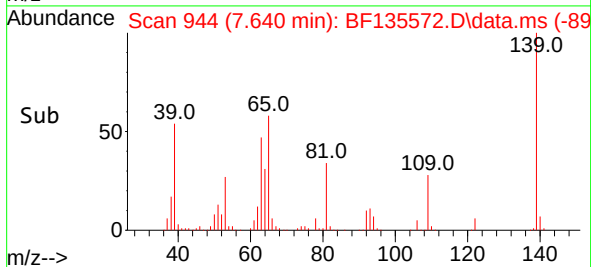
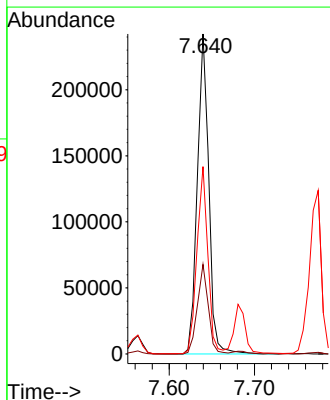
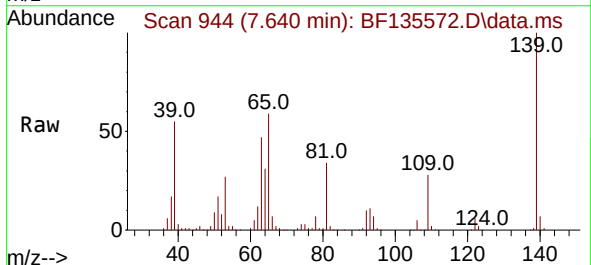
Manual Integrations
APPROVED

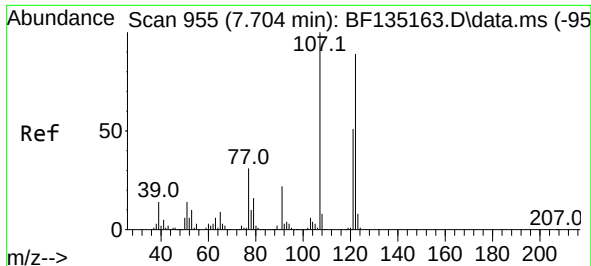
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#26
2-Nitrophenol
Concen: 52.847 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:139 Resp: 225974
Ion Ratio Lower Upper
139 100
109 28.0 22.6 33.8
65 58.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.682 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135572.D

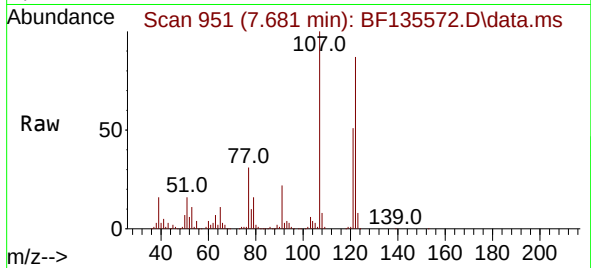
Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS



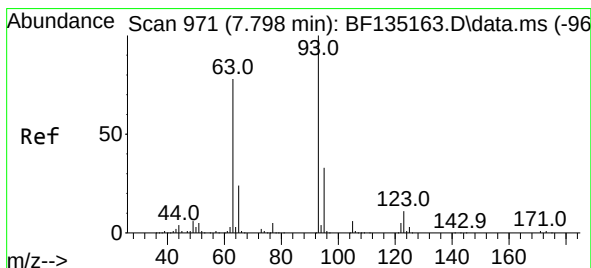
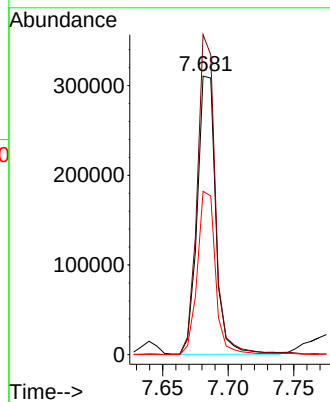
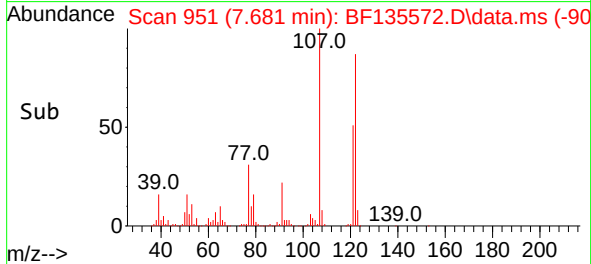
Tgt Ion:	122	Resp:	306769
Ion Ratio	Lower	Upper	
122	100		
107	114.9	90.2	135.4
121	58.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.027 ng

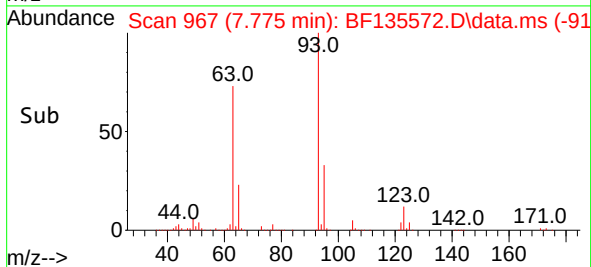
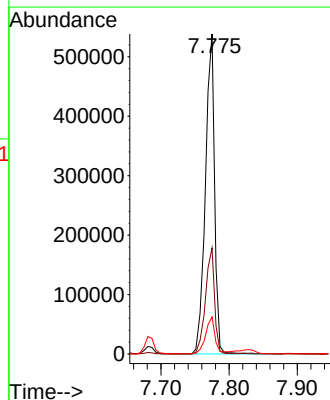
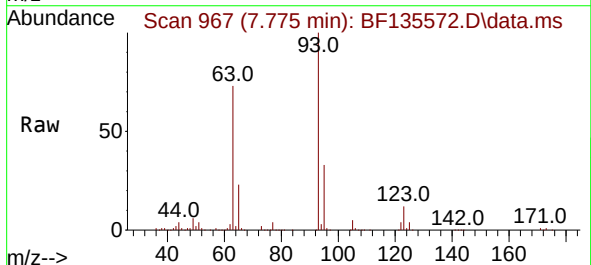
RT: 7.775 min Scan# 967

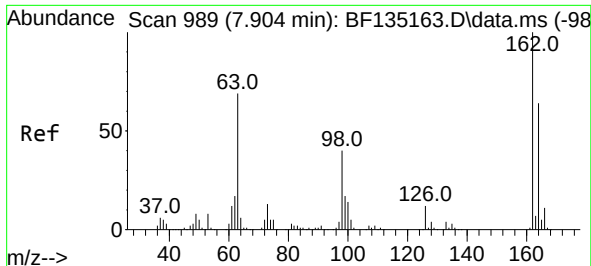
Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Tgt Ion:	93	Resp:	505513
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.2
123	11.6	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 51.176 ng

RT: 7.887 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF135572.D

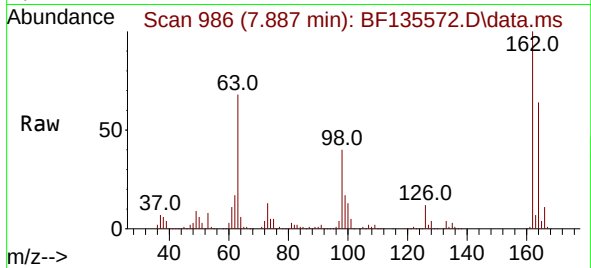
Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS



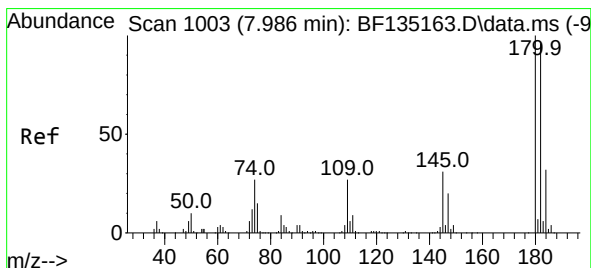
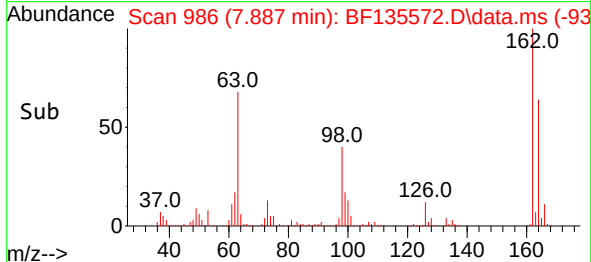
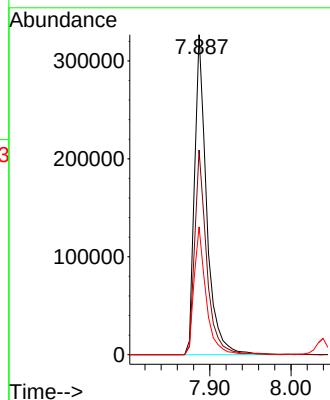
Tgt Ion:	162	Resp:	340820
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.1	84.1
98	40.0	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.231 ng

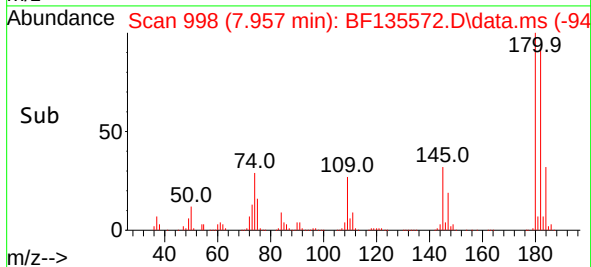
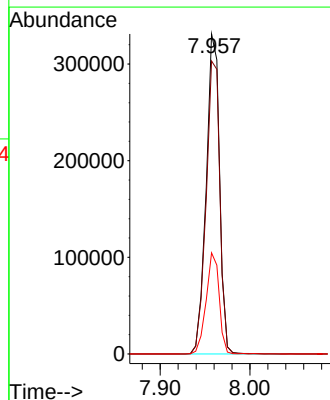
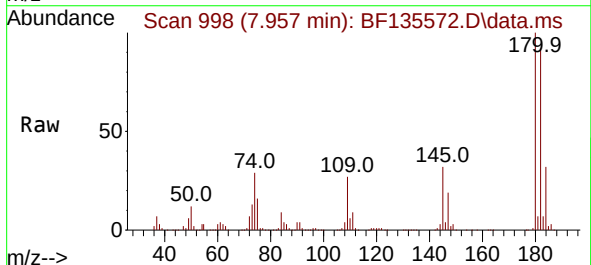
RT: 7.957 min Scan# 998

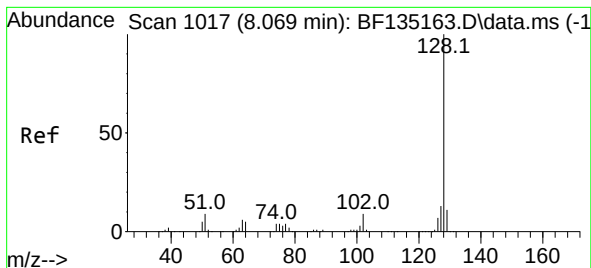
Delta R.T. -0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

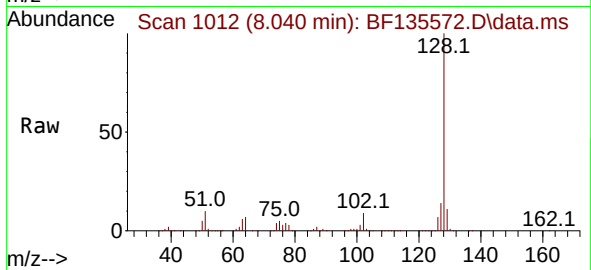
Tgt Ion:	180	Resp:	342706
Ion Ratio	Lower	Upper	
180	100		
182	91.5	76.9	115.3
145	31.6	24.5	36.7





#31
Naphthalene
Concen: 48.055 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

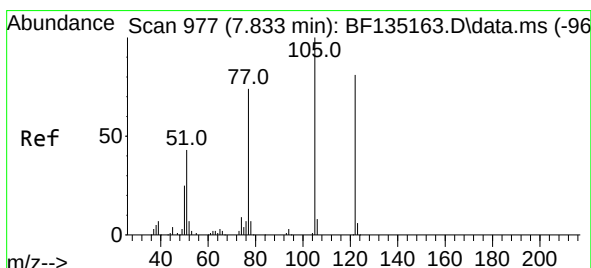
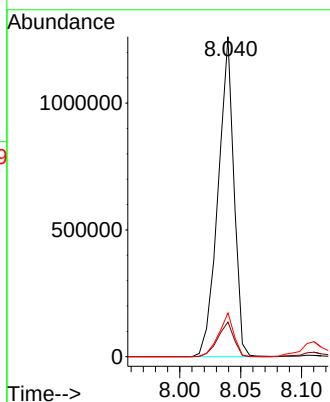
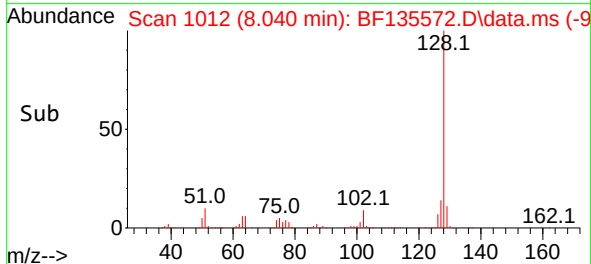
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:128 Resp: 114341
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.7 10.7 16.1

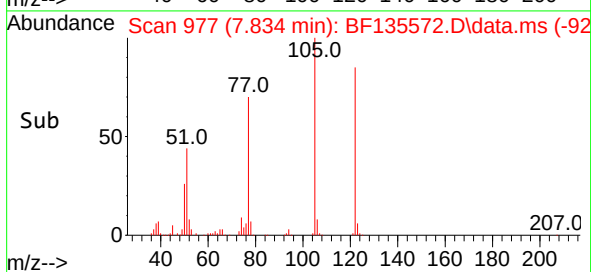
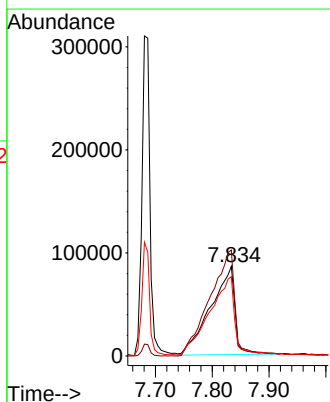
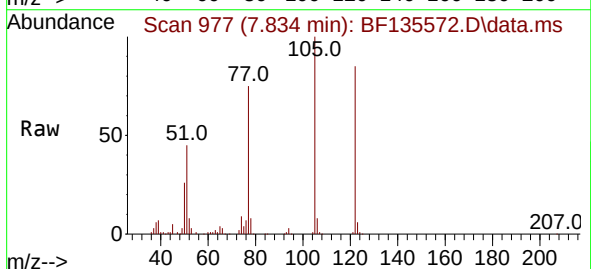
Manual Integrations
APPROVED

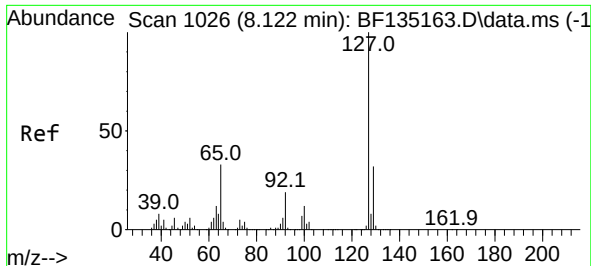
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#32
Benzoic acid
Concen: 47.131 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.012 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:122 Resp: 255078
Ion Ratio Lower Upper
122 100
105 118.3 99.9 139.9
77 88.4 70.0 110.0





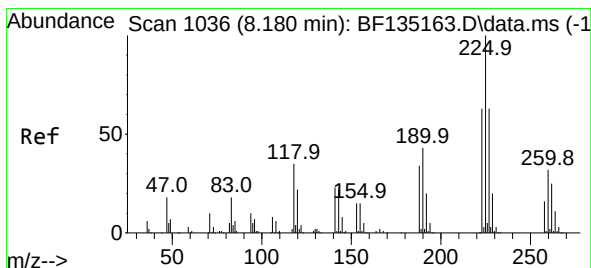
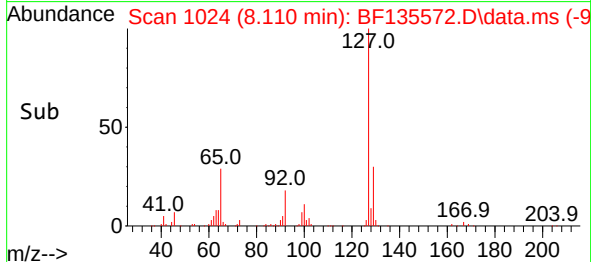
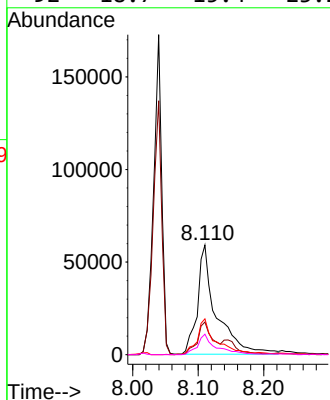
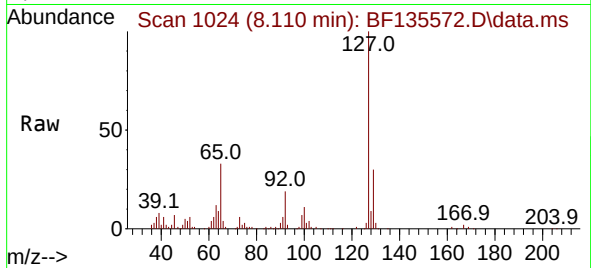
#33
4-Chloroaniline
Concen: 11.329 ng
RT: 8.110 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS

Tgt Ion:127 Resp: 118269
Ion Ratio Lower Upper
127 100
129 29.8 25.8 38.8
65 32.7 26.6 39.8
92 18.7 15.4 23.2

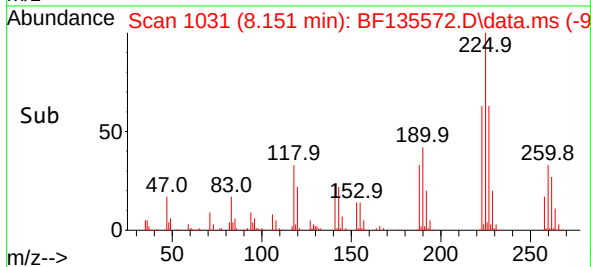
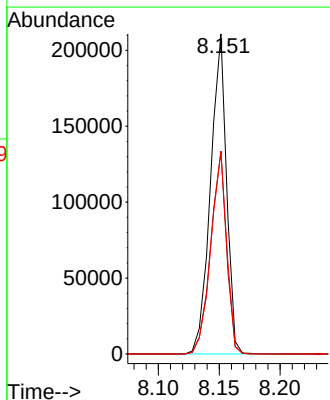
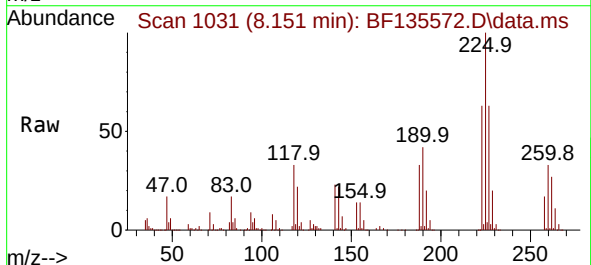
Manual Integrations
APPROVED

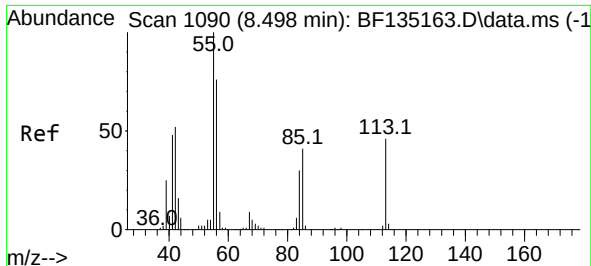
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#34
Hexachlorobutadiene
Concen: 45.764 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

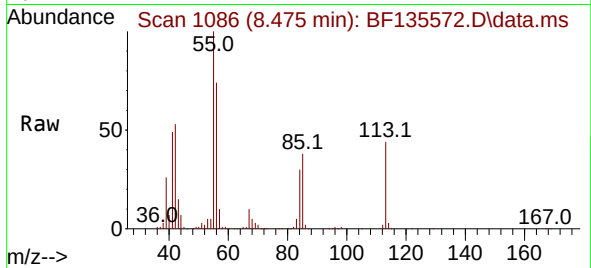
Tgt Ion:225 Resp: 192090
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 63.3 50.8 76.2





#35
Caprolactam
Concen: 47.367 ng m
RT: 8.475 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

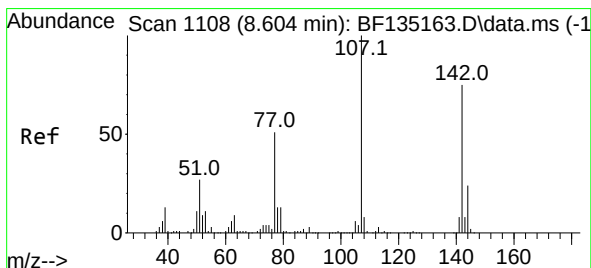
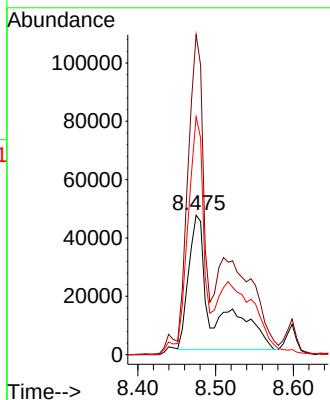
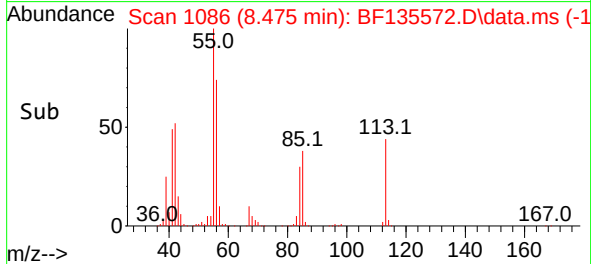
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:113 Resp: 10587
Ion Ratio Lower Upper
113 100
55 229.3 199.3 239.3
56 170.5 146.3 186.3

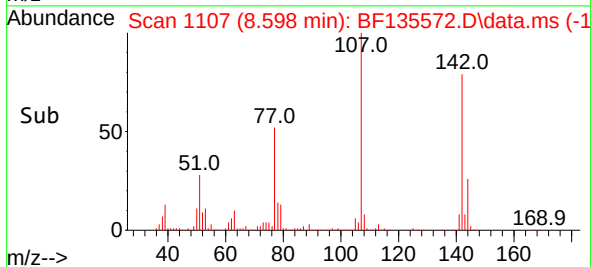
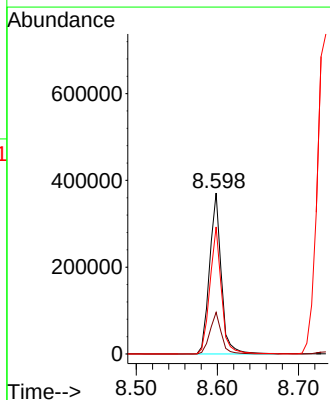
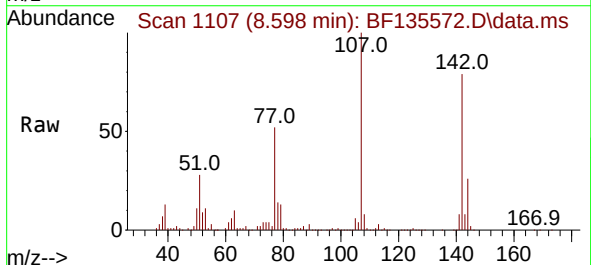
Manual Integrations
APPROVED

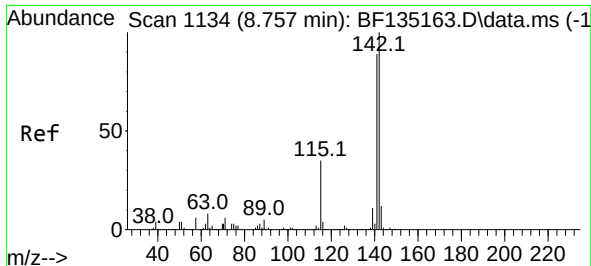
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#36
4-Chloro-3-methylphenol
Concen: 50.099 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:107 Resp: 370829
Ion Ratio Lower Upper
107 100
144 25.8 19.0 28.4
142 79.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.624 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS

Tgt Ion:142 Resp: 74571

Ion Ratio Lower Upper

142 100

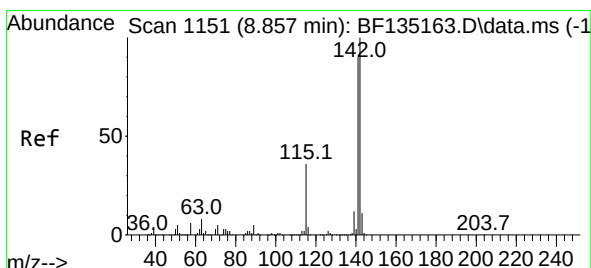
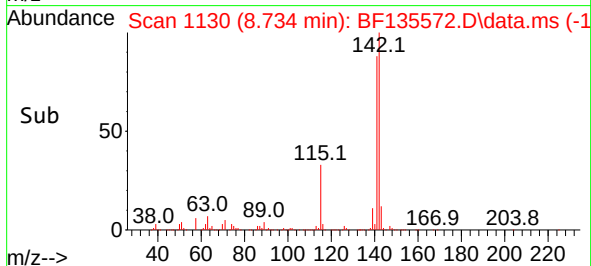
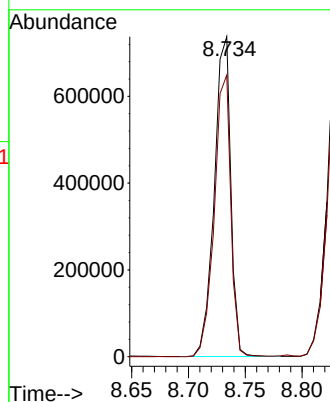
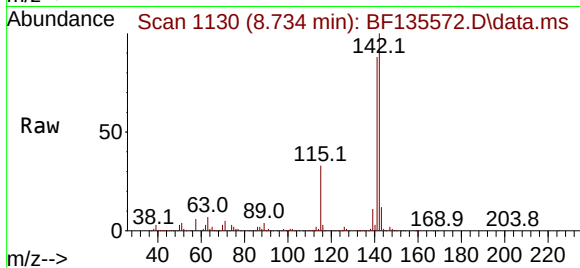
141 88.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#38

1-Methylnaphthalene

Concen: 47.741 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135572.D

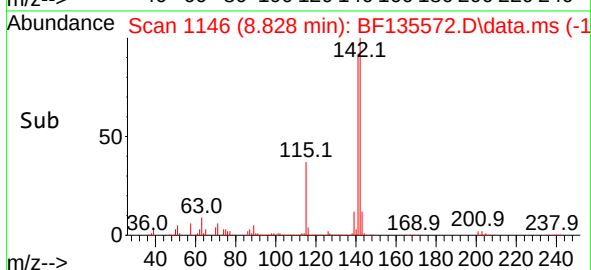
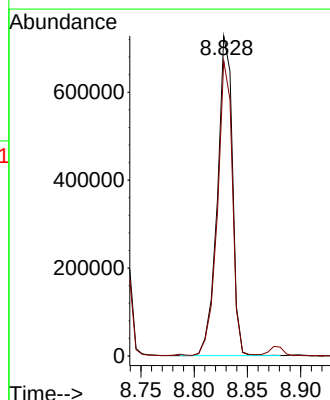
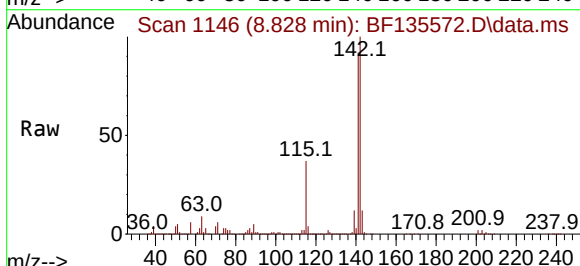
Acq: 04 Oct 2023 15:34

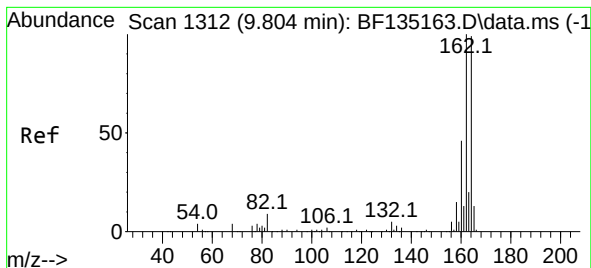
Tgt Ion:142 Resp: 714895

Ion Ratio Lower Upper

142 100

141 92.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS

Tgt Ion:164 Resp: 25652

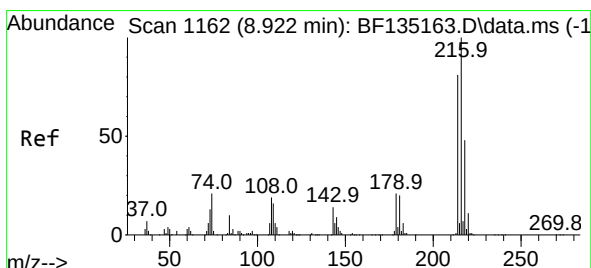
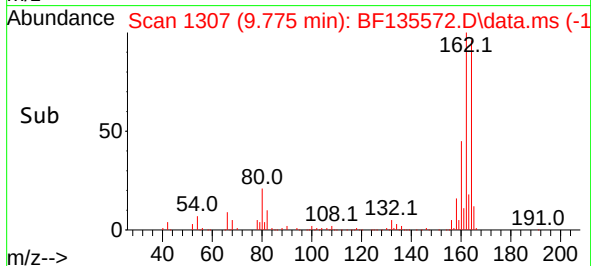
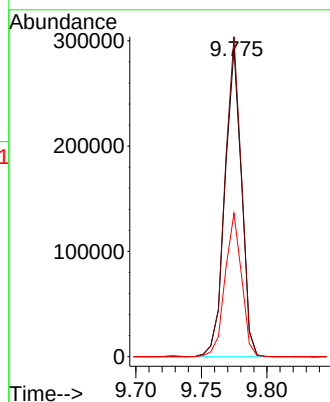
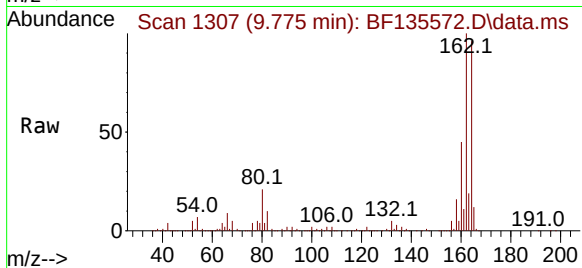
Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.0	121.4
160	46.6	37.0	55.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.074 ng

RT: 8.898 min Scan# 1158

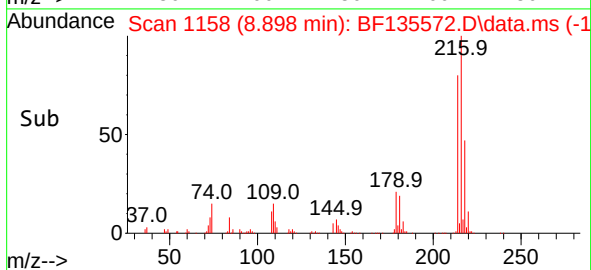
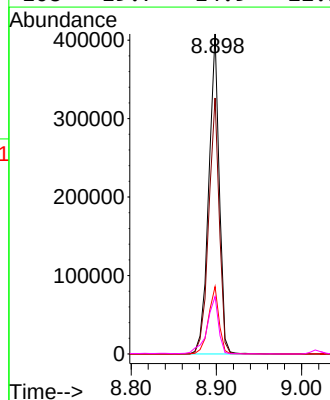
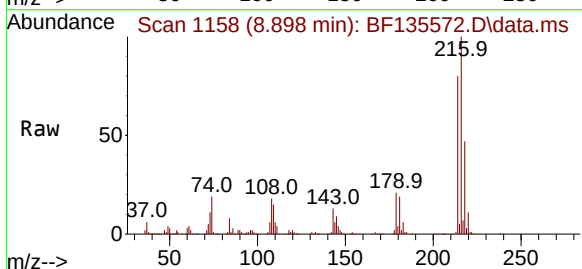
Delta R.T. 0.000 min

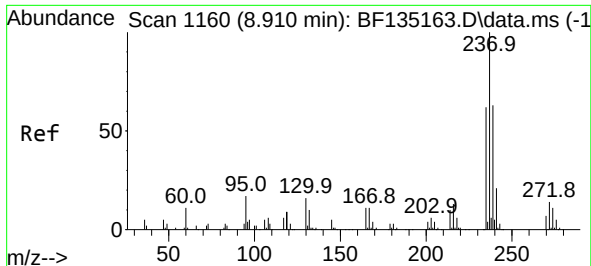
Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Tgt Ion:216 Resp: 349846

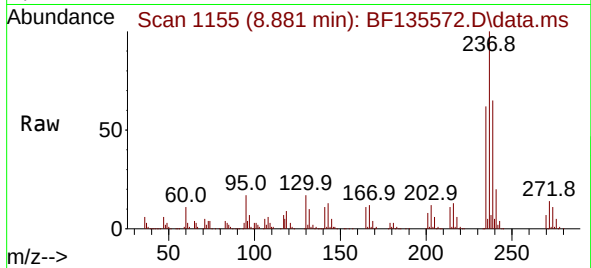
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.7	95.5
179	21.0	16.7	25.1
108	19.7	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 48.375 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

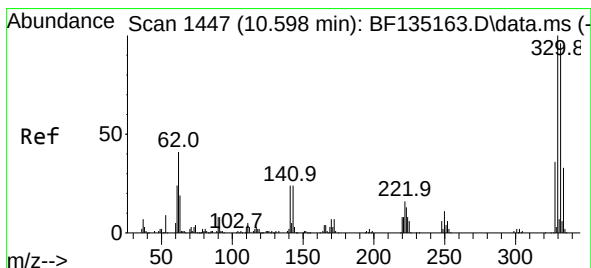
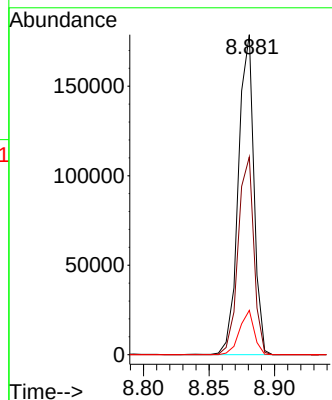
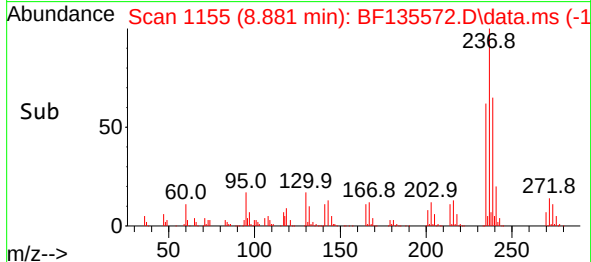
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



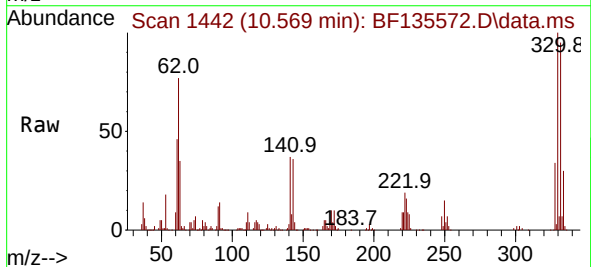
Tgt Ion:237 Resp: 14788
Ion Ratio Lower Upper
237 100
235 61.8 41.8 81.8
272 13.9 0.0 33.6

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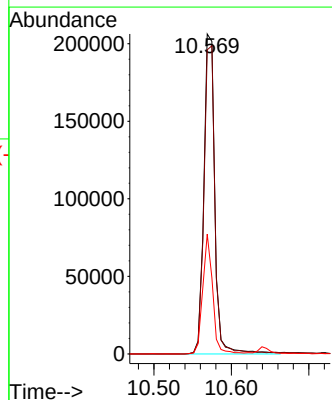
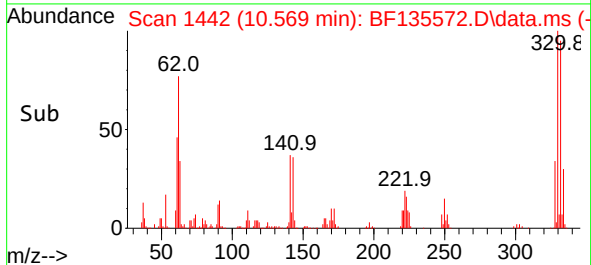
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

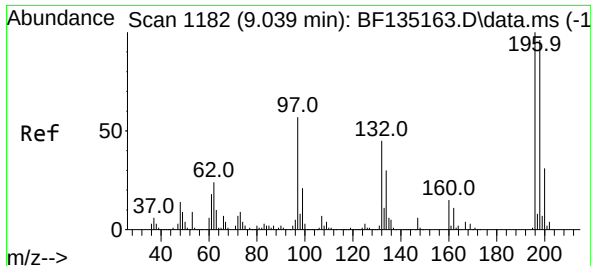


#42
2,4,6-Tribromophenol
Concen: 79.642 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



Tgt Ion:330 Resp: 203027
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.744 ng

RT: 9.016 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135572.D

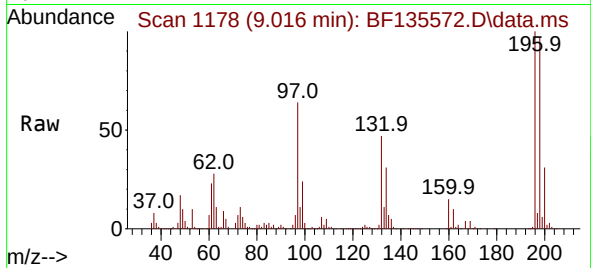
Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS



Tgt Ion:196 Resp: 23718

Ion Ratio Lower Upper

196 100

198 96.8 77.0 115.6

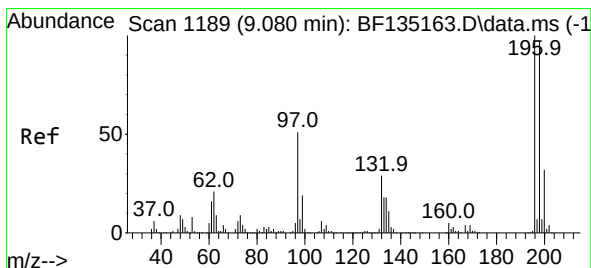
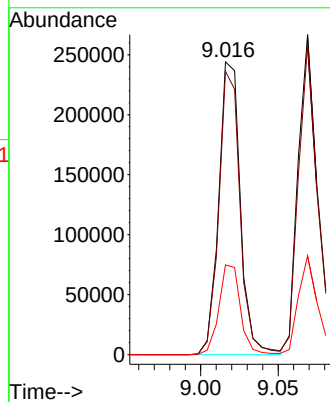
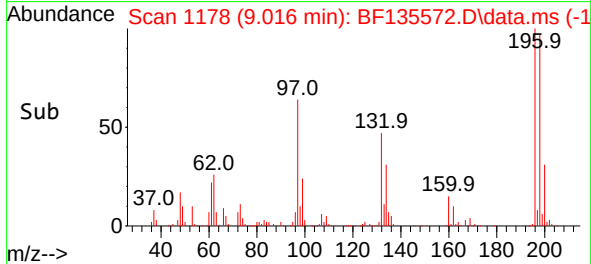
200 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#44

2,4,5-Trichlorophenol

Concen: 44.824 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Tgt Ion:196 Resp: 251175

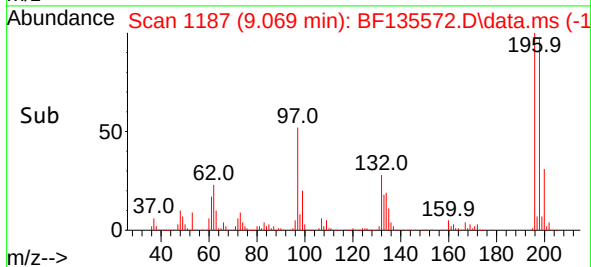
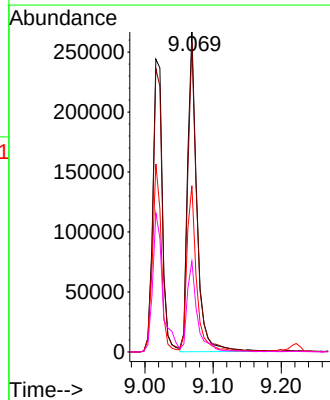
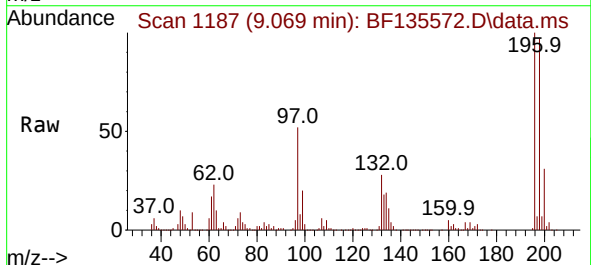
Ion Ratio Lower Upper

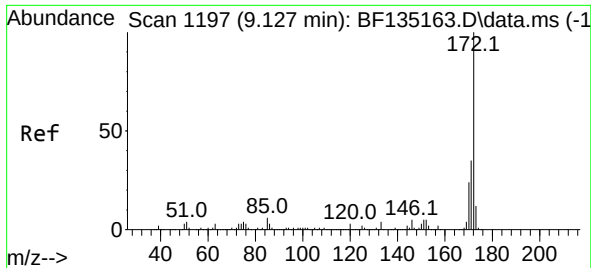
196 100

198 96.7 77.5 116.3

97 52.0 40.5 60.7

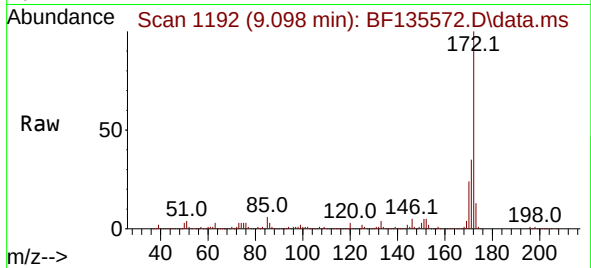
132 28.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 58.140 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

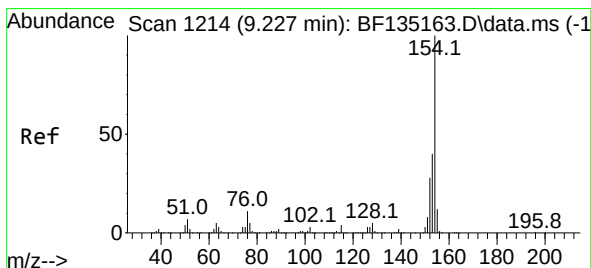
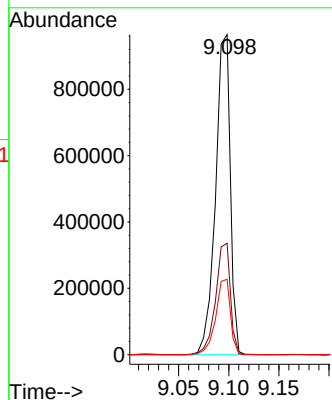
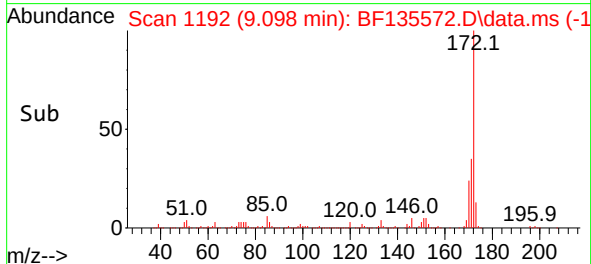
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



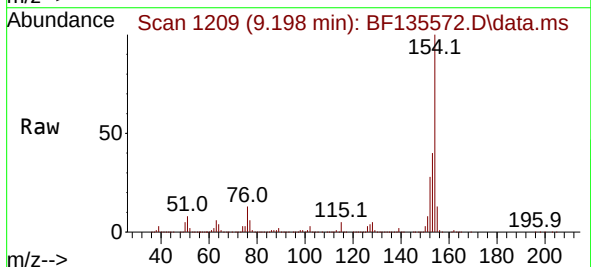
Tgt Ion:172 Resp: 98855
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.5 19.0 28.4

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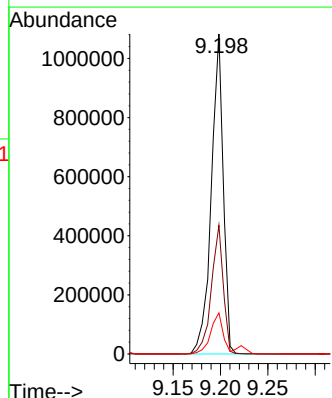
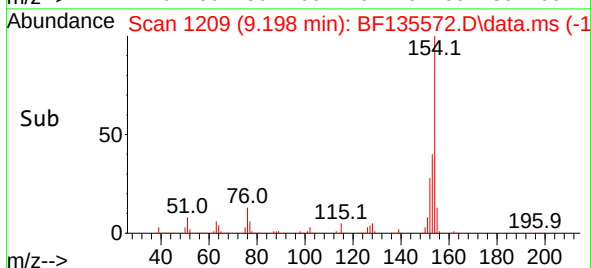
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

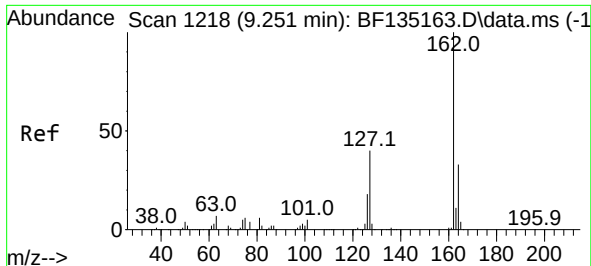


#46
1,1'-Biphenyl
Concen: 48.100 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



Tgt Ion:154 Resp: 948229
Ion Ratio Lower Upper
154 100
153 40.2 19.6 59.6
76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.177 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS

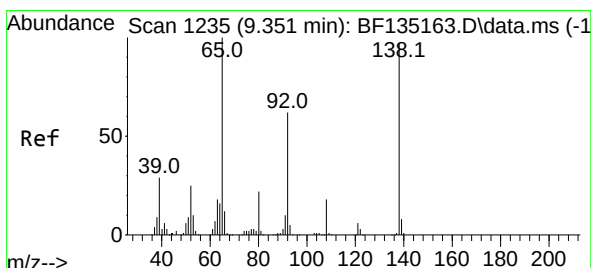
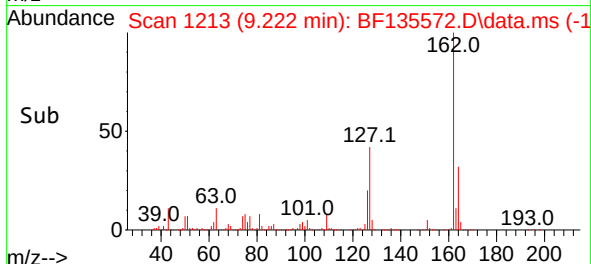
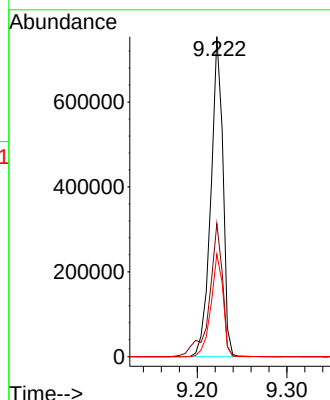
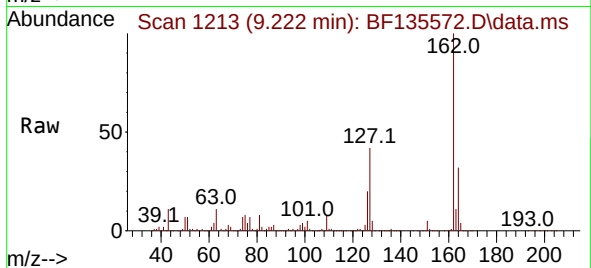
Tgt Ion:	162	Resp:	70339
Ion Ratio	Lower	Upper	
162	100		
127	41.6	32.6	48.8
164	32.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#48

2-Nitroaniline

Concen: 50.907 ng

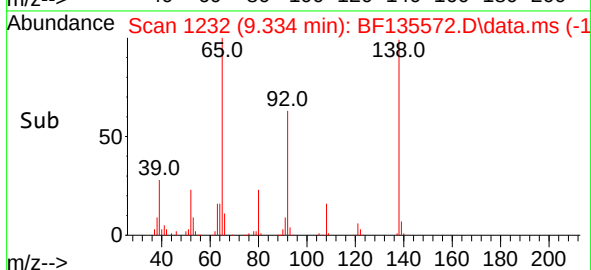
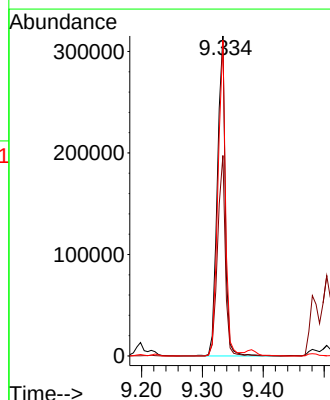
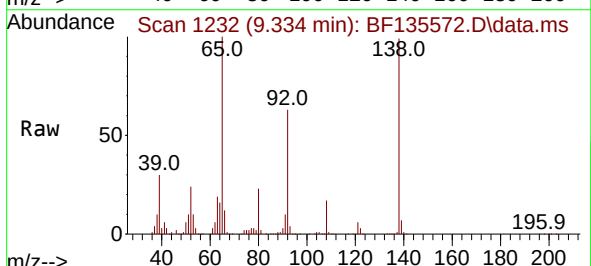
RT: 9.334 min Scan# 1232

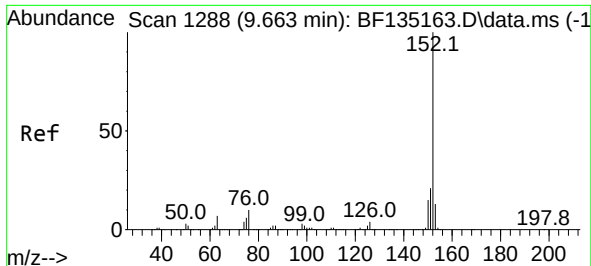
Delta R.T. 0.006 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

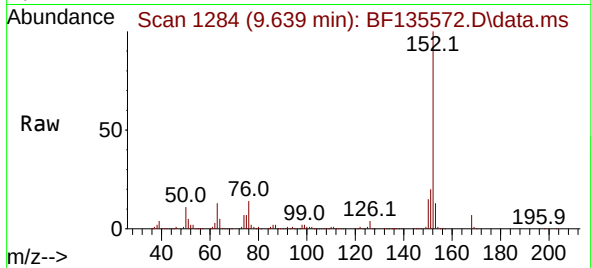
Tgt Ion:	65	Resp:	282880
Ion Ratio	Lower	Upper	
65	100		
92	62.7	49.4	74.0
138	98.6	77.4	116.0





#49
Acenaphthylene
Concen: 48.088 ng
RT: 9.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

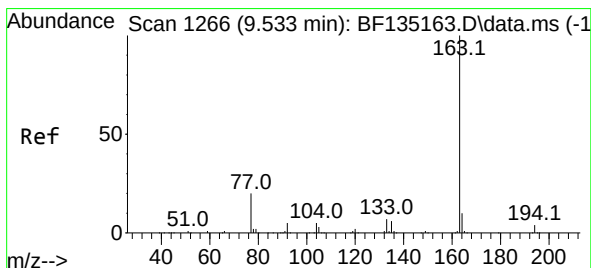
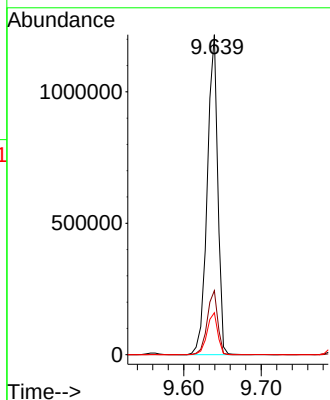
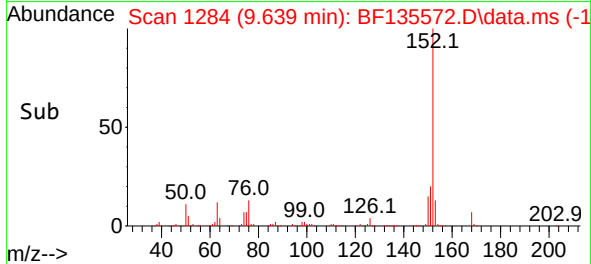
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



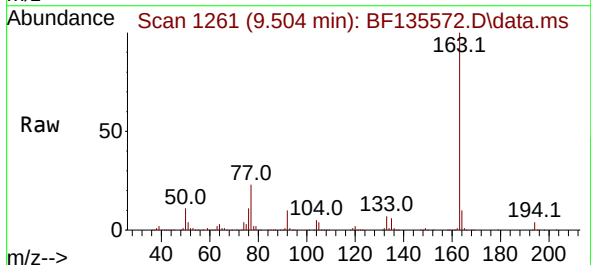
Tgt Ion:152 Resp: 114310
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.1 10.4 15.6

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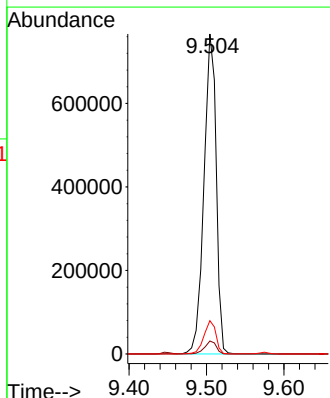
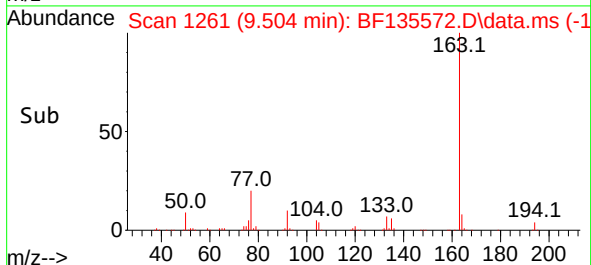
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

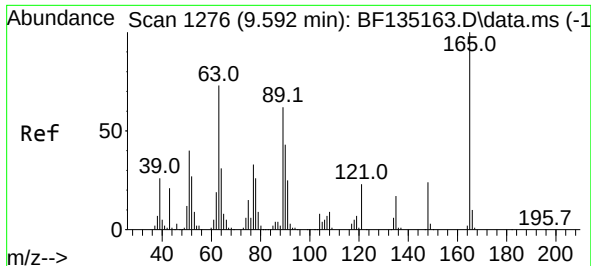


#50
Dimethylphthalate
Concen: 48.474 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



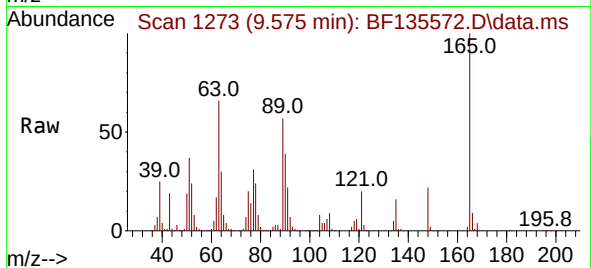
Tgt Ion:163 Resp: 840729
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.685 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

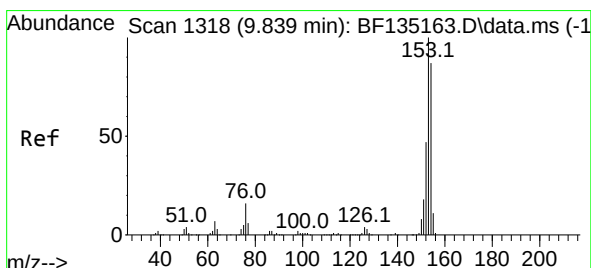
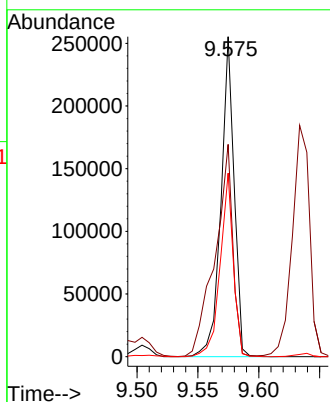
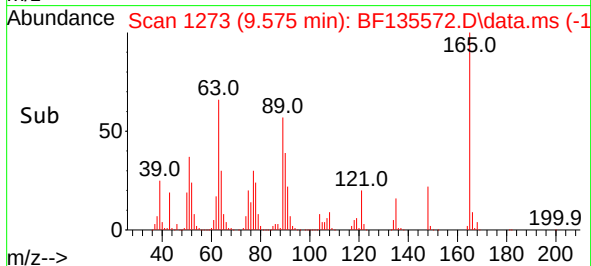
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:165 Resp: 192570
Ion Ratio Lower Upper
165 100
63 66.4 59.4 89.2
89 57.4 49.8 74.8

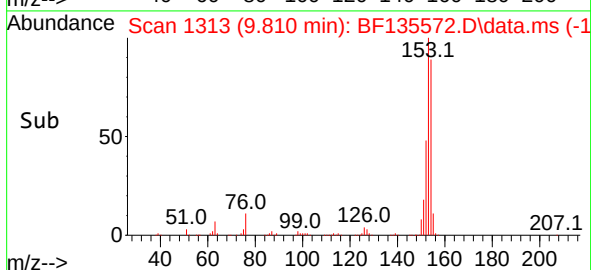
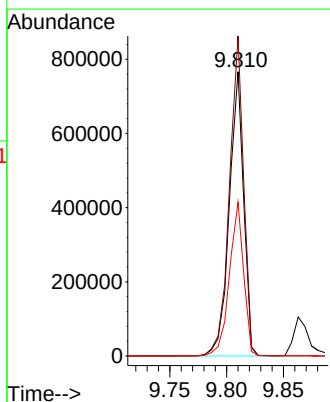
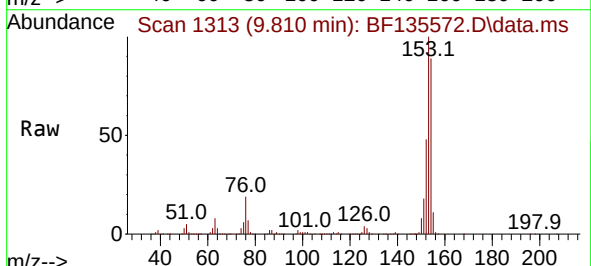
Manual Integrations
APPROVED

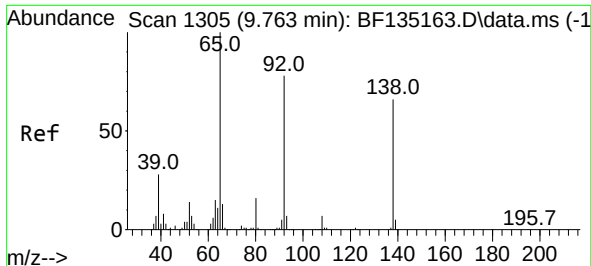
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#52
Acenaphthene
Concen: 47.908 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

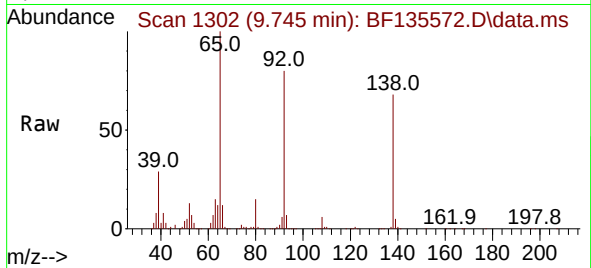
Tgt Ion:154 Resp: 672768
Ion Ratio Lower Upper
154 100
153 112.5 92.1 138.1
152 54.0 43.1 64.7





#53
3-Nitroaniline
Concen: 33.261 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

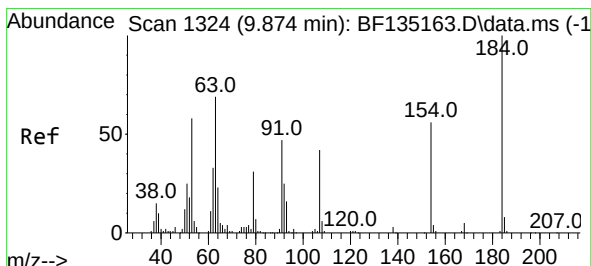
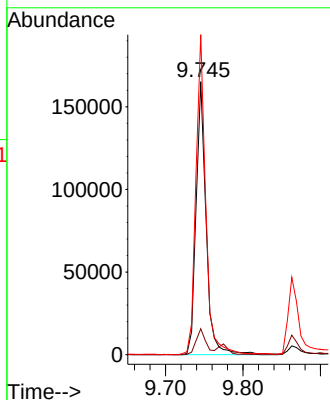
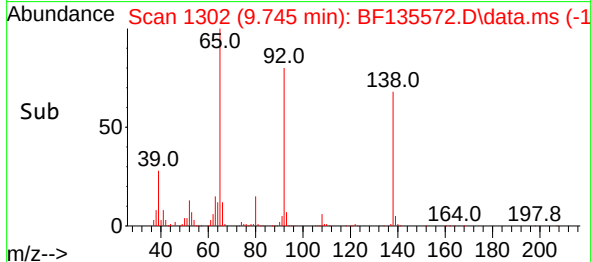
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:138 Resp: 14834
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 117.2 95.4 143.0

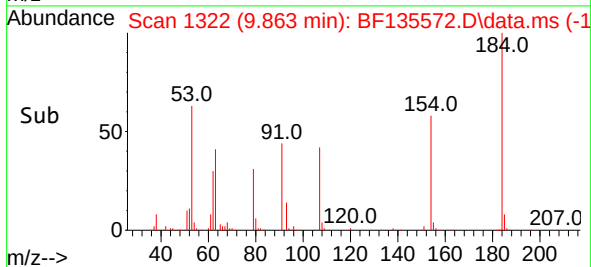
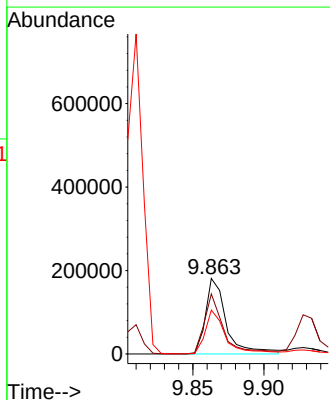
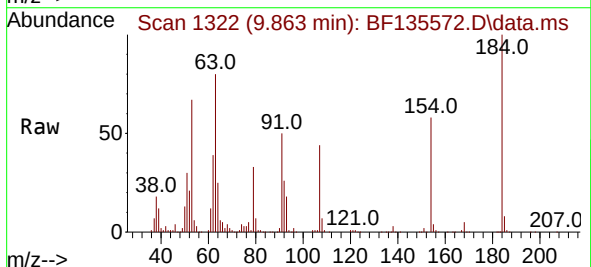
Manual Integrations
APPROVED

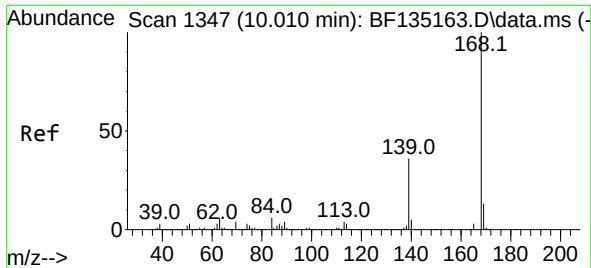
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#54
2,4-Dinitrophenol
Concen: 84.717 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

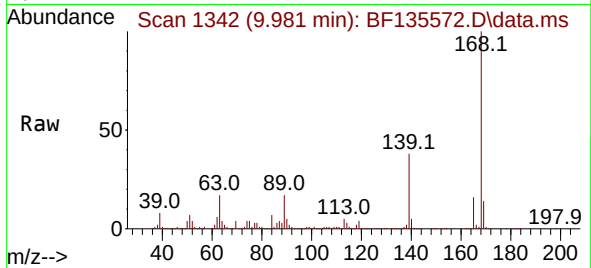
Tgt Ion:184 Resp: 183590
Ion Ratio Lower Upper
184 100
63 79.5 55.1 82.7
154 58.1 48.4 72.6





#55
Dibenzenofuran
Concen: 44.606 ng
RT: 9.981 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

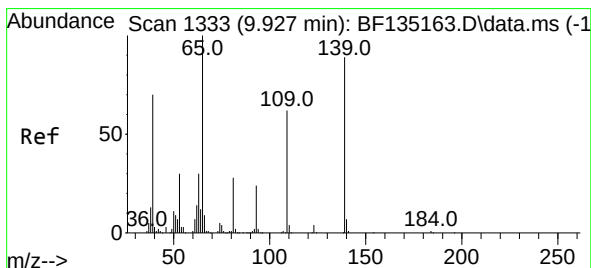
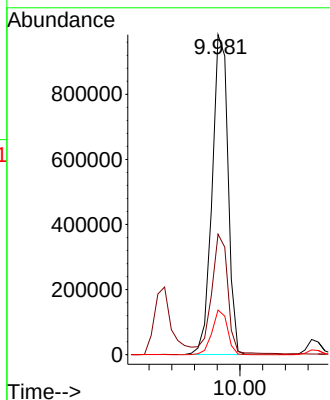
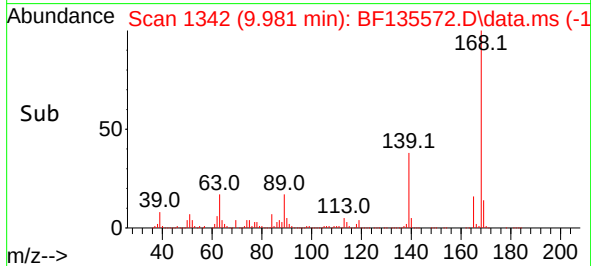
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:168 Resp: 95587
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.6
169 13.9 10.4 15.6

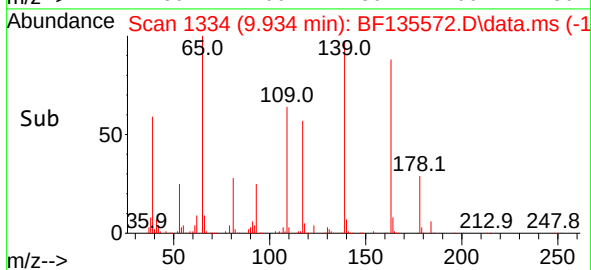
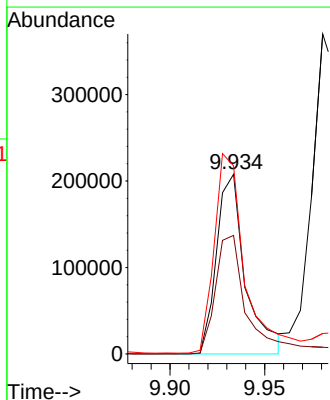
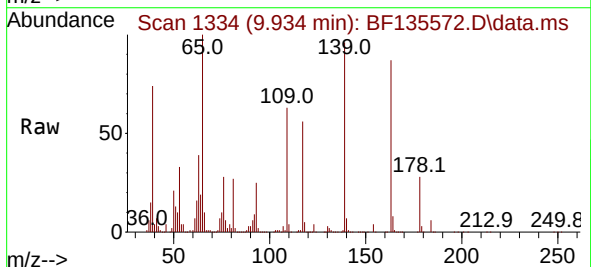
Manual Integrations
APPROVED

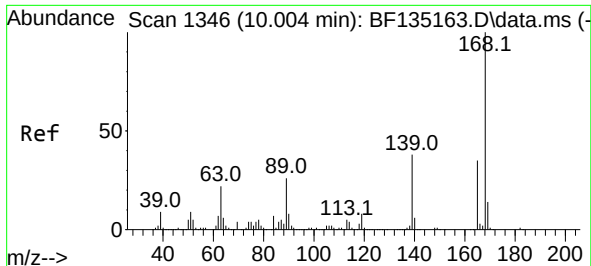
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#56
4-Nitrophenol
Concen: 78.018 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

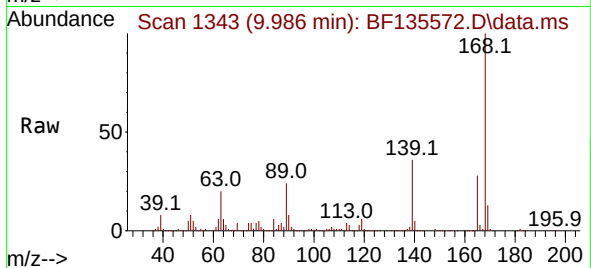
Tgt Ion:139 Resp: 221143
Ion Ratio Lower Upper
139 100
109 66.0 49.8 89.8
65 104.7 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 46.320 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

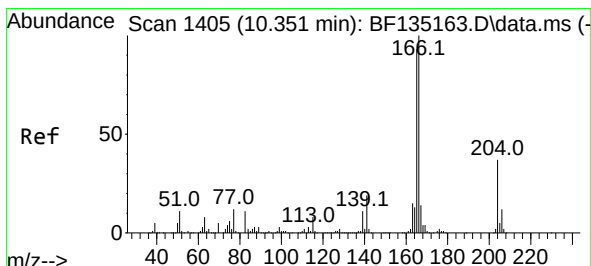
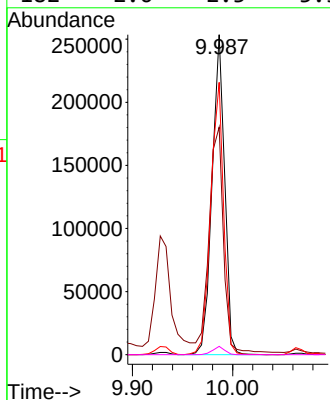
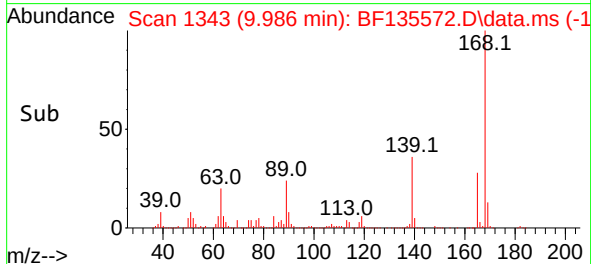
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



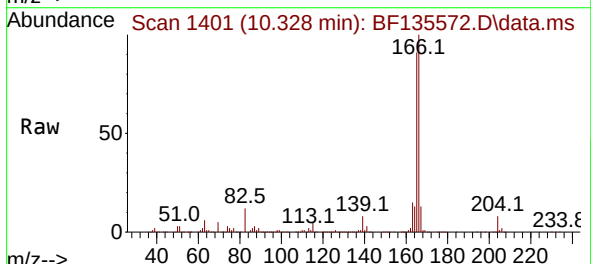
Tgt Ion:165 Resp: 22032
Ion Ratio Lower Upper
165 100
63 71.1 50.1 75.1
89 85.1 59.3 88.9
182 2.6 2.3 3.5

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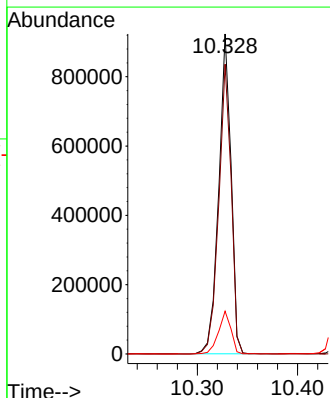
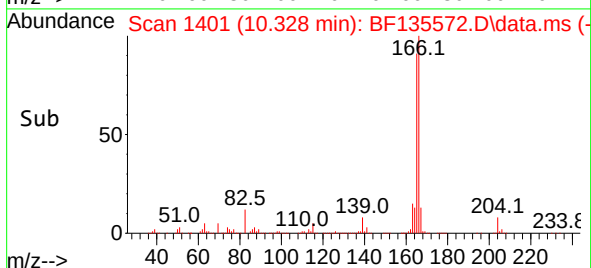
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

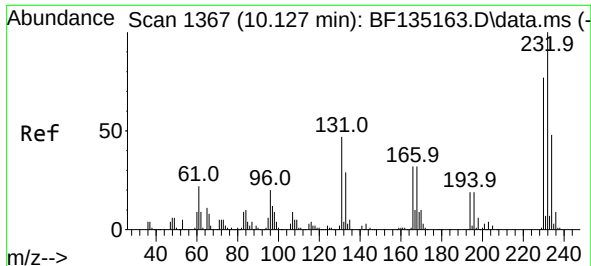


#58
Fluorene
Concen: 47.616 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



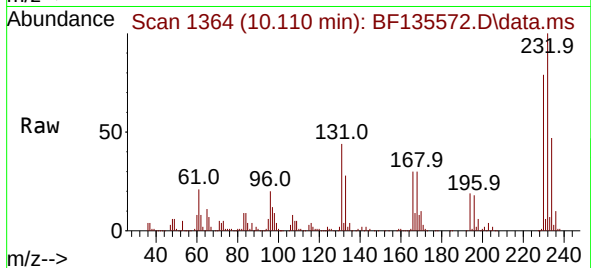
Tgt Ion:166 Resp: 784412
Ion Ratio Lower Upper
166 100
165 90.5 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

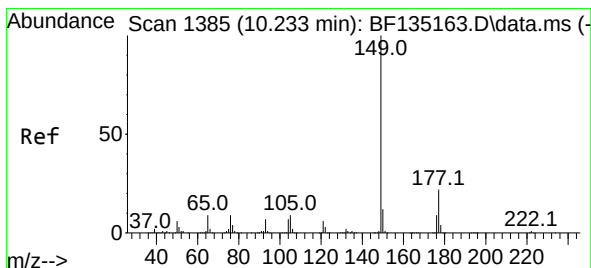
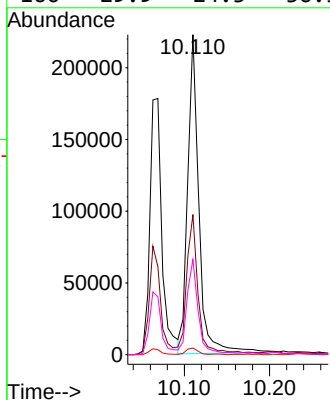
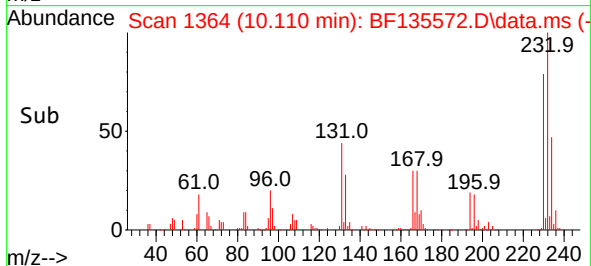
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:232 Resp: 202590
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.4 1.8 2.8
166 29.9 24.3 36.5

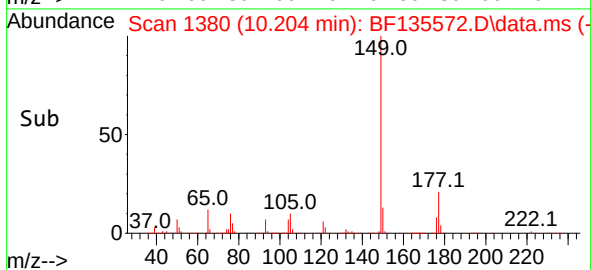
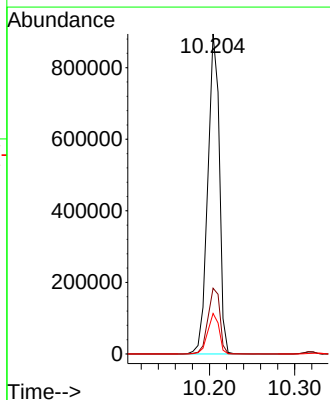
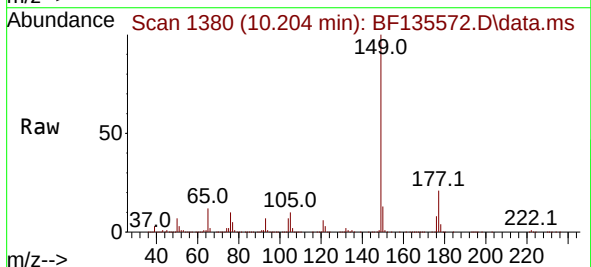
Manual Integrations
APPROVED

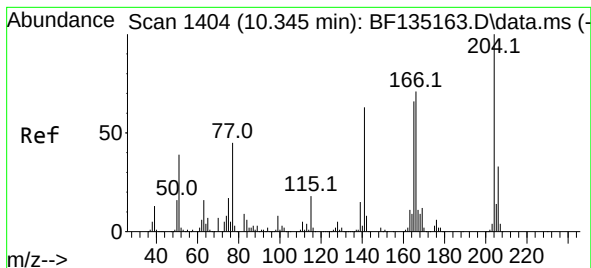
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#60
Diethylphthalate
Concen: 48.497 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

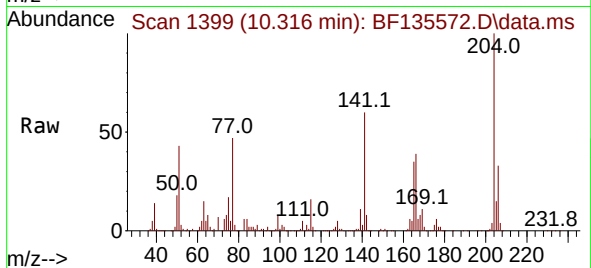
Tgt Ion:149 Resp: 844143
Ion Ratio Lower Upper
149 100
177 20.5 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.467 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

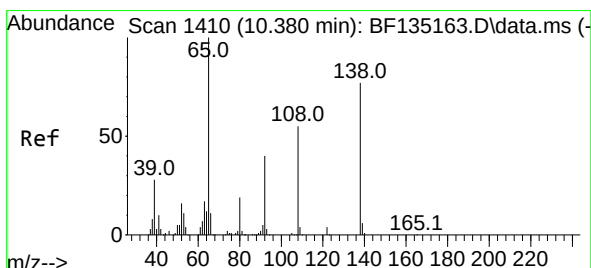
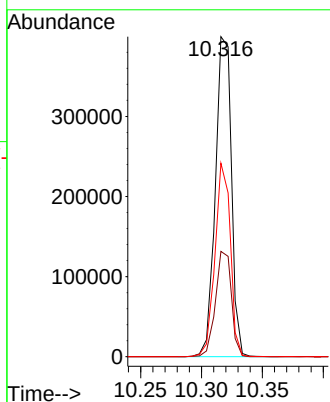
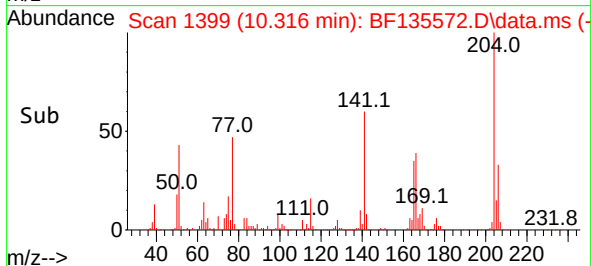
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



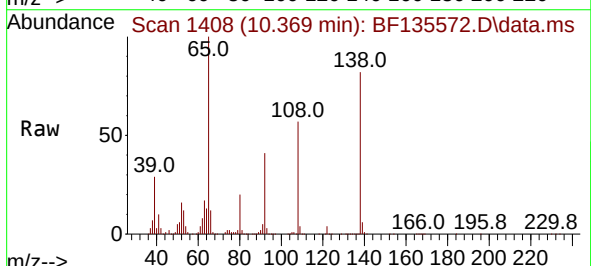
Tgt Ion:204 Resp: 36771
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.5 50.6 75.8

Manual Integrations
APPROVED

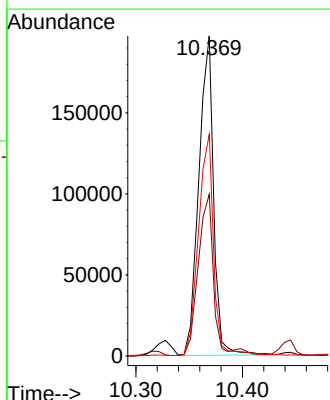
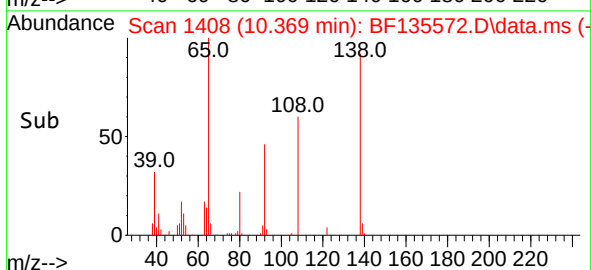
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

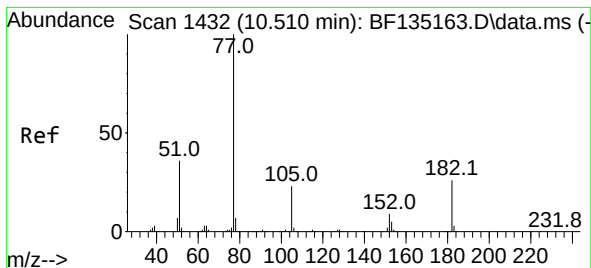


#62
4-Nitroaniline
Concen: 44.453 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



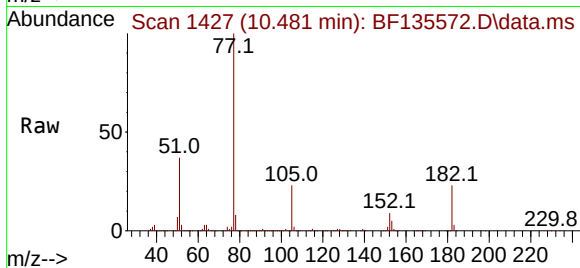
Tgt Ion:138 Resp: 190575
Ion Ratio Lower Upper
138 100
92 50.5 31.8 71.8
108 69.3 52.0 92.0





#63
Azobenzene
Concen: 49.429 ng
RT: 10.481 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

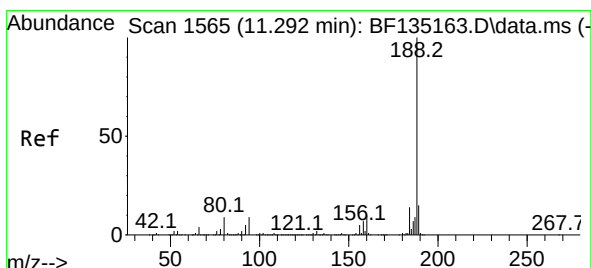
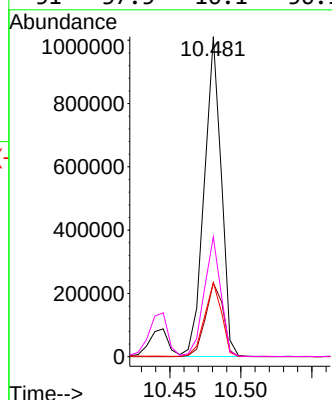
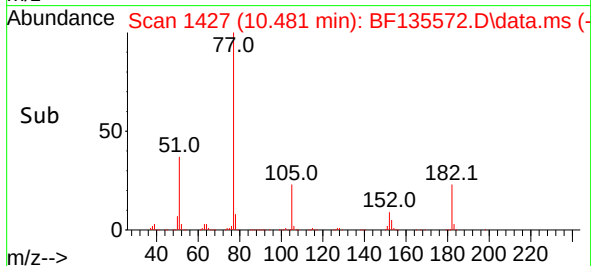
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



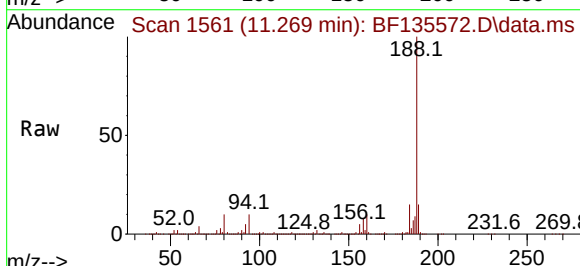
Tgt Ion: 77 Resp: 842030
Ion Ratio Lower Upper
77 100
182 23.0 6.4 46.4
105 23.1 3.1 43.1
51 37.5 16.1 56.1

Manual Integrations
APPROVED

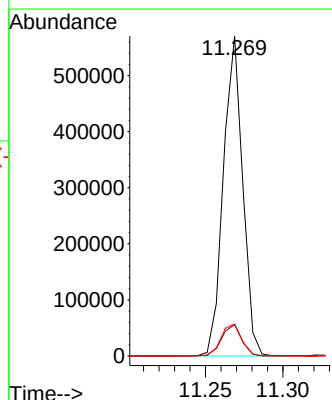
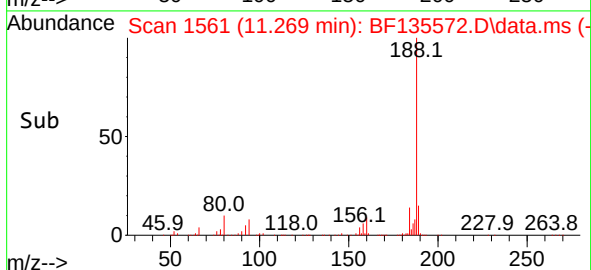
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

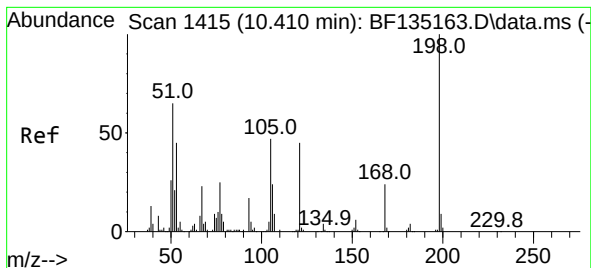


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



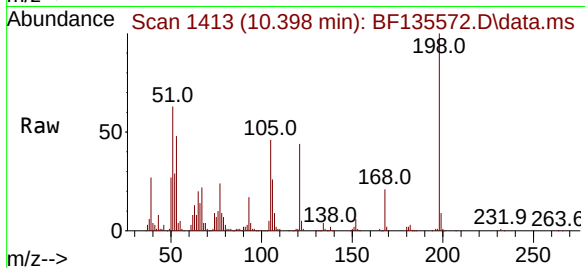
Tgt Ion:188 Resp: 493783
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.000 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

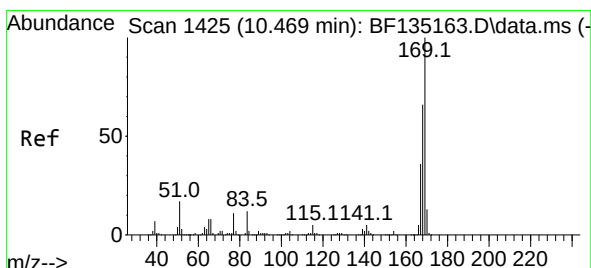
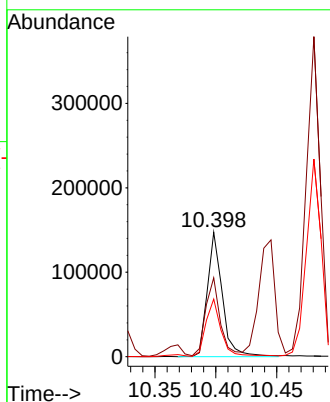
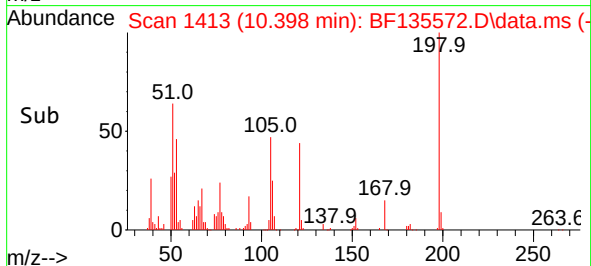
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



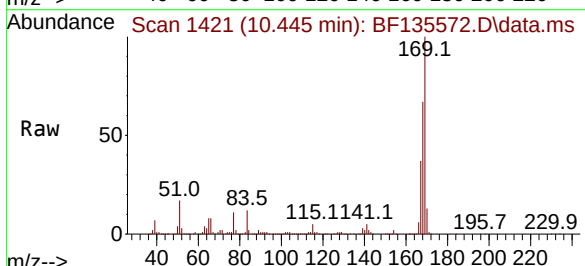
Tgt Ion:198 Resp: 125881
Ion Ratio Lower Upper
198 100
51 63.4 47.7 87.7
105 46.2 27.4 67.4

Manual Integrations
APPROVED

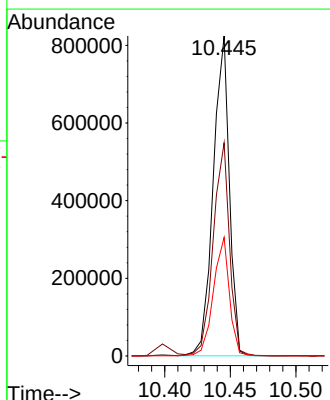
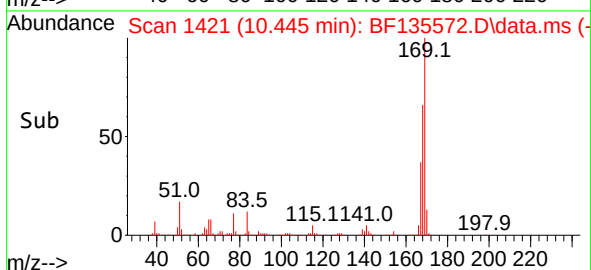
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

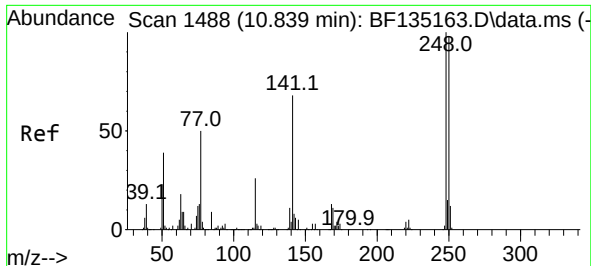


#66
n-Nitrosodiphenylamine
Concen: 47.084 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



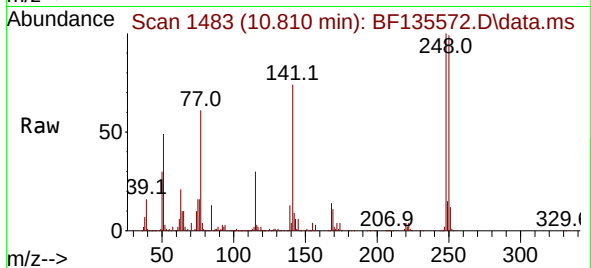
Tgt Ion:169 Resp: 703866
Ion Ratio Lower Upper
169 100
168 66.6 52.8 79.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.122 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

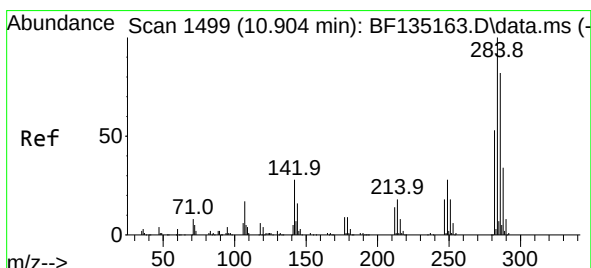
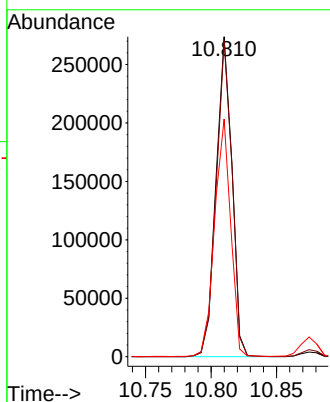
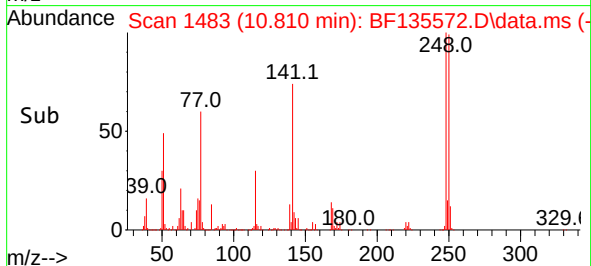
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion:248 Resp: 231419
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 74.3 54.2 81.2

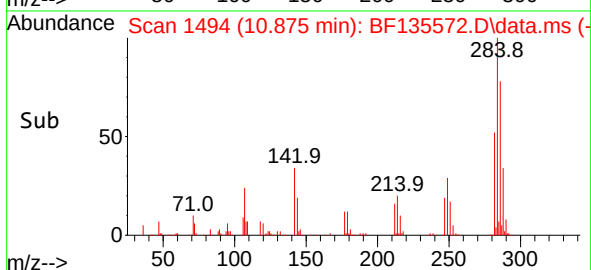
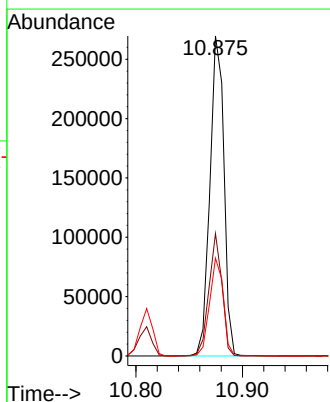
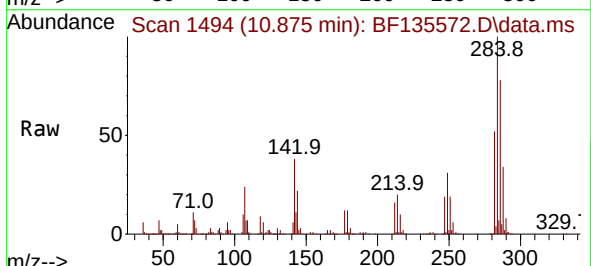
Manual Integrations
APPROVED

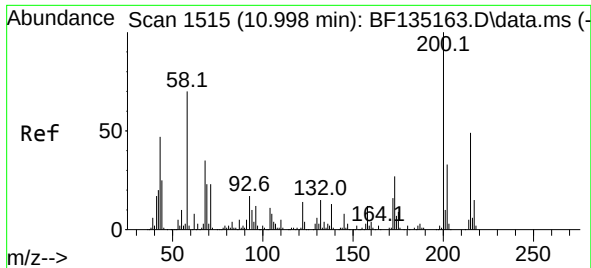
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#68
Hexachlorobenzene
Concen: 49.231 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

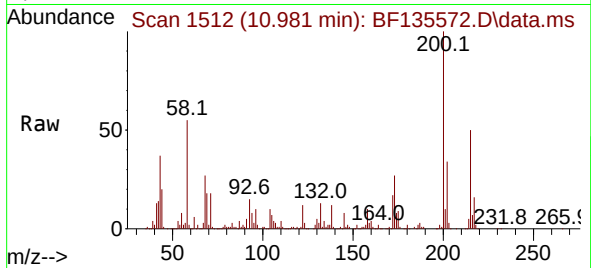
Tgt Ion:284 Resp: 246312
Ion Ratio Lower Upper
284 100
142 38.3 22.2 33.4#
249 30.5 22.5 33.7





#69
 Atrazine
 Concen: 52.155 ng
 RT: 10.981 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF135572.D
 Acq: 04 Oct 2023 15:34

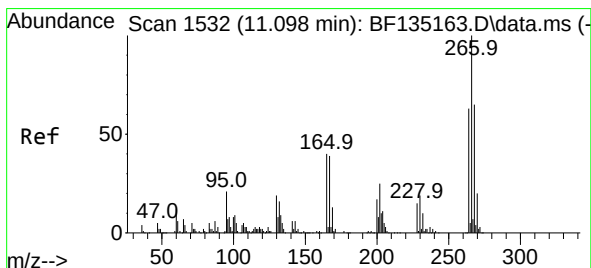
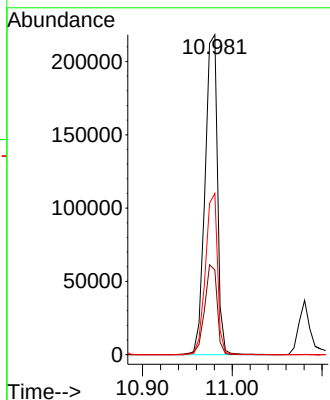
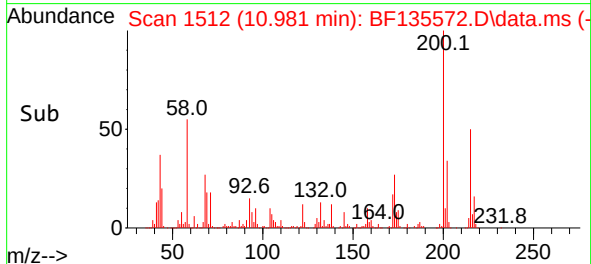
Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MS



Tgt Ion:200 Resp: 209788
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.4 47.4
 215 50.4 28.6 68.6

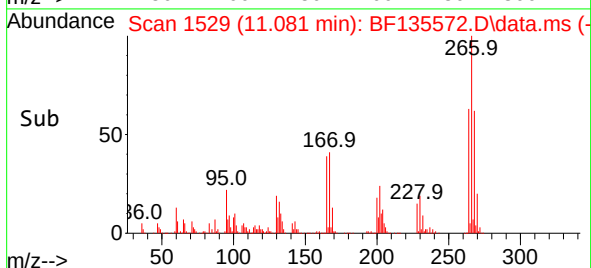
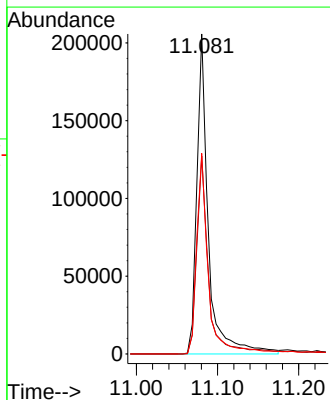
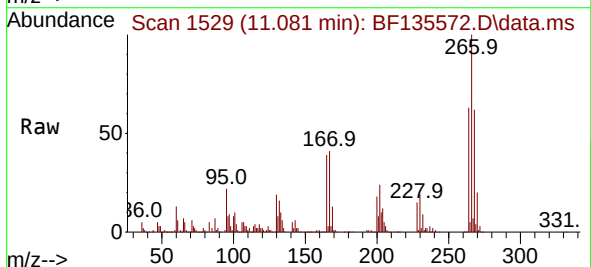
Manual Integrations
 APPROVED

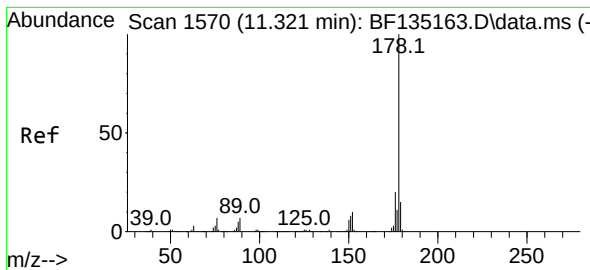
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#70
 Pentachlorophenol
 Concen: 67.941 ng
 RT: 11.081 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BF135572.D
 Acq: 04 Oct 2023 15:34

Tgt Ion:266 Resp: 203376
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.1 78.1
 264 62.7 50.8 76.2





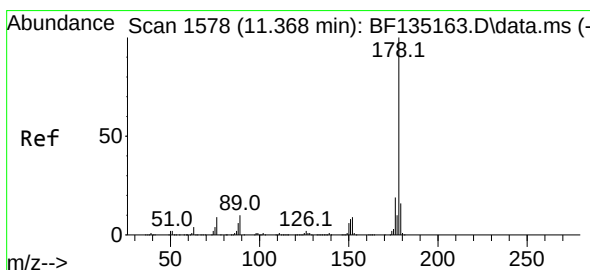
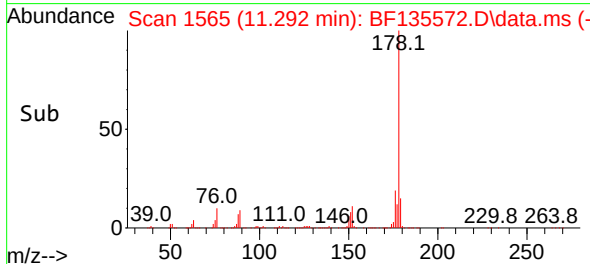
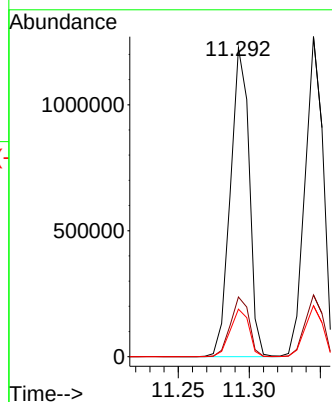
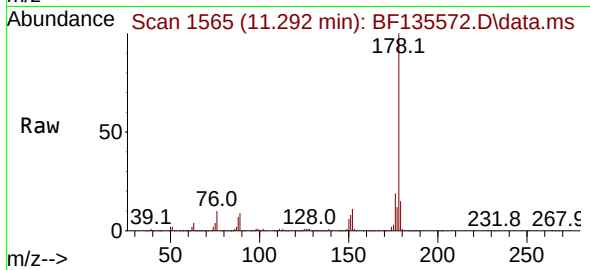
#71
Phenanthrene
Concen: 48.292 ng
RT: 11.292 min Scan# 112779
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS

Tgt Ion:178 Resp: 112779
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 12.0 18.0

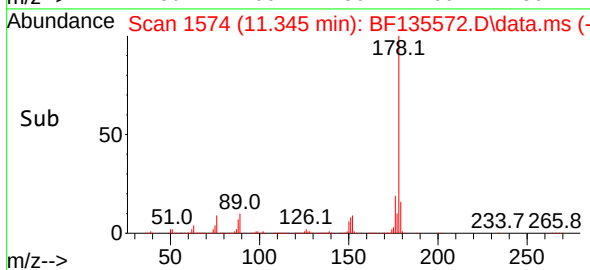
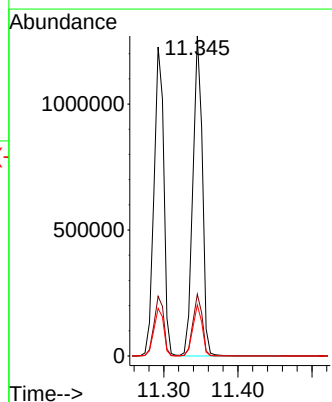
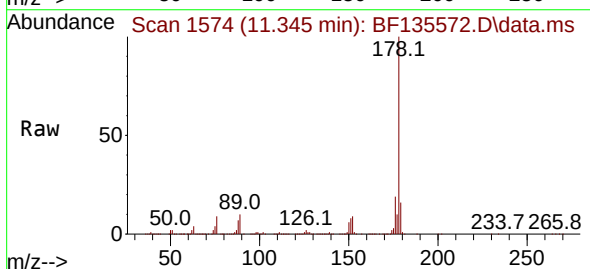
Manual Integrations
APPROVED

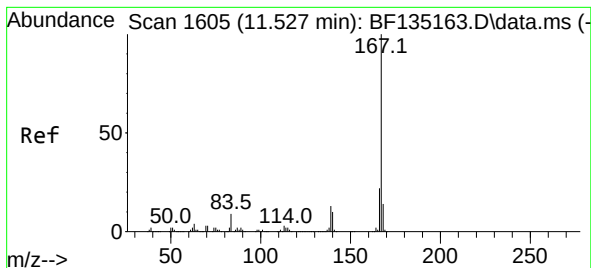
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Anthracene
Concen: 46.995 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

Tgt Ion:178 Resp: 1128122
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.9 12.6 19.0





#73

Carbazole

Concen: 47.186 ng

RT: 11.510 min Scan# 1031129

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS

Tgt Ion:167 Resp: 1031129

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

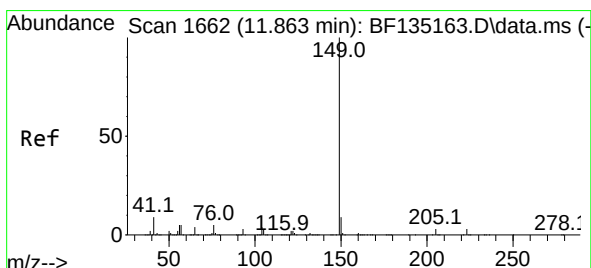
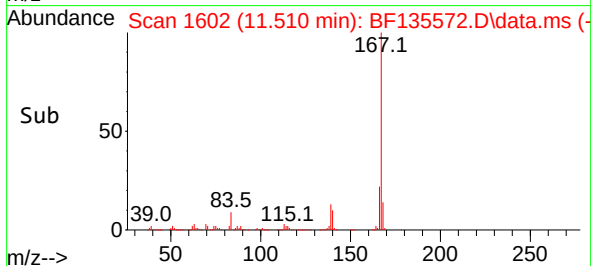
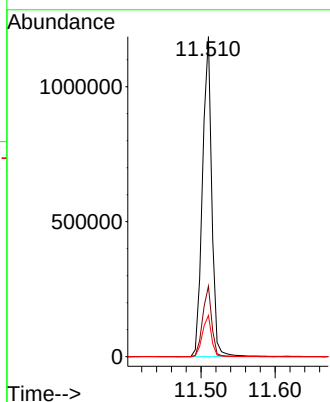
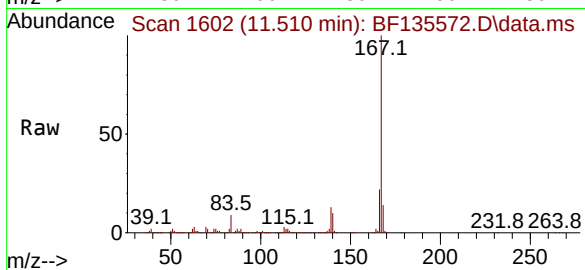
139 12.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#74

Di-n-butylphthalate

Concen: 51.607 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

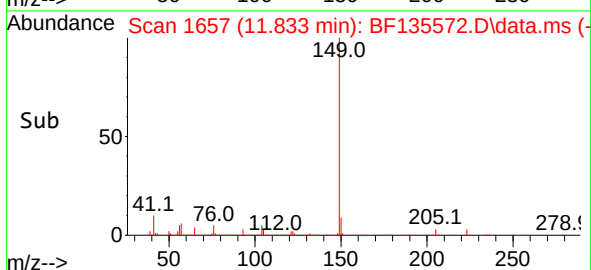
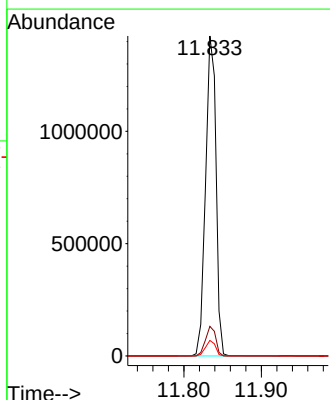
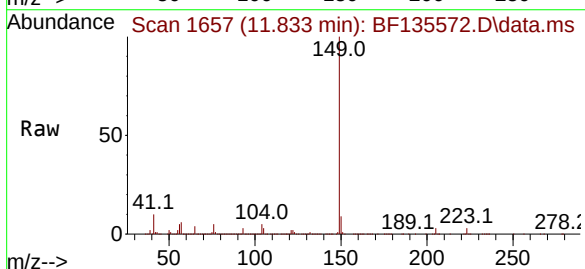
Tgt Ion:149 Resp: 1328872

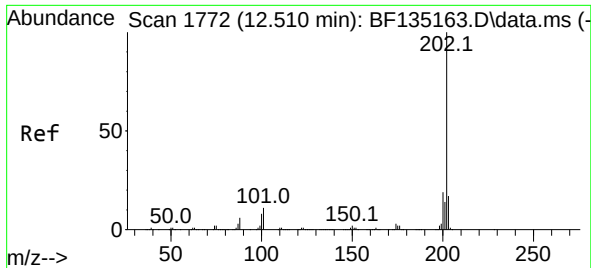
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

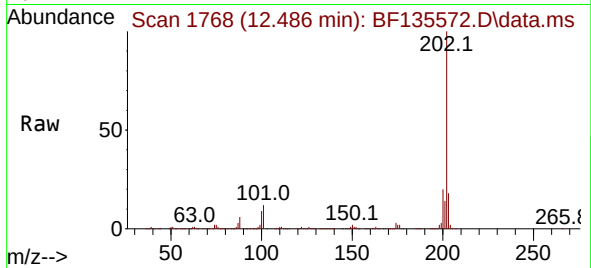
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 48.732 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

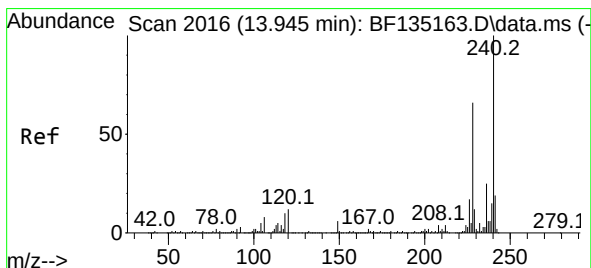
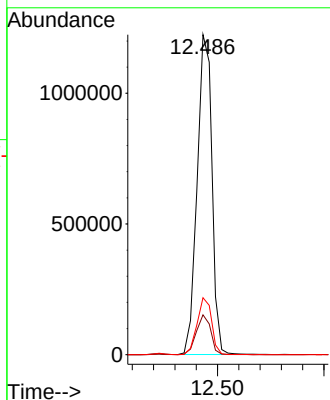
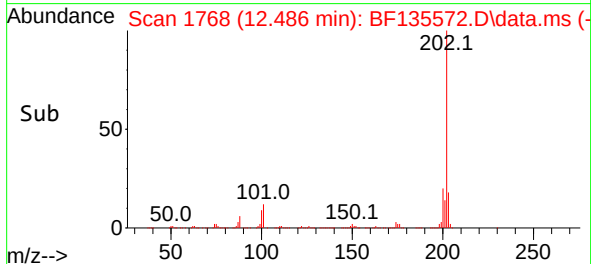
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



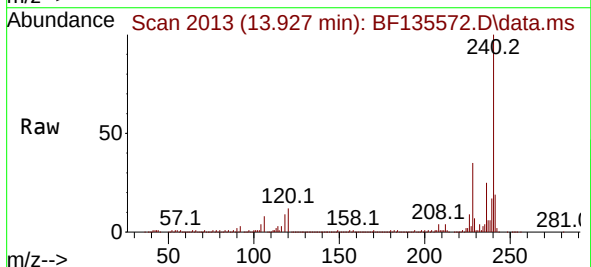
Tgt Ion:202 Resp: 1185870
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.3
203 17.8 0.0 37.4

Manual Integrations
APPROVED

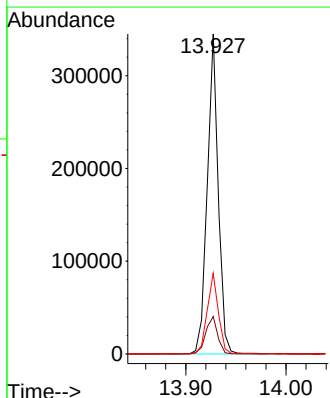
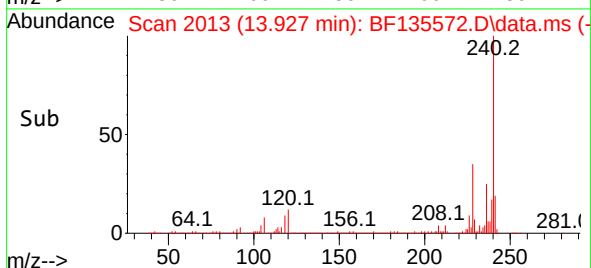
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

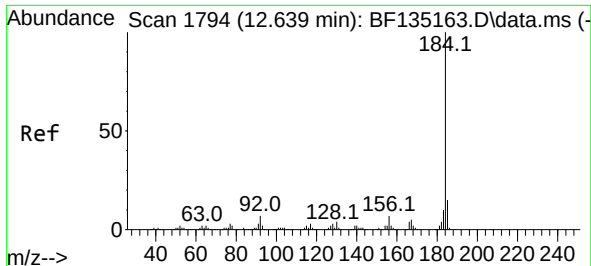


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



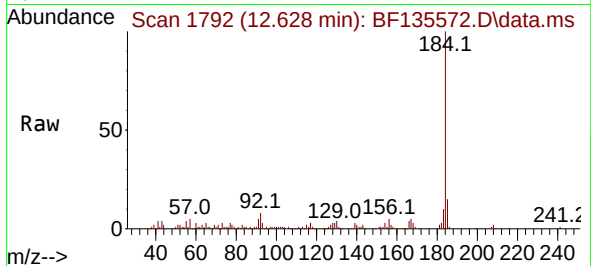
Tgt Ion:240 Resp: 263807
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.2 19.8 29.8





#77
Benzidine
Concen: 18.940 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

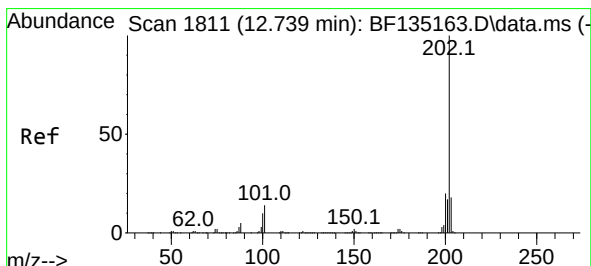
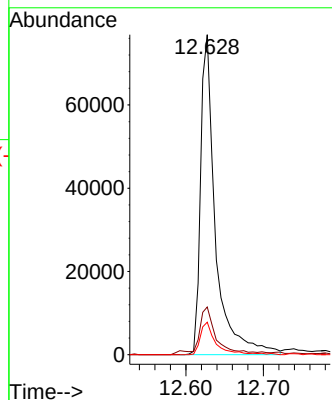
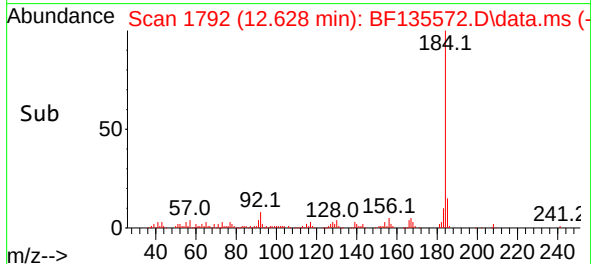
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



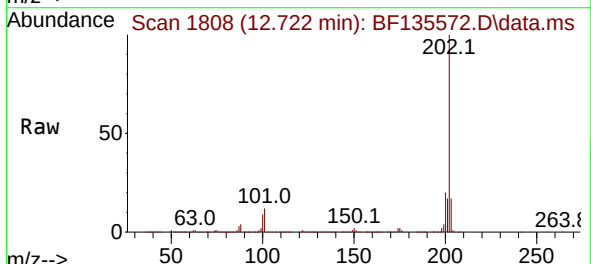
Tgt Ion:184 Resp: 10236
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 10.1 8.2 12.4

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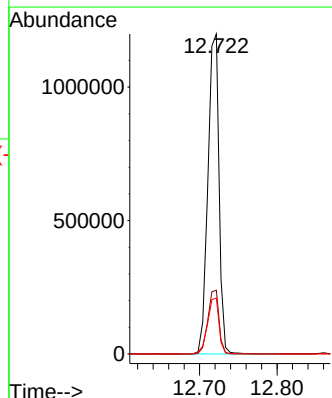
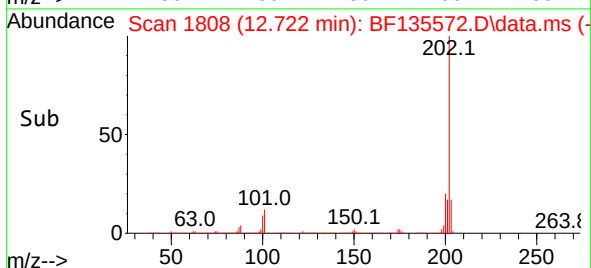
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

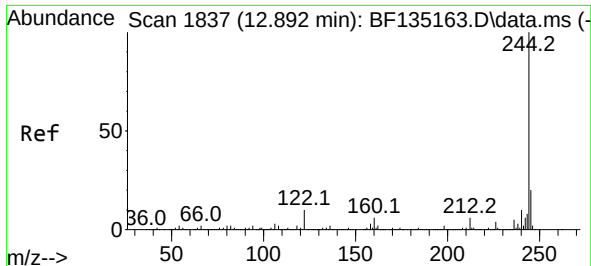


#78
Pyrene
Concen: 47.491 ng
RT: 12.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



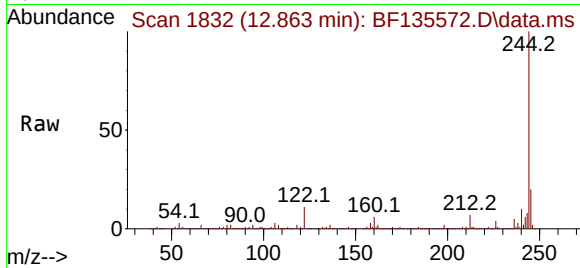
Tgt Ion:202 Resp: 1192807
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 57.892 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135572.D
 Acq: 04 Oct 2023 15:34

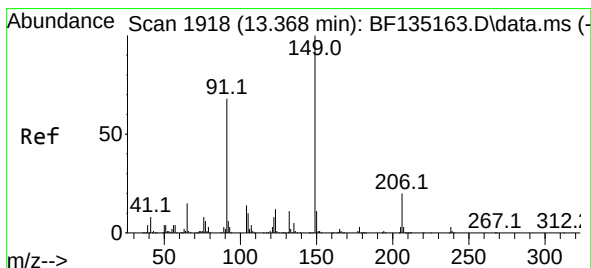
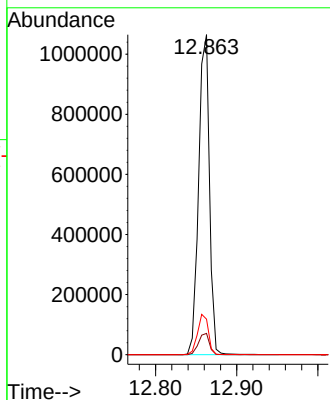
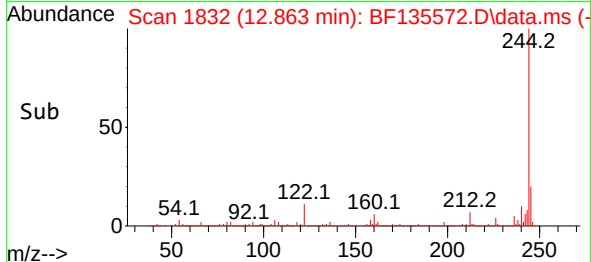
Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03MS



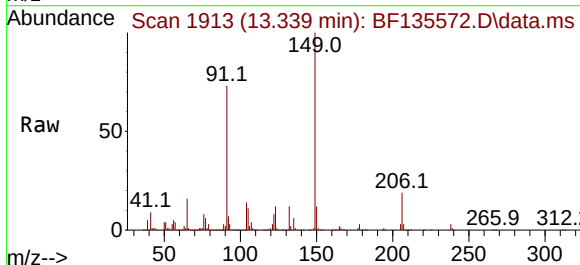
Tgt Ion:244 Resp: 98519
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.1 7.9 11.9

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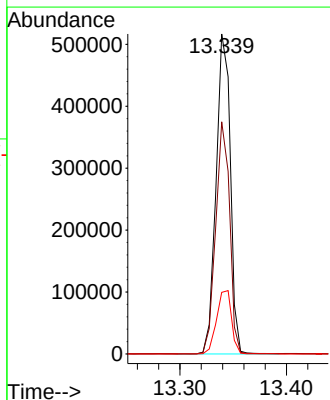
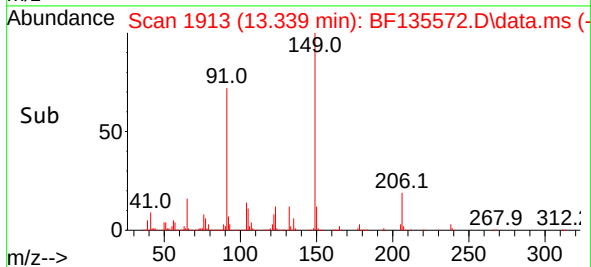
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

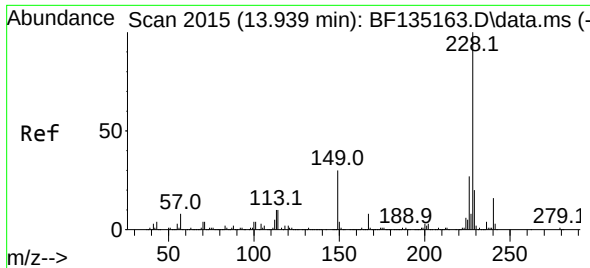


#80
 Butylbenzylphthalate
 Concen: 54.056 ng
 RT: 13.339 min Scan# 1913
 Delta R.T. 0.000 min
 Lab File: BF135572.D
 Acq: 04 Oct 2023 15:34



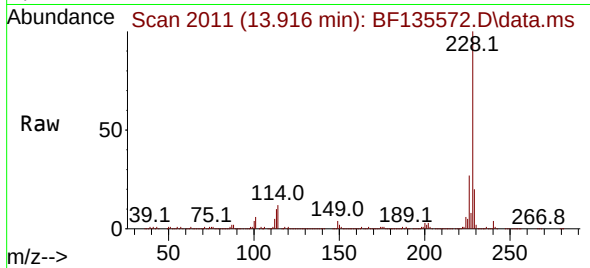
Tgt Ion:149 Resp: 478019
 Ion Ratio Lower Upper
 149 100
 91 72.5 54.7 82.1
 206 19.3 16.3 24.5





#81
Benzo(a)anthracene
Concen: 48.144 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

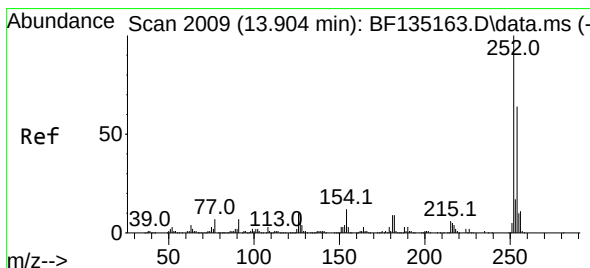
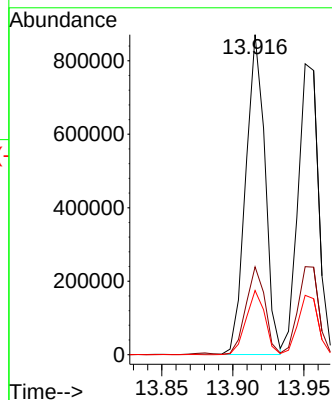
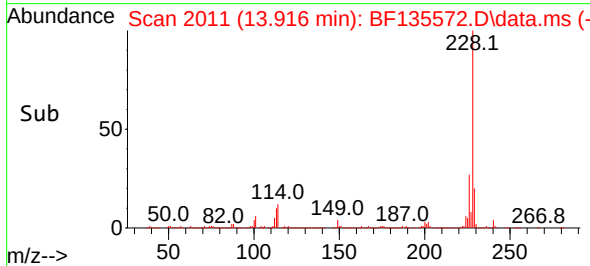
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



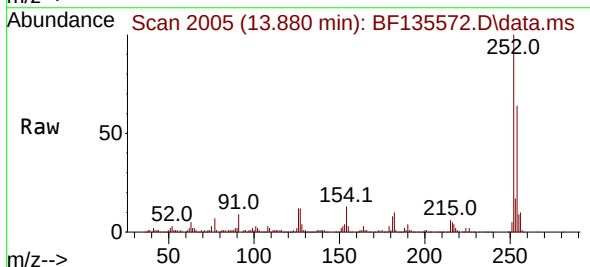
Tgt Ion:228 Resp: 820110
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.1 15.8 23.8

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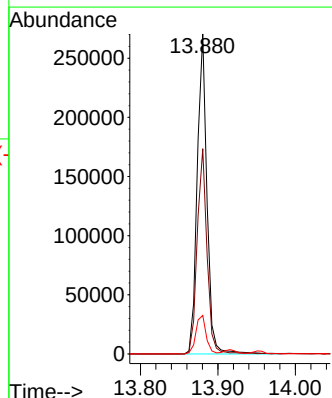
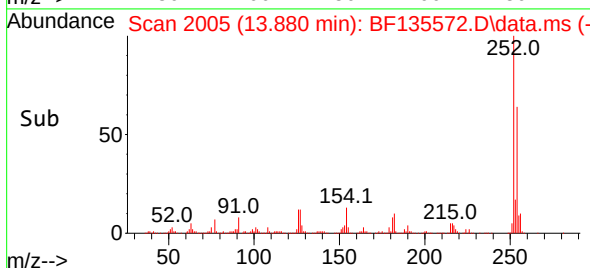
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

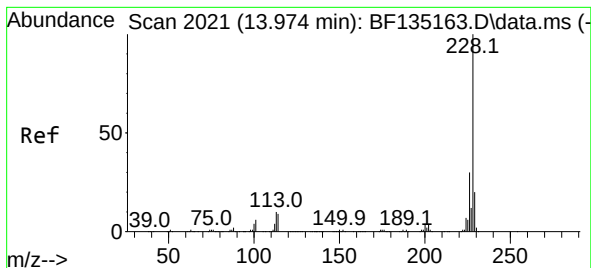


#82
3,3'-Dichlorobenzidine
Concen: 44.607 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



Tgt Ion:252 Resp: 237350
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 12.1 7.8 11.8





#83

Chrysene

Concen: 47.040 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03MS

Tgt Ion:228 Resp: 796690

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

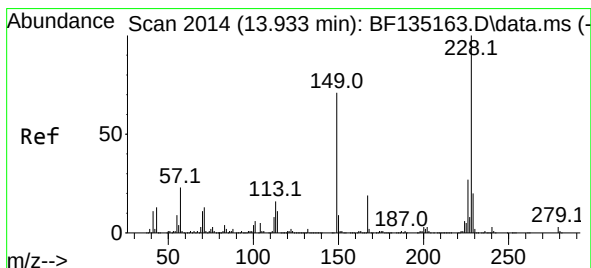
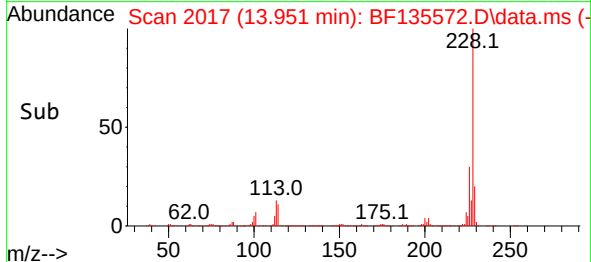
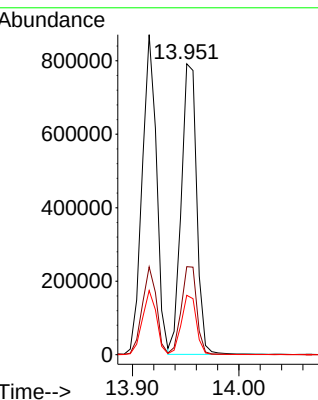
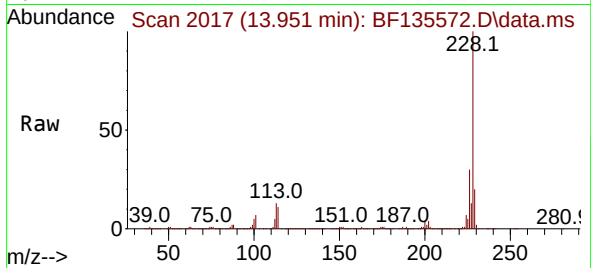
229 20.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.780 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135572.D

Acq: 04 Oct 2023 15:34

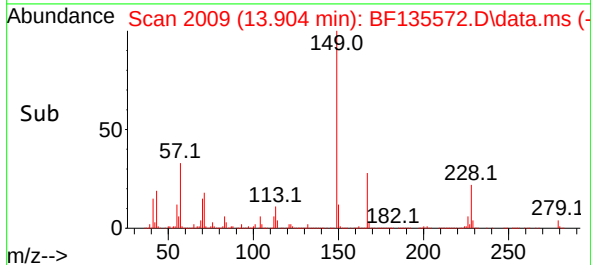
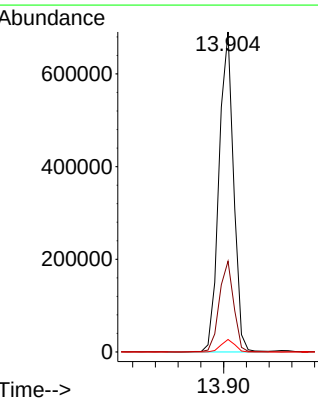
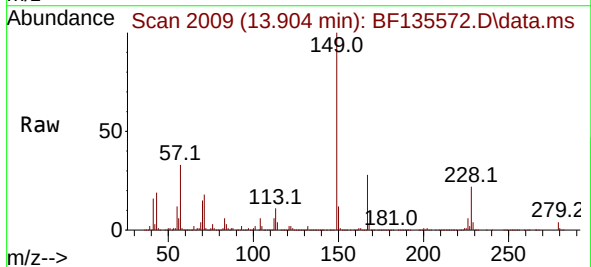
Tgt Ion:149 Resp: 615071

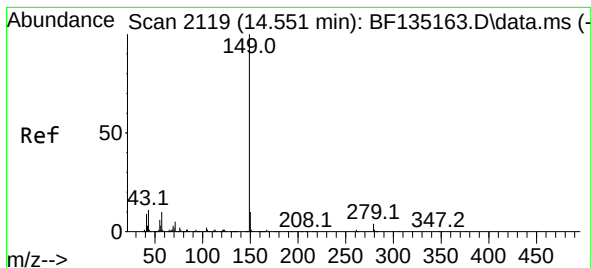
Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

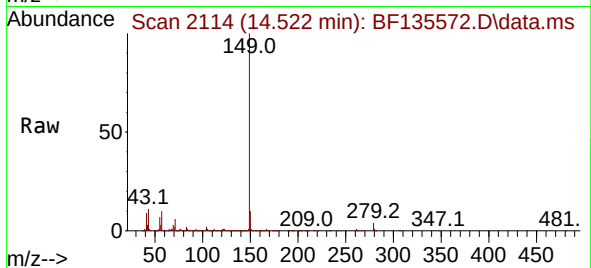
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 64.203 ng
RT: 14.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

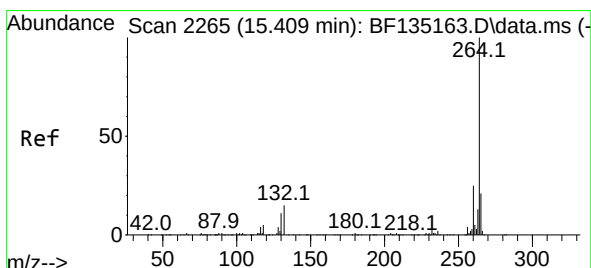
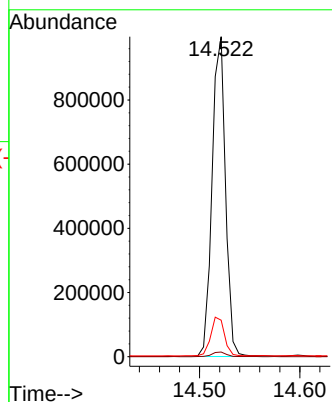
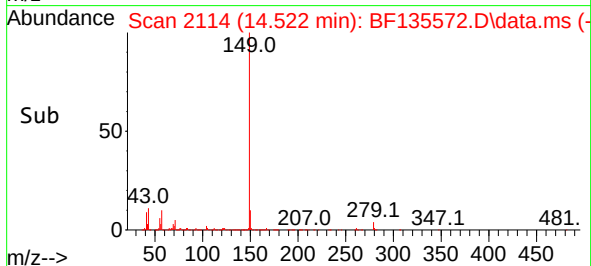
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



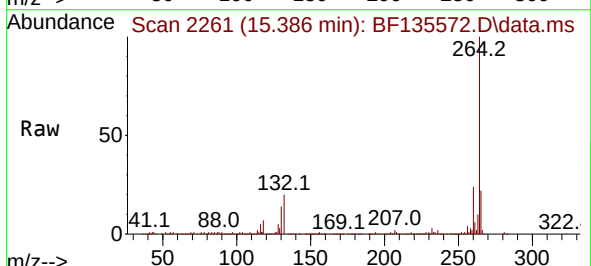
Tgt Ion:149 Resp: 92588
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.3 9.8 14.6

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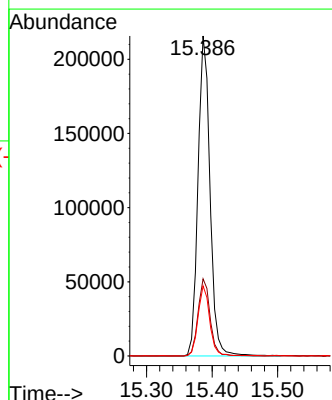
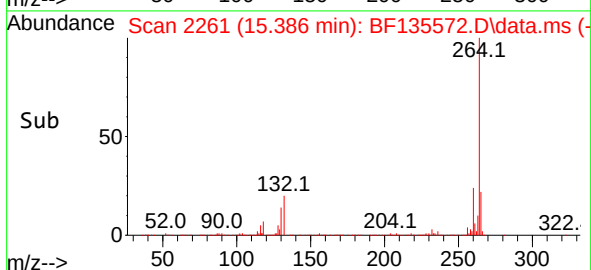
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

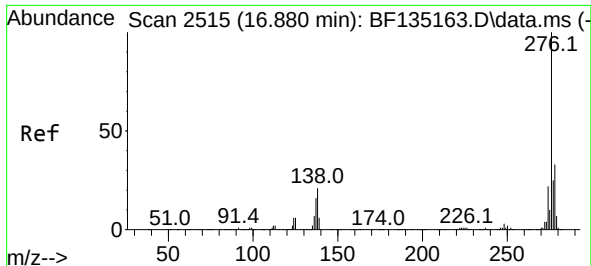


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



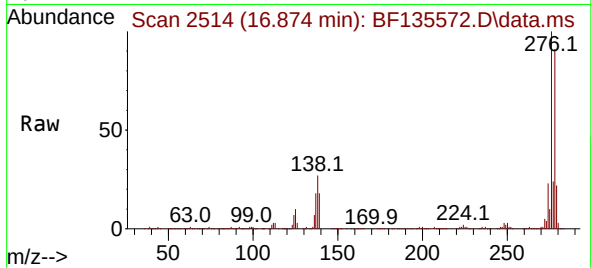
Tgt Ion:264 Resp: 275177
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 21.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.891 ng
RT: 16.874 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

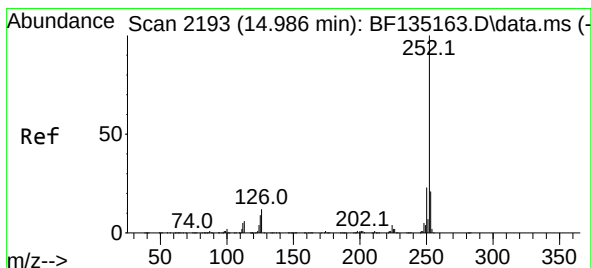
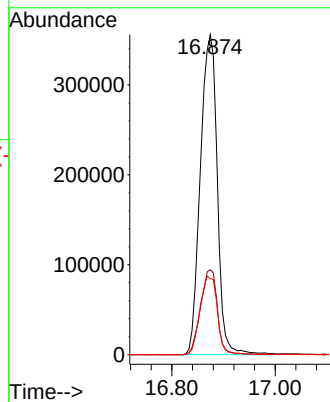
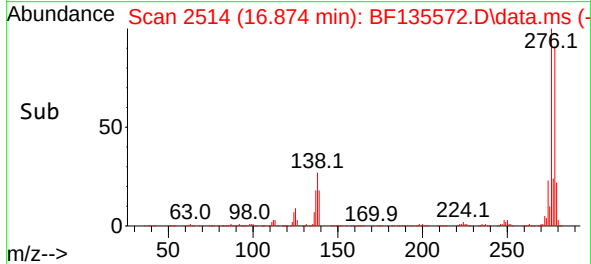
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



Tgt Ion: 276 Resp: 80994
Ion Ratio Lower Upper
276 100
138 26.4 19.2 28.8
277 25.0 19.7 29.5

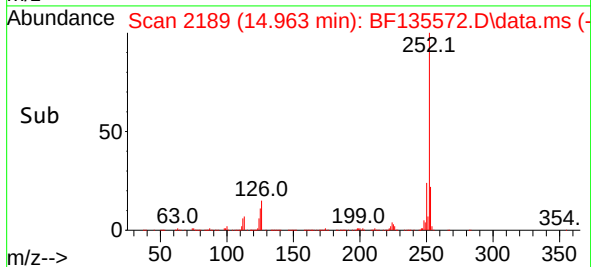
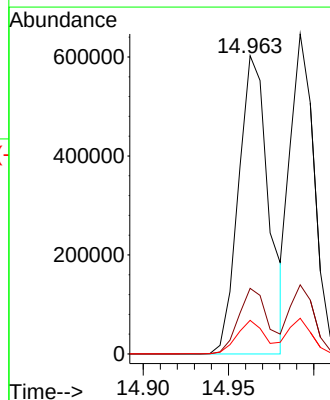
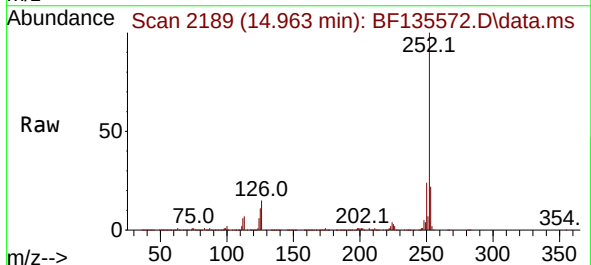
Manual Integrations
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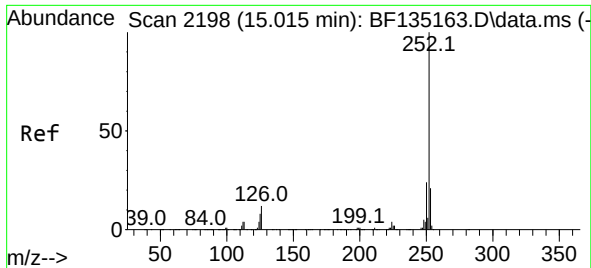
Reviewed By : Yogesh Patel 10/05/2023
Supervised By : mohammad ahmed 10/06/2023



#88
Benzo(b)fluoranthene
Concen: 49.928 ng
RT: 14.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

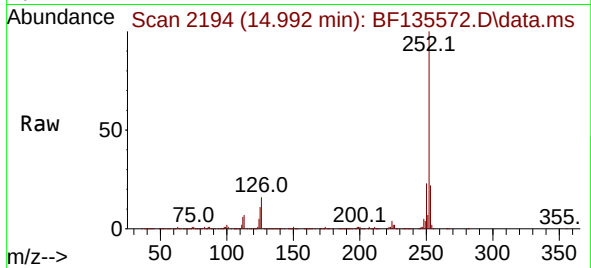
Tgt Ion: 252 Resp: 743739
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.3 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 43.481 ng
RT: 14.992 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

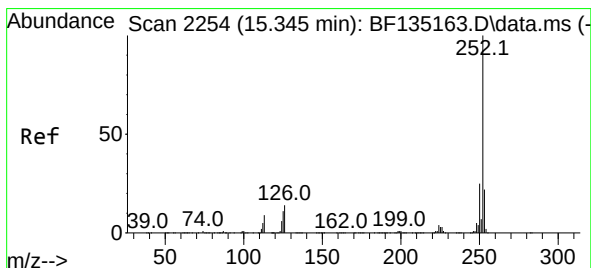
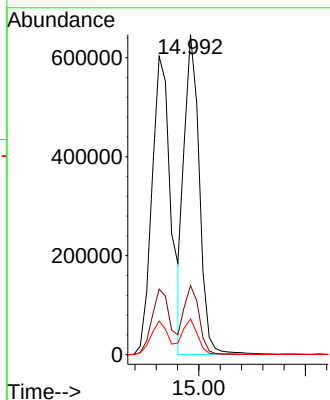
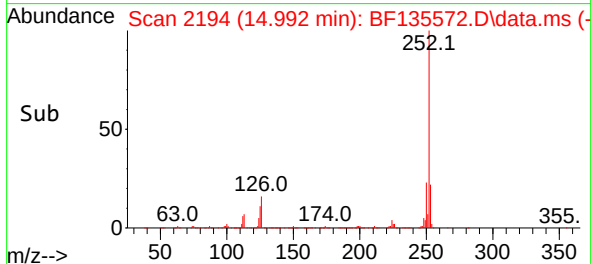
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



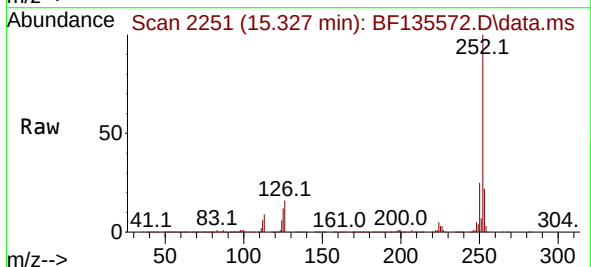
Tgt Ion:252 Resp: 639825
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.1 7.2 10.8

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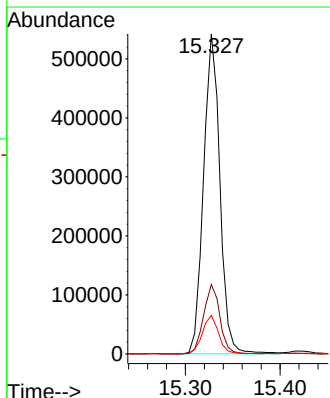
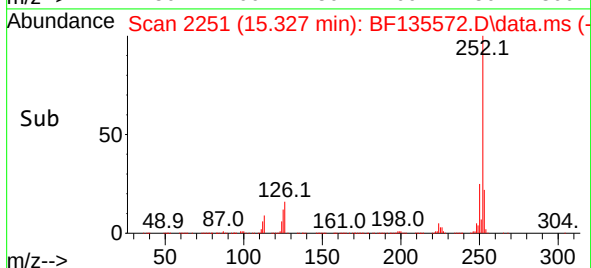
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

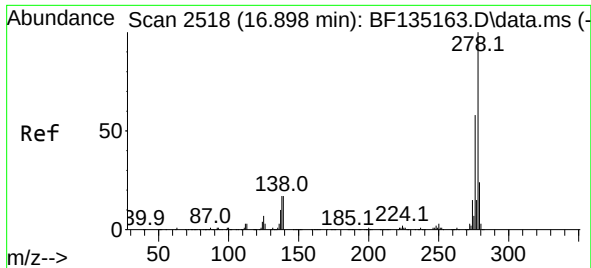


#90
Benzo(a)pyrene
Concen: 45.618 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



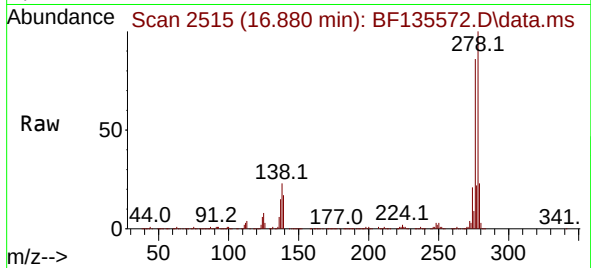
Tgt Ion:252 Resp: 648026
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 12.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 44.678 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34

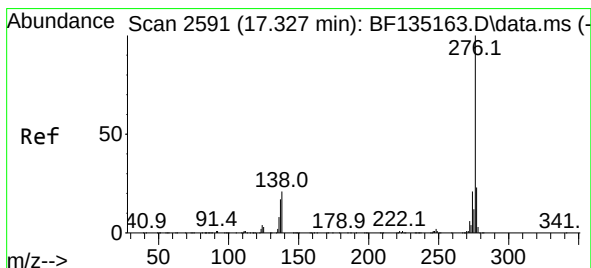
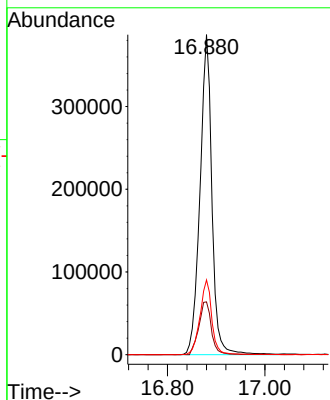
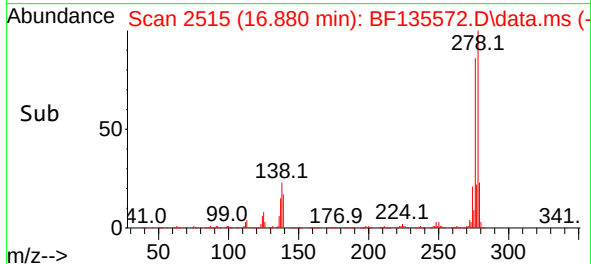
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03MS



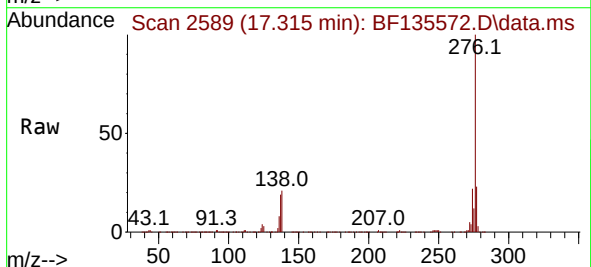
Tgt Ion:278 Resp: 659562
Ion Ratio Lower Upper
278 100
139 16.5 13.4 20.0
279 23.4 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.380 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF135572.D
Acq: 04 Oct 2023 15:34



Tgt Ion:276 Resp: 684231
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.3 16.9 25.3

