

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135574.D
 Acq On : 04 Oct 2023 16:40
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 23:13:41 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	130662	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	511500	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	257607	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	490746	20.000	ng	0.00
76) Chrysene-d12	13.927	240	253112	20.000	ng	0.00
86) Perylene-d12	15.386	264	264746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	621912	77.414	ng	0.00
7) Phenol-d6	6.393	99	783291	76.679	ng	0.00
23) Nitrobenzene-d5	7.310	82	732086	77.759	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	180104	70.353	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1242159	72.749	ng	0.00
79) Terphenyl-d14	12.863	244	1238880	75.876	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.422	88	149420	42.428	ng	96
3) Pyridine	3.163	79	392345	41.394	ng	99
4) n-Nitrosodimethylamine	3.140	42	208373	41.428	ng	99
6) Aniline	6.410	93	501184	37.414	ng	# 83
8) 2-Chlorophenol	6.528	128	334745	39.033	ng	98
9) Benzaldehyde	6.298	77	190420	32.722	ng	98
10) Phenol	6.404	94	427063	38.126	ng	78
11) bis(2-Chloroethyl)ether	6.481	93	338106	40.240	ng	98
12) 1,3-Dichlorobenzene	6.675	146	328958	37.744	ng	99
13) 1,4-Dichlorobenzene	6.757	146	329055	37.109	ng	98
14) 1,2-Dichlorobenzene	6.910	146	307088	37.292	ng	98
15) Benzyl Alcohol	6.893	79	246208	33.588	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	604813	38.189	ng	79
17) 2-Methylphenol	7.004	107	287544	37.995	ng	96
18) Hexachloroethane	7.240	117	124380	37.963	ng	89
19) n-Nitroso-di-n-propyla...	7.157	70	229146	36.216	ng	93
20) 3+4-Methylphenols	7.163	107	355594	39.076	ng	# 71
22) Acetophenone	7.151	105	454243	38.843	ng	92
24) Nitrobenzene	7.328	77	377104	40.525	ng	98
25) Isophorone	7.563	82	698216	40.387	ng	98
26) 2-Nitrophenol	7.640	139	189407	42.409	ng	95
27) 2,4-Dimethylphenol	7.681	122	301275	40.132	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	417767	40.374	ng	98
29) 2,4-Dichlorophenol	7.887	162	277336	39.869	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	277698	38.194	ng	100
31) Naphthalene	8.040	128	963395	38.765	ng	100
32) Benzoic acid	7.822	122	207979	36.792	ng	98
33) 4-Chloroaniline	8.098	127	441820	40.520	ng	98
34) Hexachlorobutadiene	8.151	225	156369	35.667	ng	97
35) Caprolactam	8.469	113	101562	43.503	ng	97
36) 4-Chloro-3-methylphenol	8.592	107	306276	39.615	ng	93
37) 2-Methylnaphthalene	8.734	142	646659	38.709	ng	99
38) 1-Methylnaphthalene	8.828	142	592529	37.884	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	288158	38.611	ng	100
41) Hexachlorocyclopentadiene	8.881	237	141340	46.398	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	185552	37.973	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	215923	38.371	ng	97
46) 1,1'-Biphenyl	9.198	154	767322	38.760	ng	99
47) 2-Chloronaphthalene	9.222	162	565154	39.346	ng	99
48) 2-Nitroaniline	9.328	65	240170	43.039	ng	95
49) Acenaphthylene	9.639	152	907426	38.013	ng	99
50) Dimethylphthalate	9.504	163	693413	39.813	ng	99
51) 2,6-Dinitrotoluene	9.575	165	154480	40.488	ng	88
52) Acenaphthene	9.810	154	558541	39.608	ng	97
53) 3-Nitroaniline	9.745	138	185756	41.475	ng	99
54) 2,4-Dinitrophenol	9.863	184	112156	53.984	ng	94
55) Dibenzofuran	9.981	168	796163	36.998	ng	98
56) 4-Nitrophenol	9.928	139	114383	40.184	ng	95
57) 2,4-Dinitrotoluene	9.986	165	181233	37.942	ng	97
58) Fluorene	10.328	166	635909	38.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	158681	36.658	ng	99
60) Diethylphthalate	10.204	149	686771	39.290	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	304416	38.307	ng	97
62) 4-Nitroaniline	10.363	138	159677	37.090	ng	98
63) Azobenzene	10.481	77	702224	41.049	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	108221	41.520	ng	90
66) n-Nitrosodiphenylamine	10.445	169	585513	39.409	ng	98
67) 4-Bromophenyl-phenylether	10.810	248	189242	38.773	ng	97
68) Hexachlorobenzene	10.875	284	193686	38.952	ng	# 89
69) Atrazine	10.975	200	148890	37.244	ng	99
70) Pentachlorophenol	11.080	266	112021	37.654	ng	98
71) Phenanthrene	11.292	178	924635	39.837	ng	98
72) Anthracene	11.345	178	951780	39.894	ng	100
73) Carbazole	11.510	167	888486	40.910	ng	99
74) Di-n-butylphthalate	11.833	149	1091896	42.667	ng	99
75) Fluoranthene	12.486	202	970367	40.123	ng	98
77) Benzidine	12.627	184	45422	8.759	ng	97
78) Pyrene	12.716	202	967984	40.168	ng	100
80) Butylbenzylphthalate	13.339	149	411626	48.515	ng	95
81) Benzo(a)anthracene	13.916	228	650919	39.826	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	212499	41.624	ng	# 98
83) Chrysene	13.951	228	653643	40.225	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	518195	59.517	ng	99
85) Di-n-octyl phthalate	14.516	149	746256	53.934	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	628076	36.183	ng	97
88) Benzo(b)fluoranthene	14.963	252	542566m	37.858	ng	
89) Benzo(k)fluoranthene	14.992	252	564268	39.858	ng	99
90) Benzo(a)pyrene	15.327	252	546171	39.962	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	517039	36.403	ng	99
92) Benzo(g,h,i)perylene	17.310	276	531117	35.806	ng	98

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

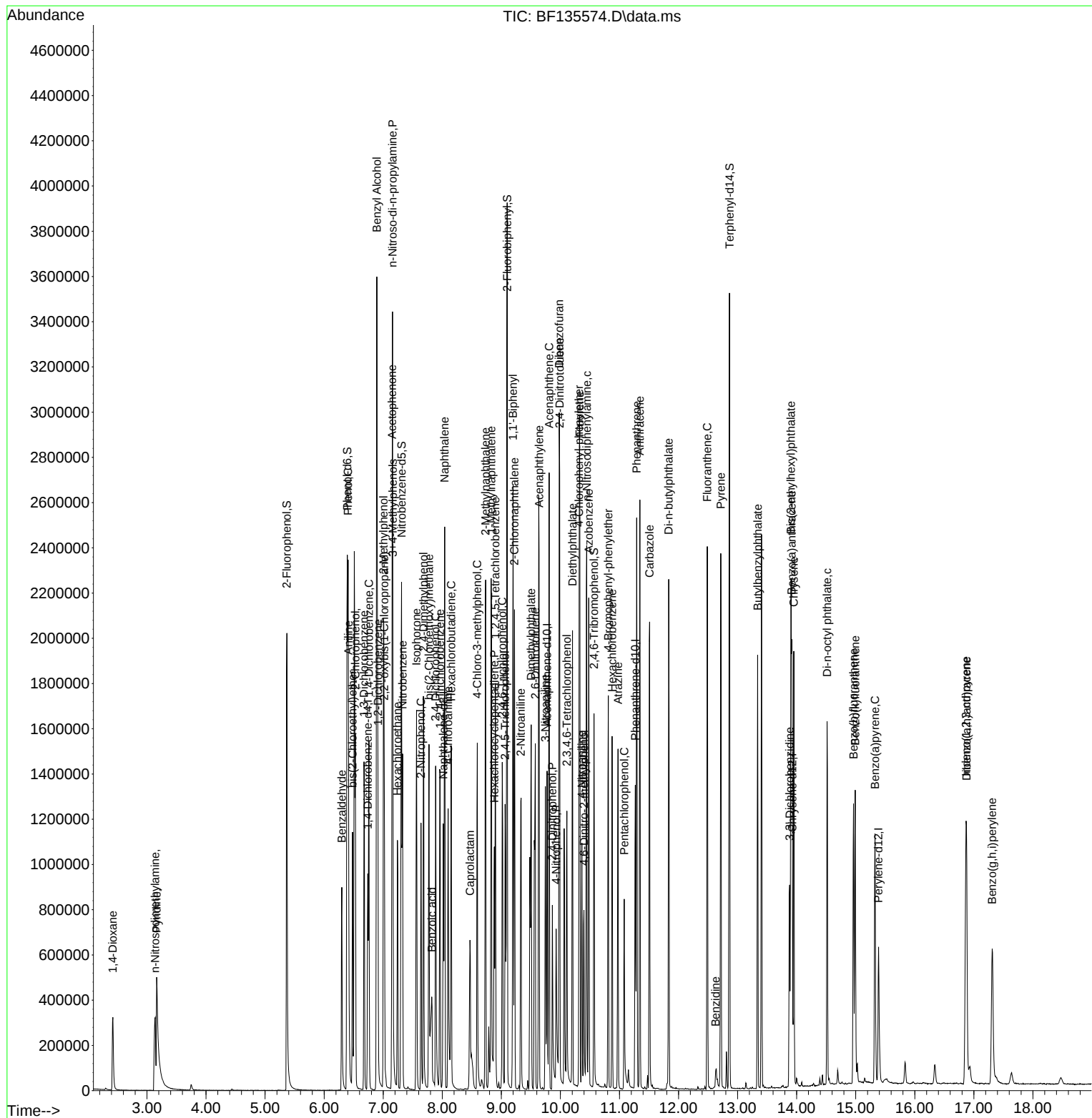
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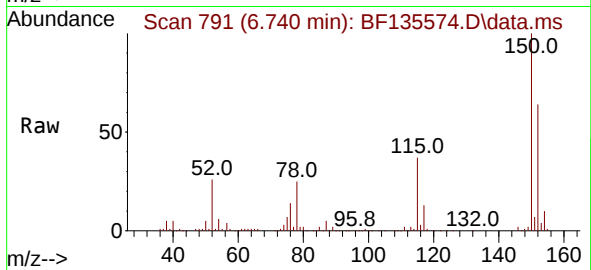
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

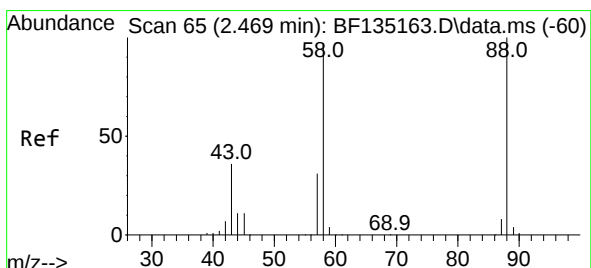
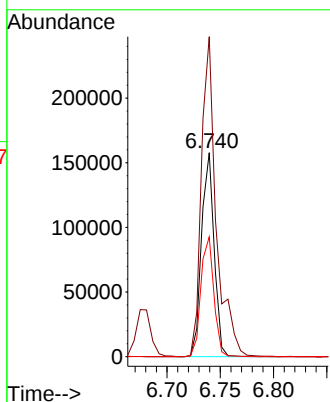
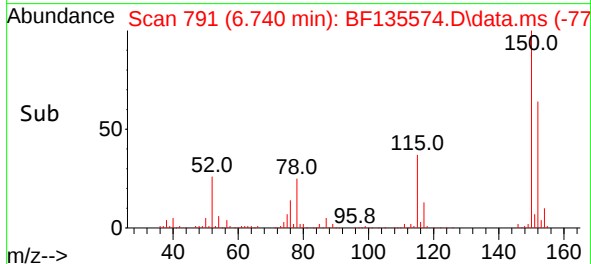
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 130662
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 58.8 49.8 74.8

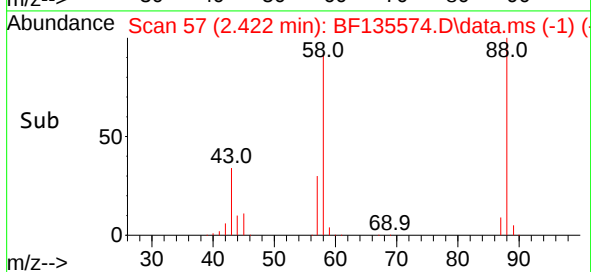
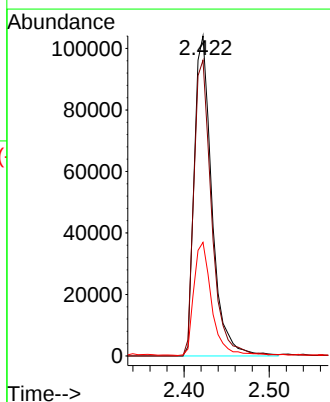
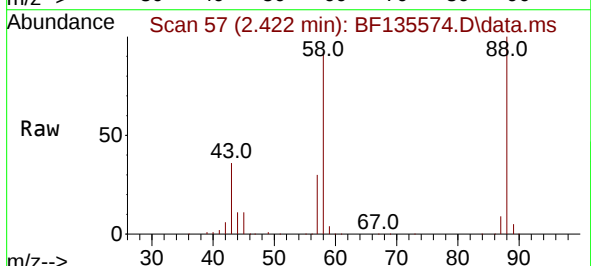
Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#2
1,4-Dioxane
Concen: 42.428 ng
RT: 2.422 min Scan# 57
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

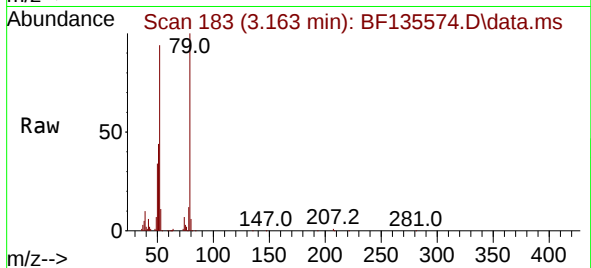
Tgt Ion: 88 Resp: 149420
Ion Ratio Lower Upper
88 100
58 92.9 78.3 117.5
43 35.9 29.4 44.0





#3
Pyridine
Concen: 41.394 ng
RT: 3.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

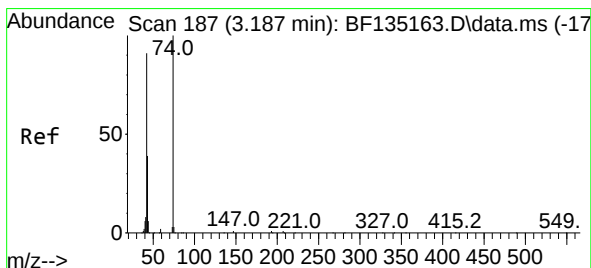
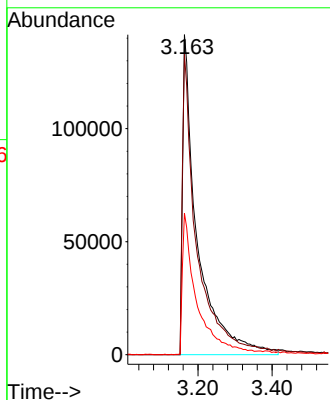
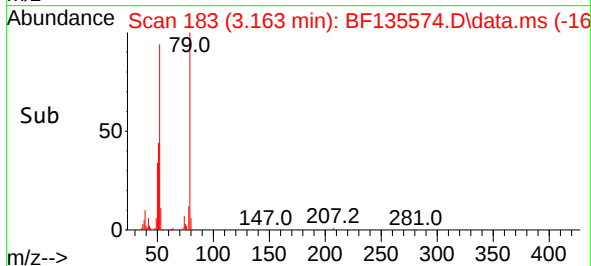
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



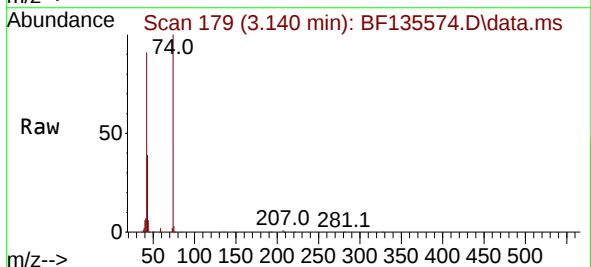
Tgt Ion: 79 Resp: 392349
Ion Ratio Lower Upper
79 100
52 93.9 74.1 111.1
51 44.2 35.8 53.8

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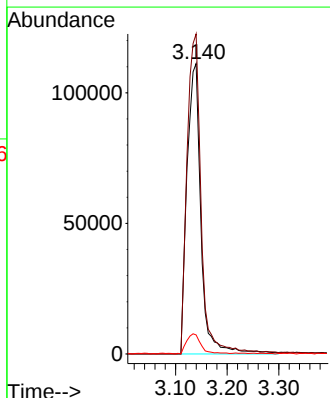
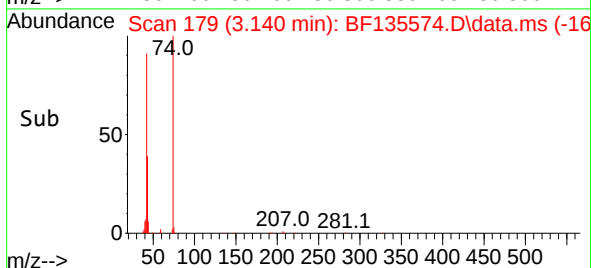
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#4
n-Nitrosodimethylamine
Concen: 41.428 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion: 42 Resp: 208373
Ion Ratio Lower Upper
42 100
74 110.2 87.7 131.5
44 6.5 5.6 8.4





#5
2-Fluorophenol
Concen: 77.414 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

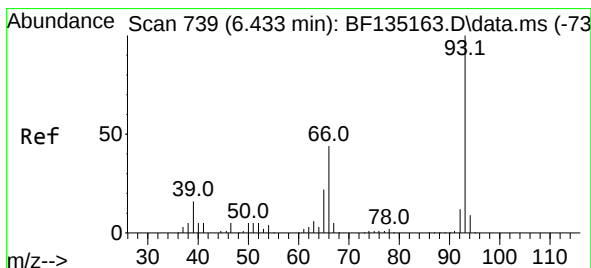
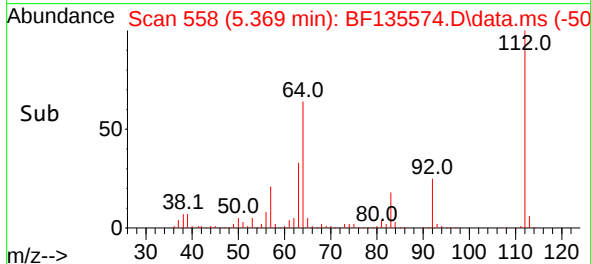
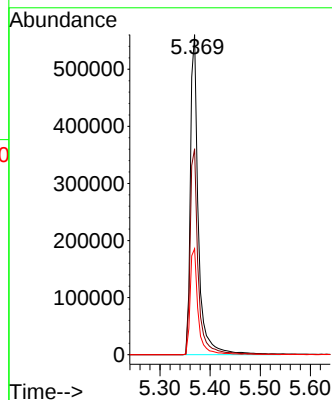
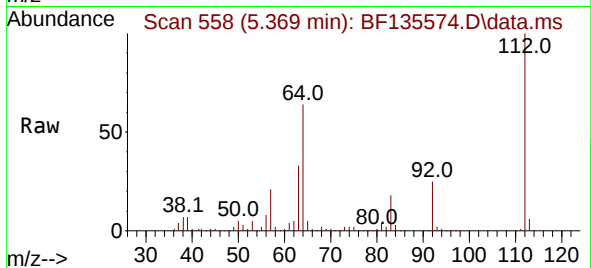
SSTDCCC040EC

Tgt Ion:112 Resp: 621912
Ion Ratio Lower Upper
112 100
64 64.4 55.9 83.9
63 33.1 29.0 43.6

Manual Integrations

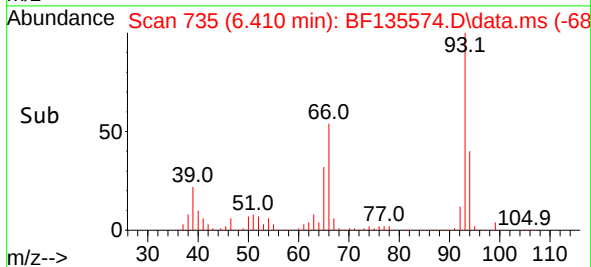
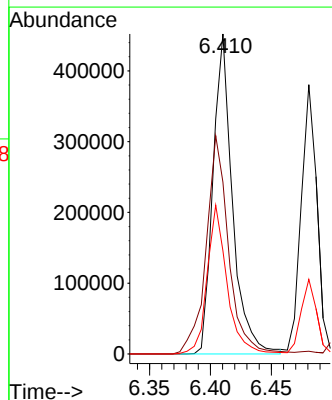
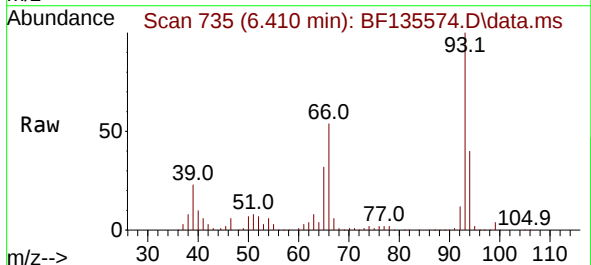
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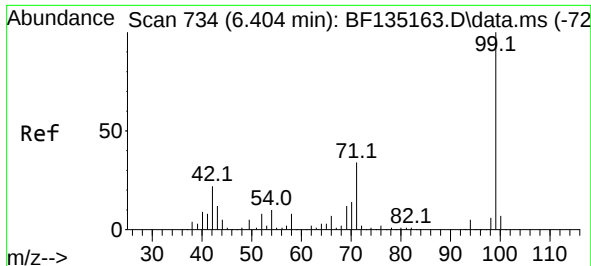
Reviewed By :Yogesh Patel 10/05/2023
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#6
Aniline
Concen: 37.414 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

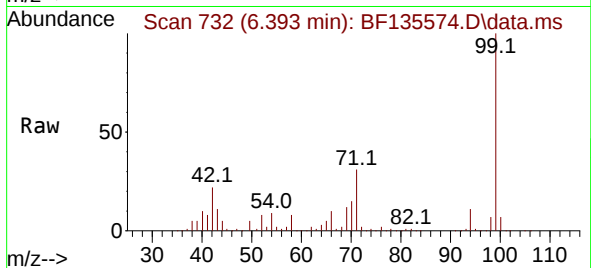
Tgt Ion: 93 Resp: 501184
Ion Ratio Lower Upper
93 100
66 53.7 35.4 53.0#
65 32.3 17.8 26.8#





#7
Phenol-d6
Concen: 76.679 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

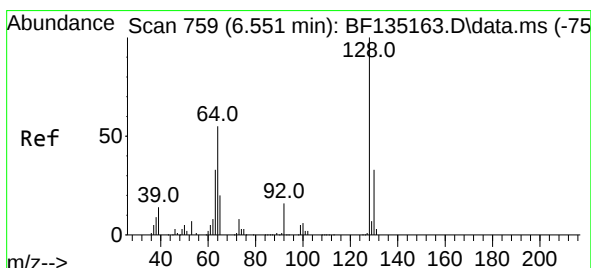
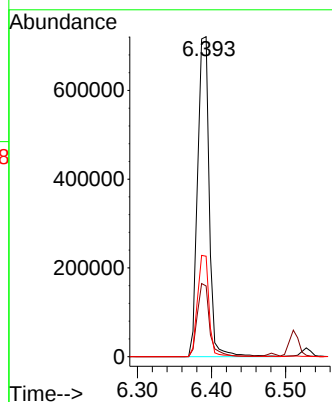
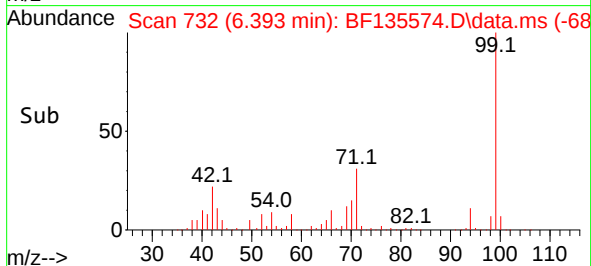
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 78329
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.4 27.0 40.6

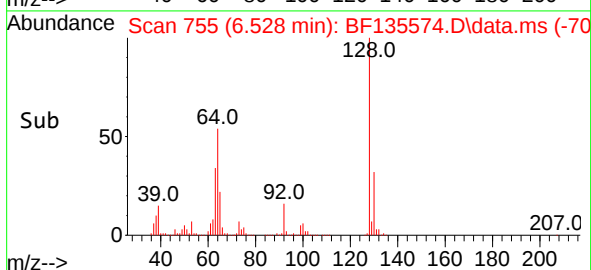
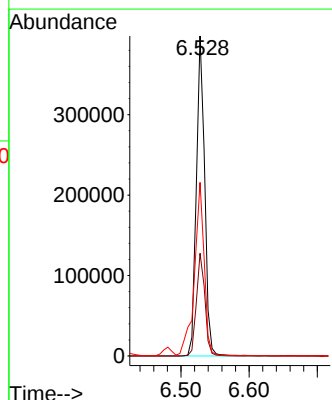
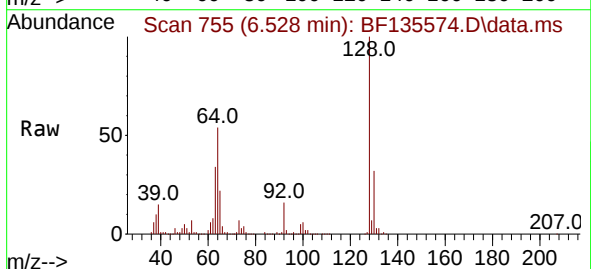
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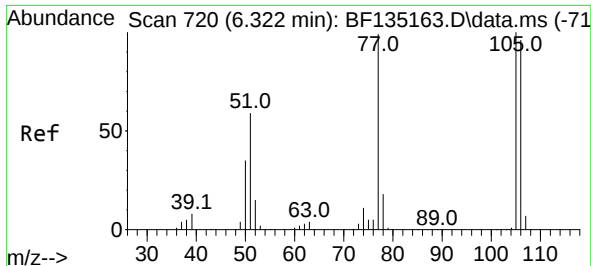
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#8
2-Chlorophenol
Concen: 39.033 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

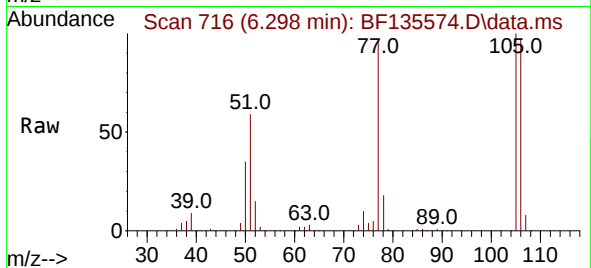
Tgt Ion:128 Resp: 334745
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 54.3 35.9 75.9





#9
Benzaldehyde
Concen: 32.722 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

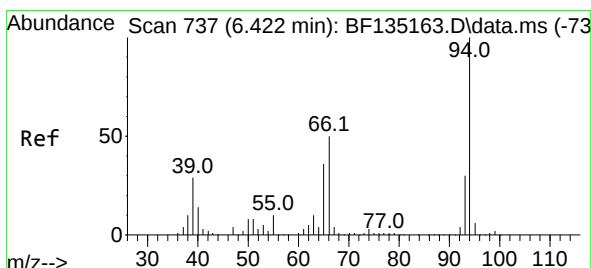
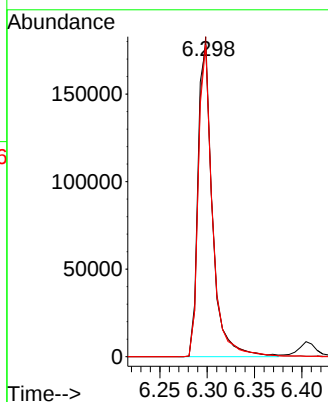
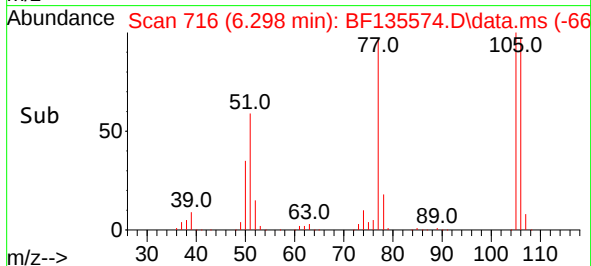
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Tgt Ion: 77 Resp: 190420
Ion Ratio Lower Upper
77 100
105 103.0 81.4 121.4
106 100.3 76.9 116.9

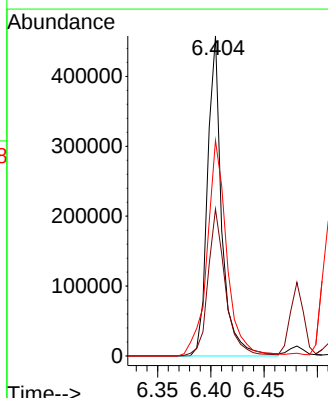
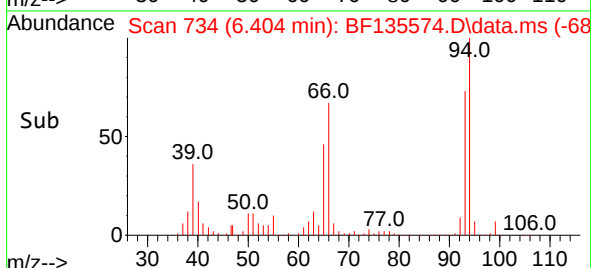
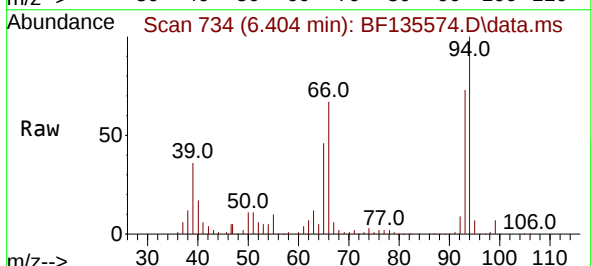
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2023



#10
Phenol
Concen: 38.126 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion: 94 Resp: 427063
Ion Ratio Lower Upper
94 100
65 45.9 15.9 55.9
66 67.3 29.8 69.8





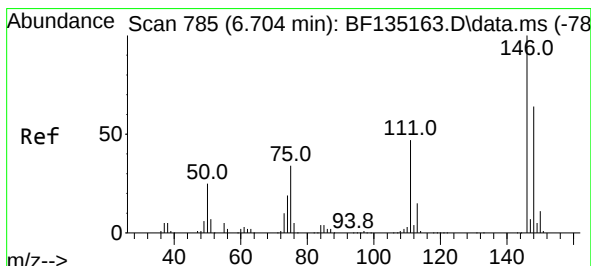
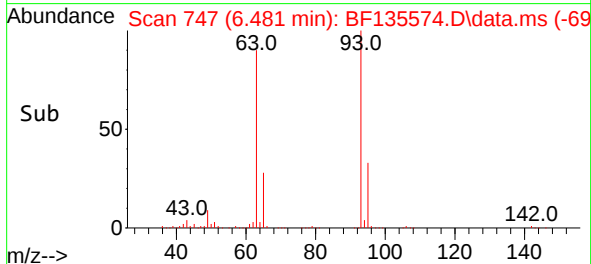
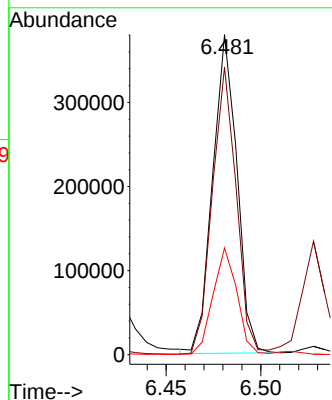
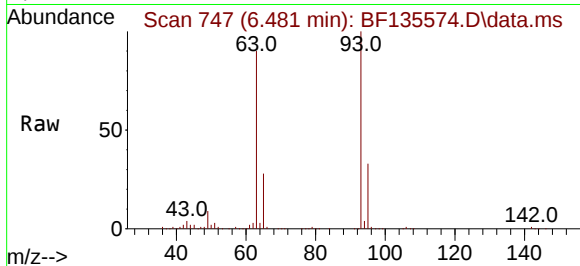
#11
bis(2-Chloroethyl)ether
Concen: 40.240 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 338100
Ion Ratio Lower Upper
93 100
63 89.9 67.3 107.3
95 33.4 12.7 52.7

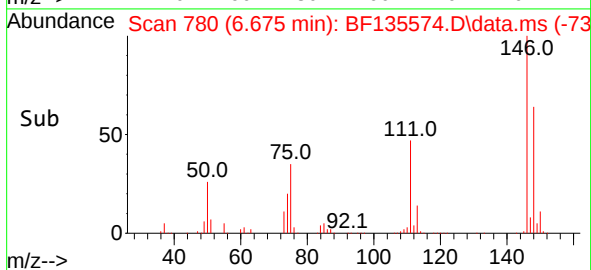
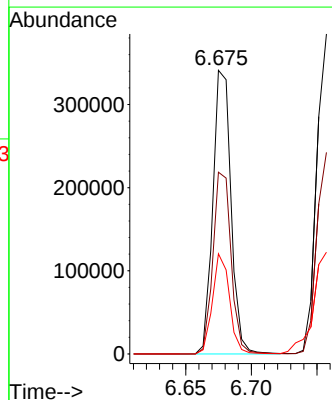
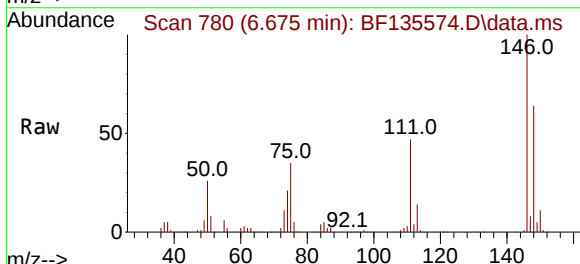
Manual Integrations
APPROVED

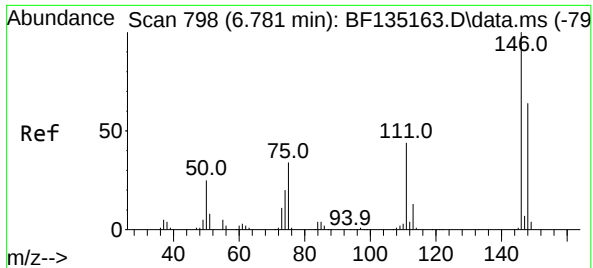
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#12
1,3-Dichlorobenzene
Concen: 37.744 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:146 Resp: 328958
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 35.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 37.109 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 32905

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

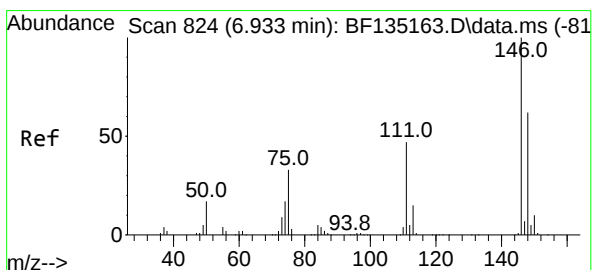
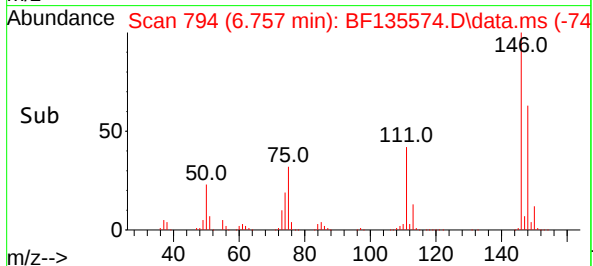
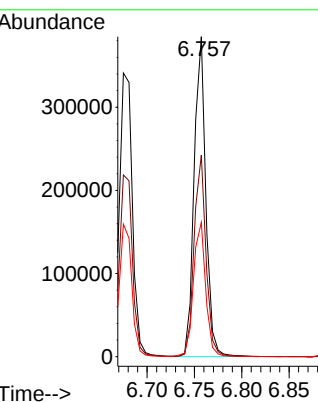
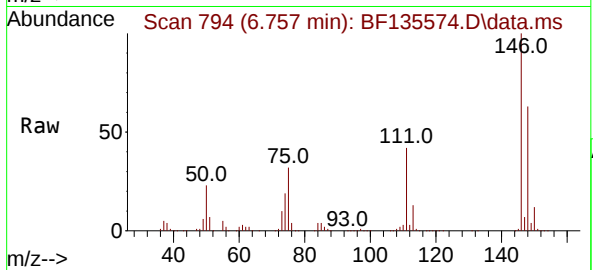
111 42.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#14

1,2-Dichlorobenzene

Concen: 37.292 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

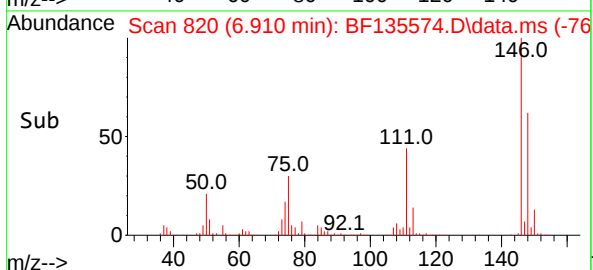
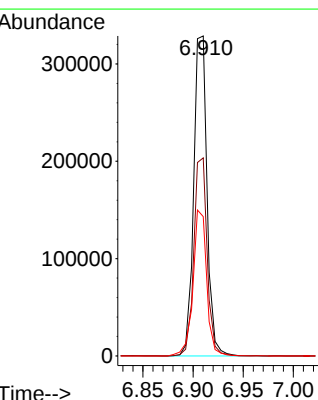
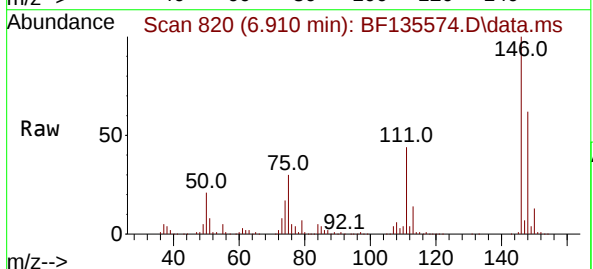
Tgt Ion:146 Resp: 307088

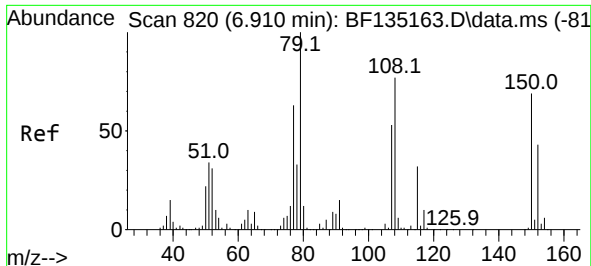
Ion Ratio Lower Upper

146 100

148 61.9 49.7 74.5

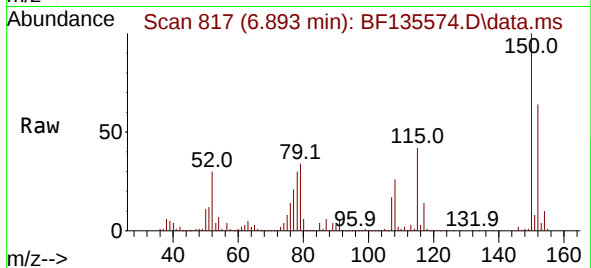
111 43.6 37.4 56.2





#15
Benzyl Alcohol
Concen: 33.588 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

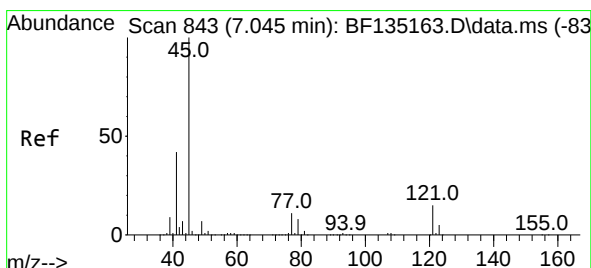
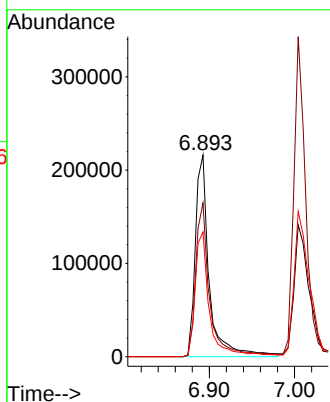
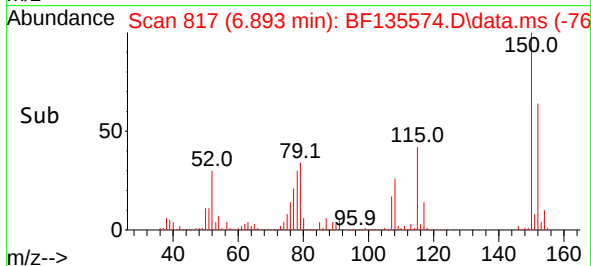
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 246208
Ion Ratio Lower Upper
79 100
108 76.4 61.2 91.8
77 62.0 50.5 75.7

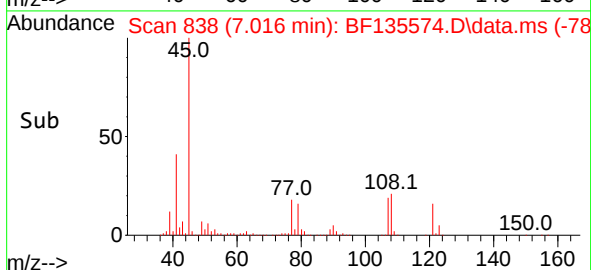
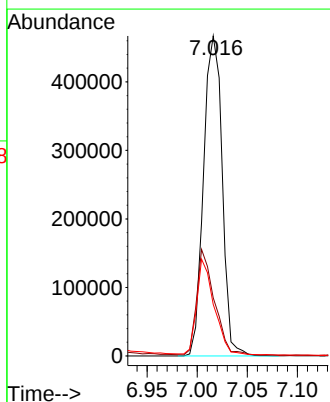
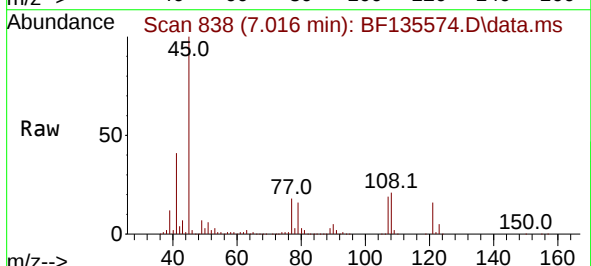
Manual Integrations
APPROVED

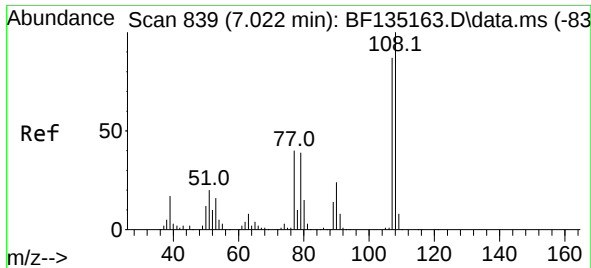
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.189 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

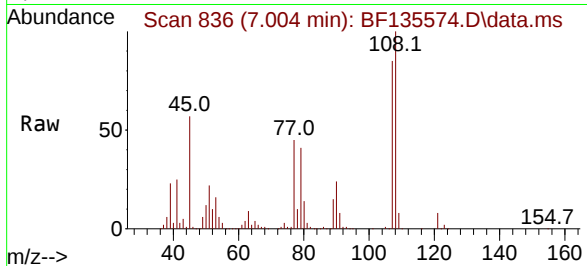
Tgt Ion: 45 Resp: 604813
Ion Ratio Lower Upper
45 100
77 18.1 0.0 30.6
79 16.1 0.0 28.3





#17
2-Methylphenol
Concen: 37.995 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

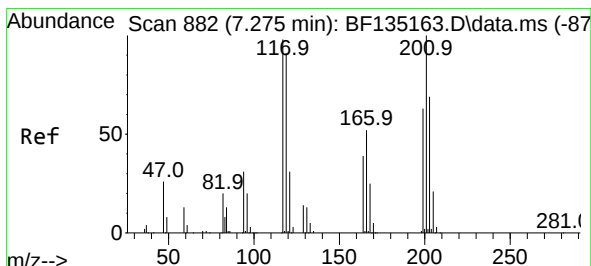
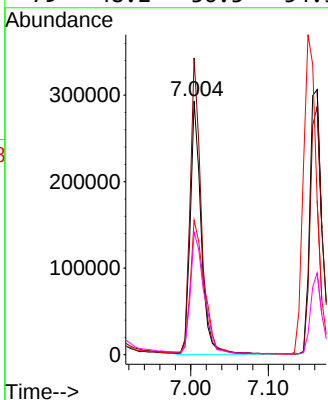
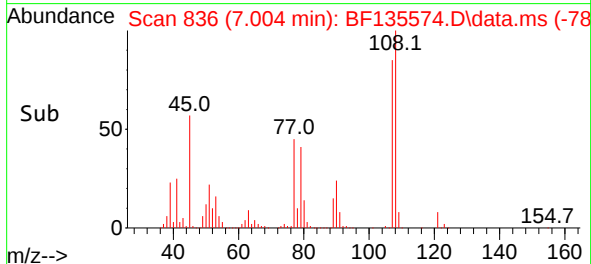
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



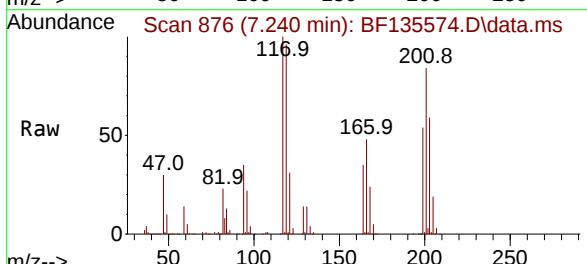
Tgt Ion:107 Resp: 287544
Ion Ratio Lower Upper
107 100
108 117.1 92.0 138.0
77 53.1 36.7 55.1
79 48.2 36.3 54.5

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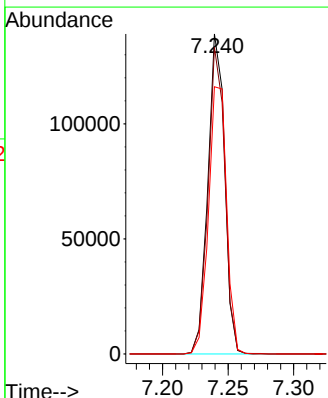
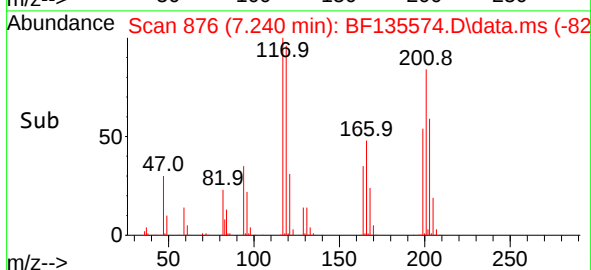
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#18
Hexachloroethane
Concen: 37.963 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:117 Resp: 124380
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 83.5 81.8 122.8





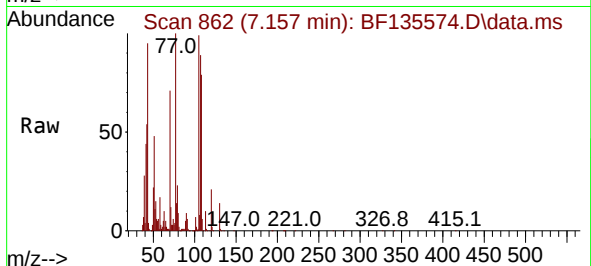
#19
n-Nitroso-di-n-propylamine
Concen: 36.216 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

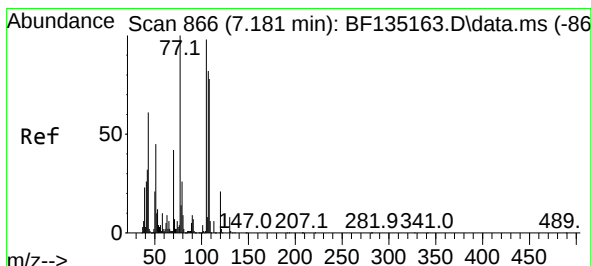
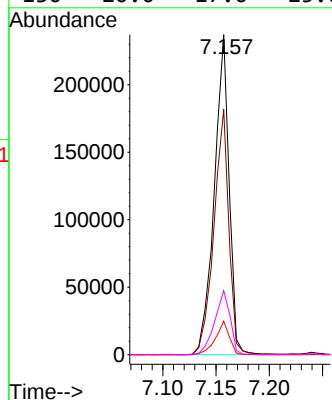
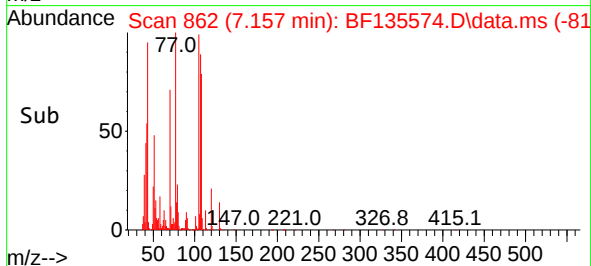


Tgt Ion: 70 Resp: 229140
Ion Ratio Lower Upper
70 100
42 76.7 55.4 83.0
101 10.4 7.7 11.5
130 20.0 17.0 25.6

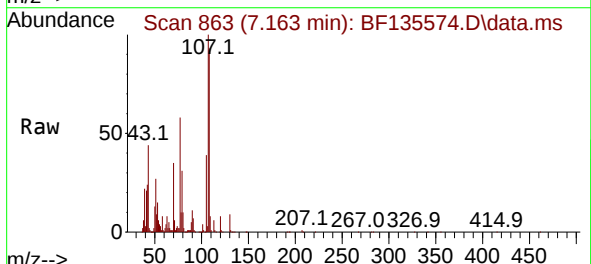
Manual Integrations

APPROVED

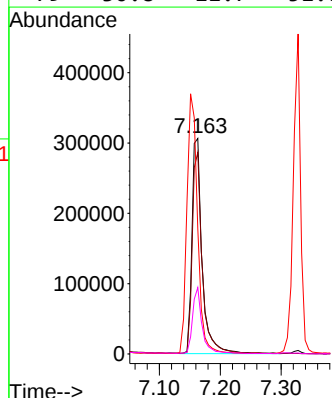
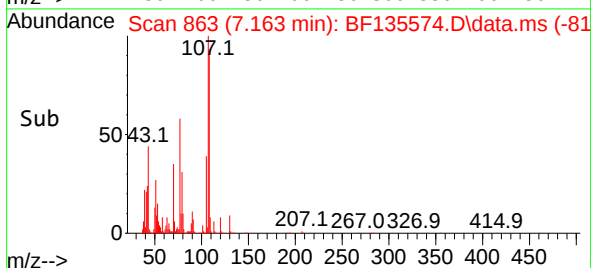
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

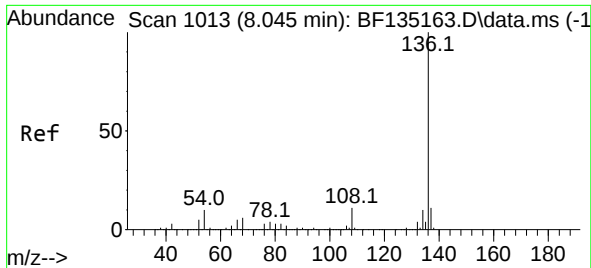


#20
3+4-Methylphenols
Concen: 39.076 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



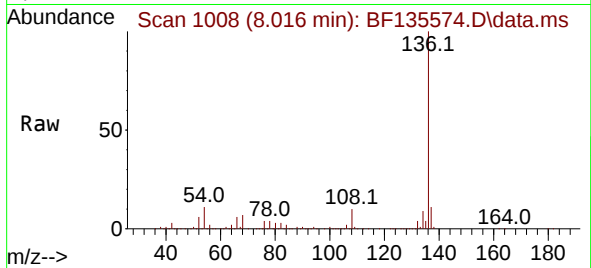
Tgt Ion:107 Resp: 355594
Ion Ratio Lower Upper
107 100
108 93.4 74.7 114.7
77 58.1 102.0 142.0#
79 30.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

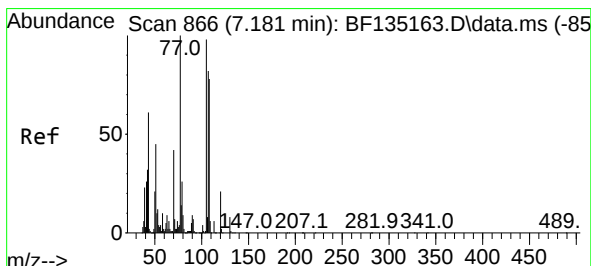
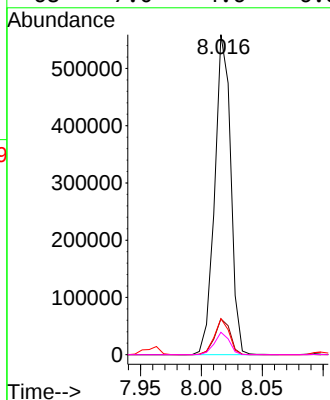
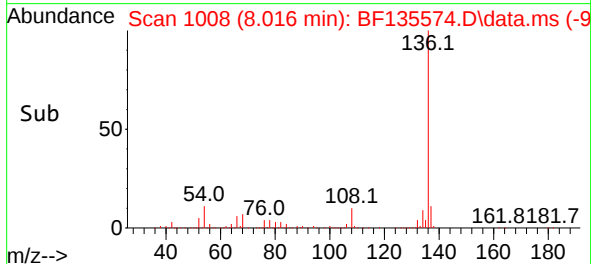
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:136 Resp: 511500
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.3 7.7 11.5
68 7.0 4.6 6.8#

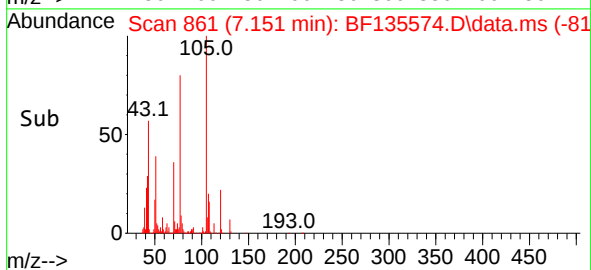
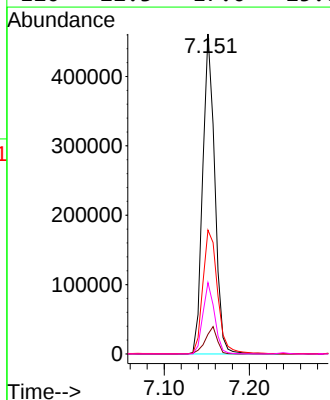
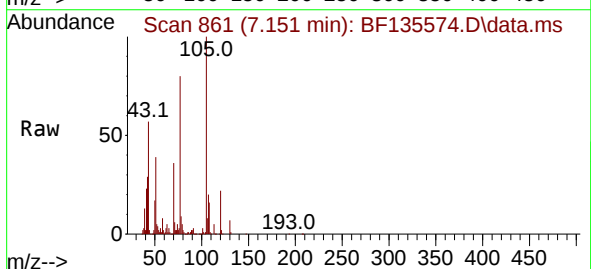
Manual Integrations
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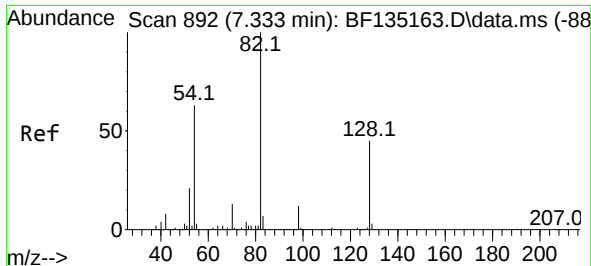
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#22
Acetophenone
Concen: 38.843 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:105 Resp: 454243
Ion Ratio Lower Upper
105 100
71 6.1 5.8 8.6
51 38.7 37.0 55.4
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.759 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

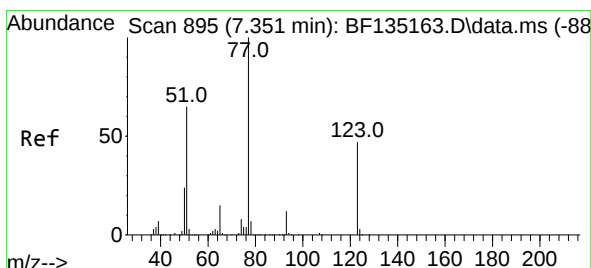
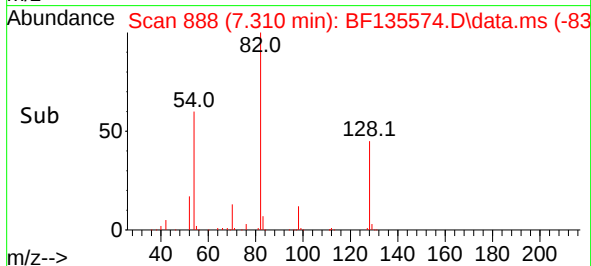
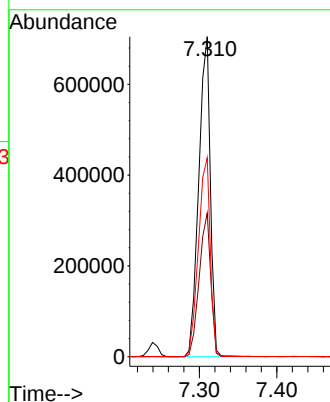
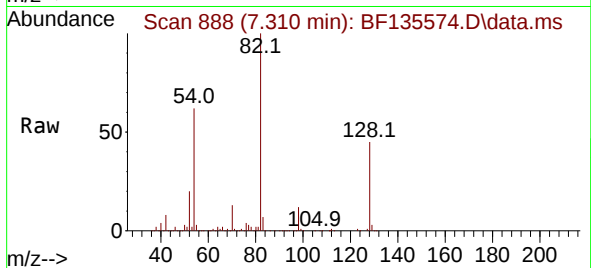
SSTDCCC040EC

Tgt Ion: 82 Resp: 732080
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.8 53.6
 54 62.1 50.6 76.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 40.525 ng

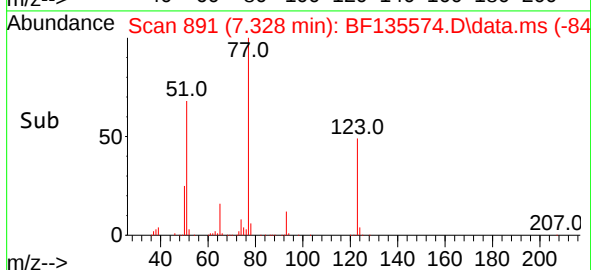
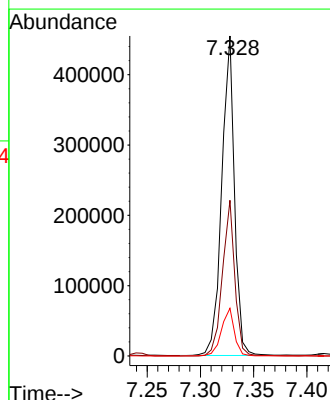
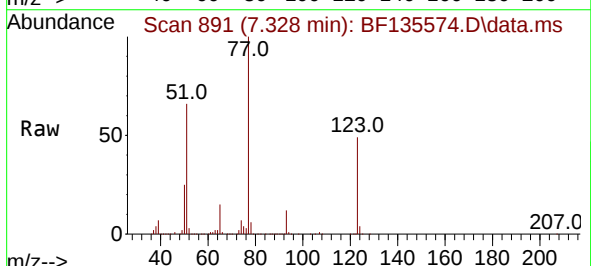
RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion: 77 Resp: 377104
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.6 56.4
 65 14.9 12.2 18.4





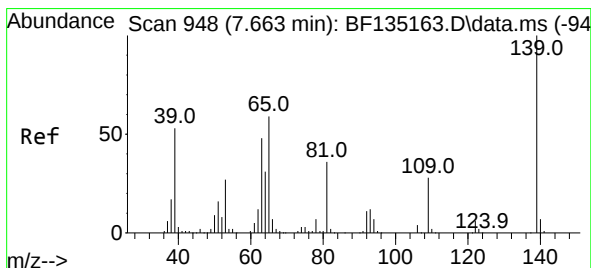
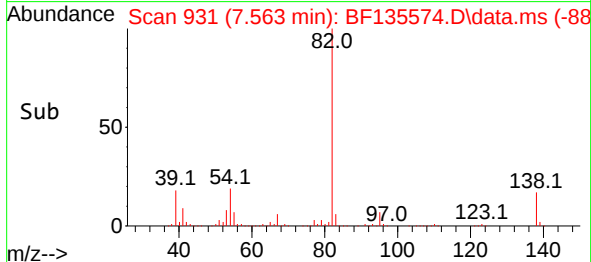
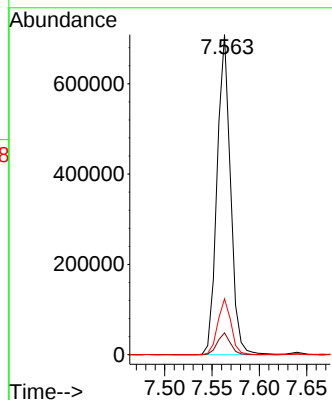
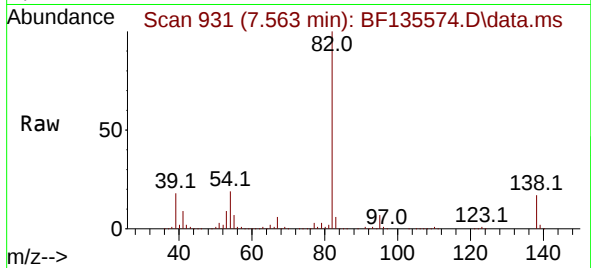
#25
Isophorone
Concen: 40.387 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 698210
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.5 14.5 21.7

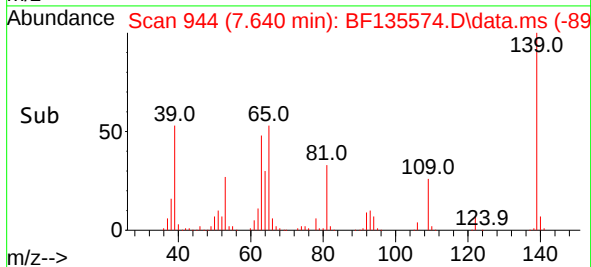
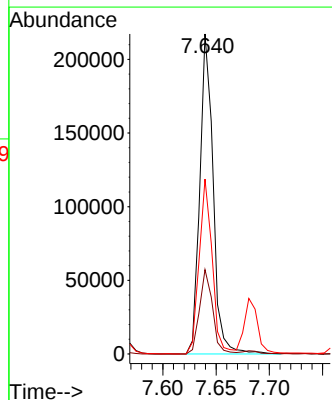
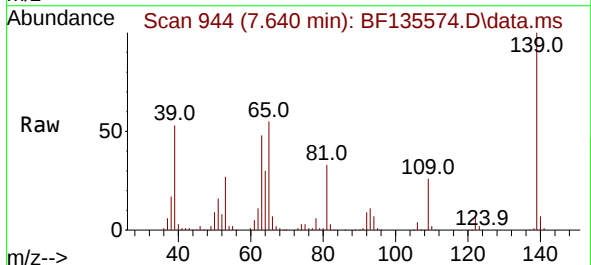
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 42.409 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:139 Resp: 189407
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 54.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.132 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135574.D

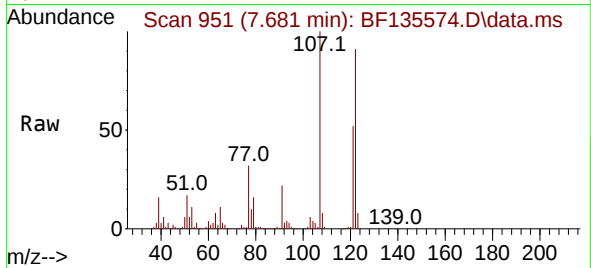
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



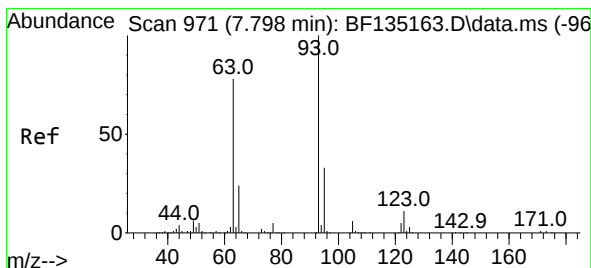
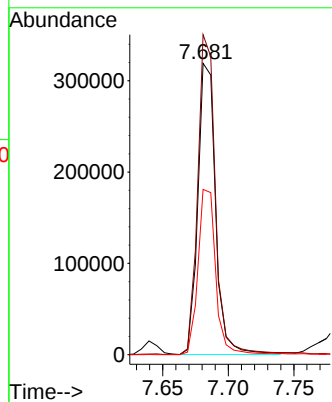
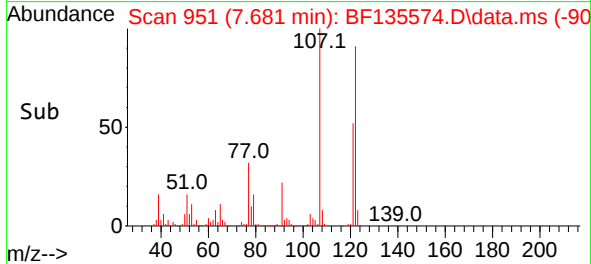
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.8	90.2	135.4
121	56.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.374 ng

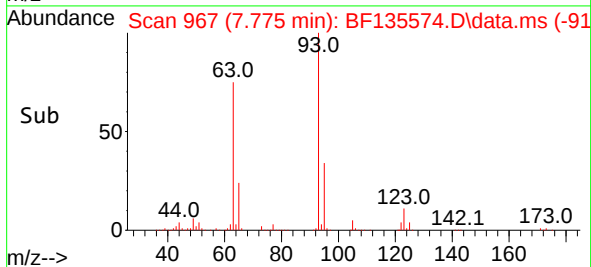
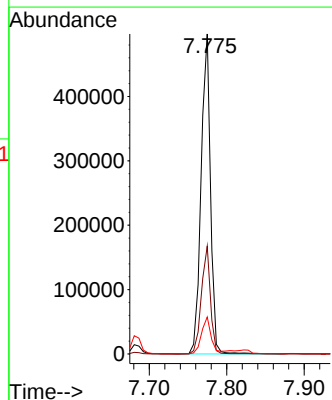
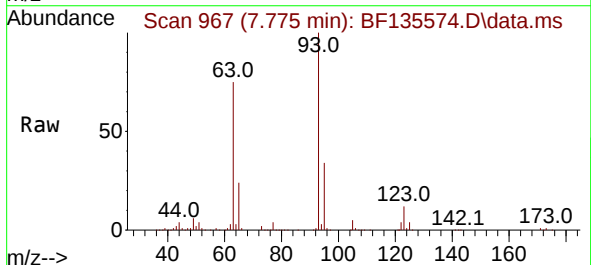
RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.2	39.2
123	11.5	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 39.869 ng

RT: 7.887 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 277330

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

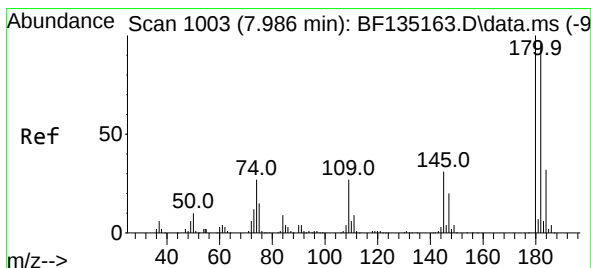
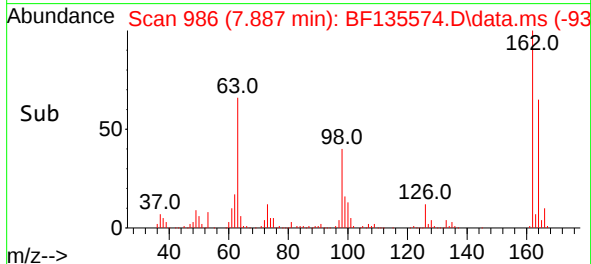
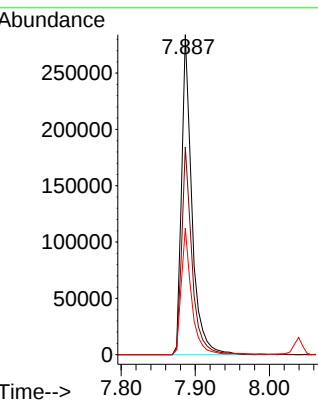
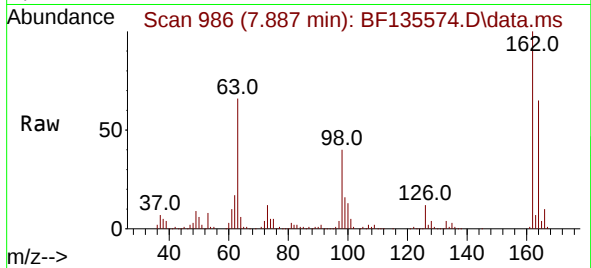
98 39.5 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.194 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

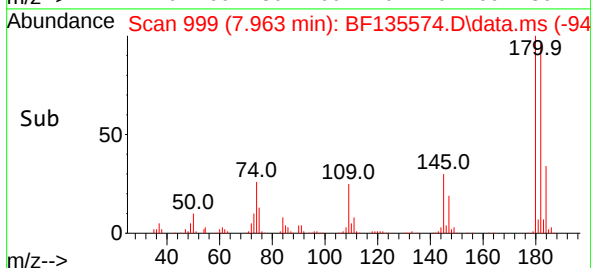
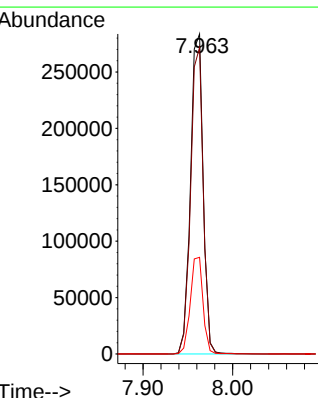
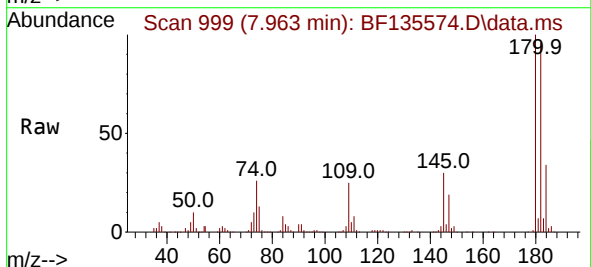
Tgt Ion:180 Resp: 277698

Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

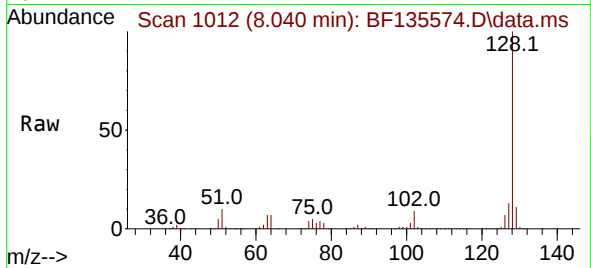
145 30.2 24.5 36.7





#31
Naphthalene
Concen: 38.765 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

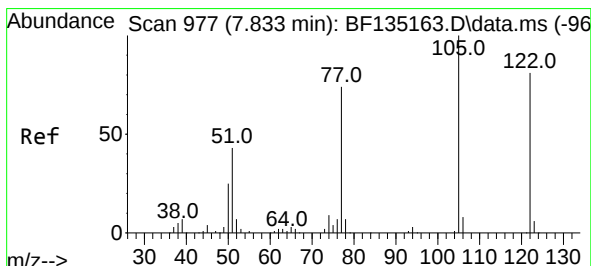
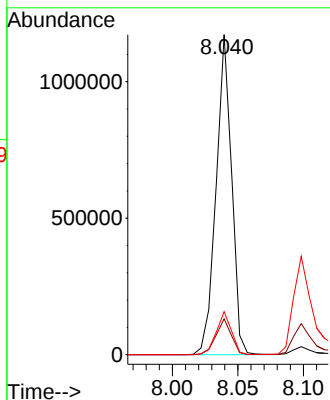
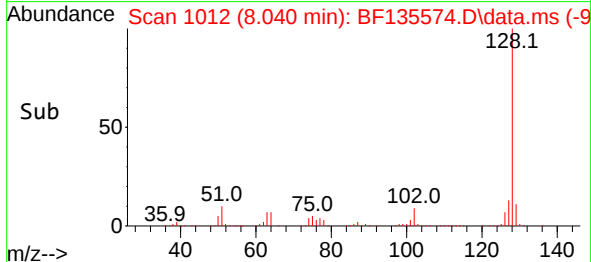
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



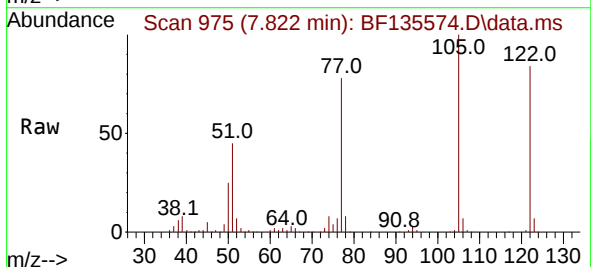
Tgt Ion:128 Resp: 96339
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.7 16.1

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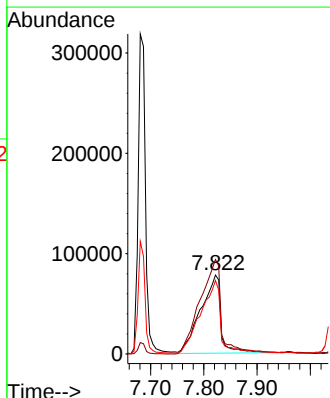
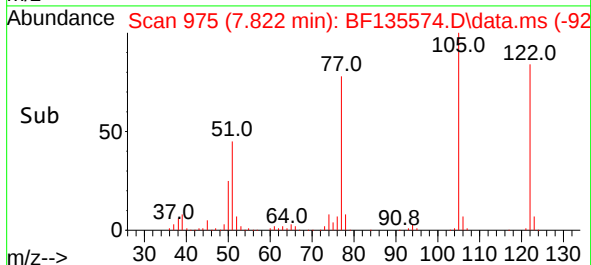
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#32
Benzoic acid
Concen: 36.792 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:122 Resp: 207979
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 93.1 70.0 110.0





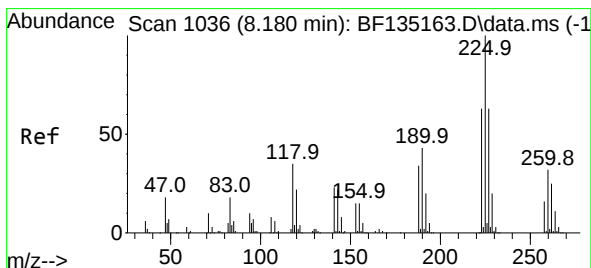
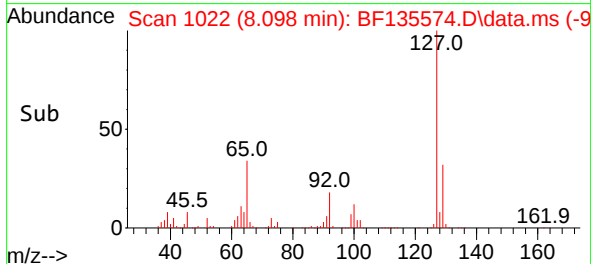
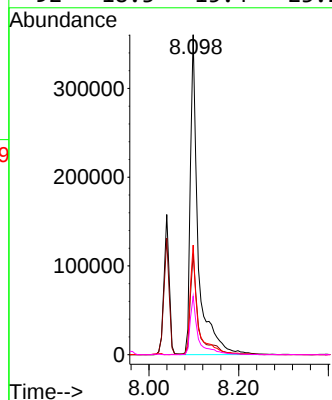
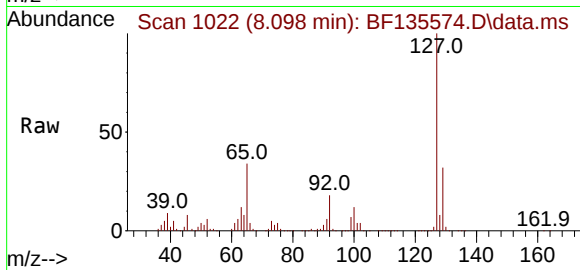
#33
4-Chloroaniline
Concen: 40.520 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 441820
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8
65 34.3 26.6 39.8
92 18.3 15.4 23.2

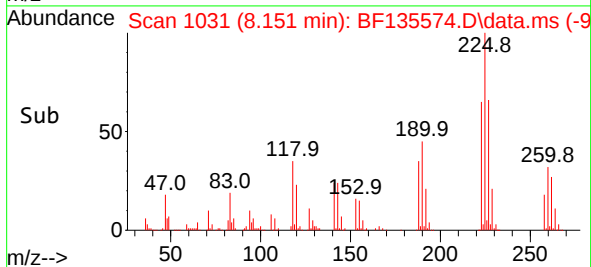
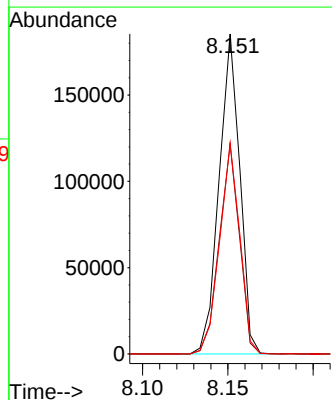
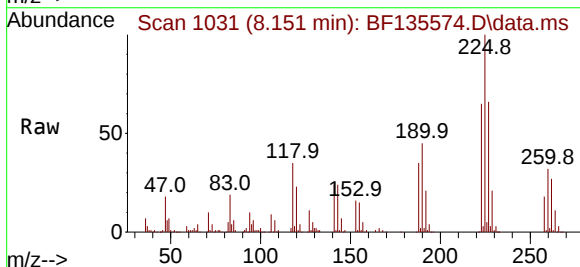
Manual Integrations
APPROVED

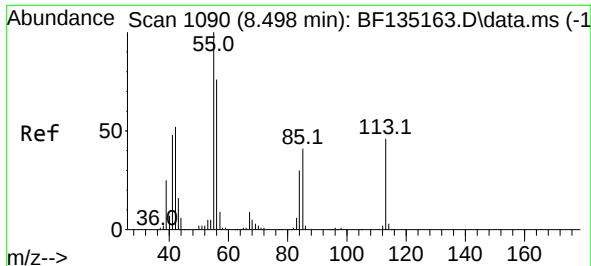
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#34
Hexachlorobutadiene
Concen: 35.667 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

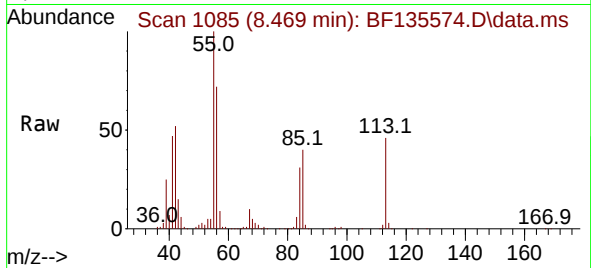
Tgt Ion:225 Resp: 156369
Ion Ratio Lower Upper
225 100
223 65.5 50.6 75.8
227 66.0 50.8 76.2





#35
 Caprolactam
 Concen: 43.503 ng
 RT: 8.469 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

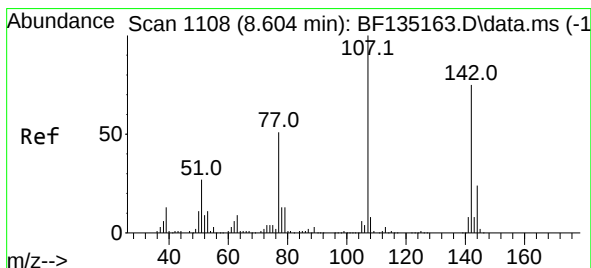
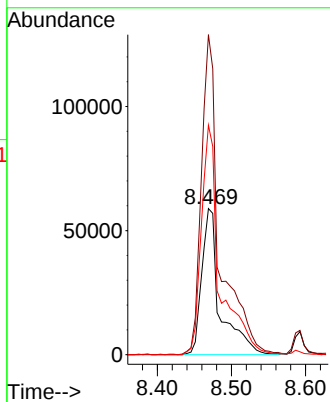
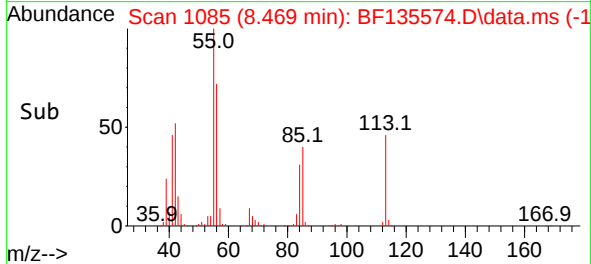
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:113 Resp: 101562
 Ion Ratio Lower Upper
 113 100
 55 219.1 199.3 239.3
 56 157.1 146.3 186.3

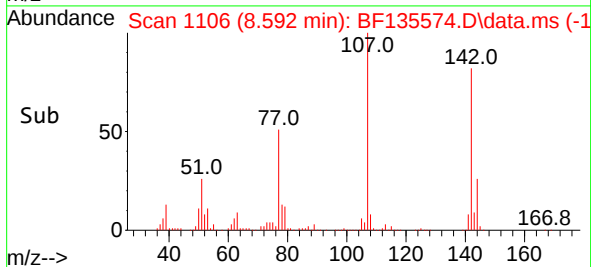
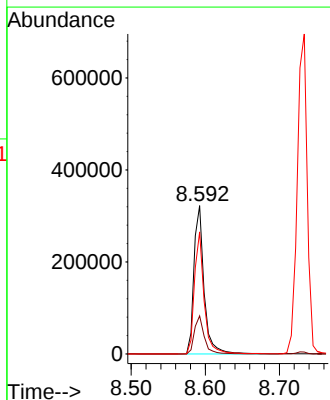
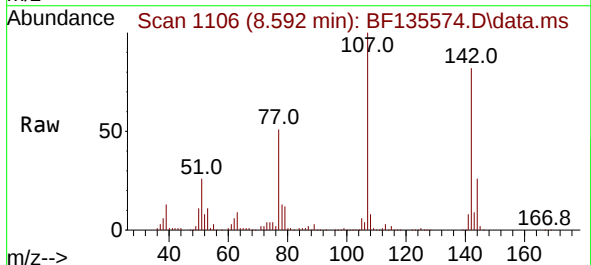
Manual Integrations
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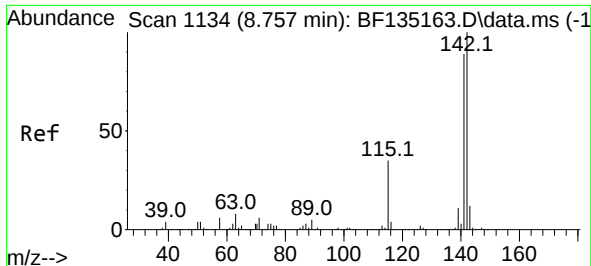
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.615 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

Tgt Ion:107 Resp: 306276
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.0 28.4
 142 82.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.709 ng

RT: 8.734 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 646659

Ion Ratio Lower Upper

142 100

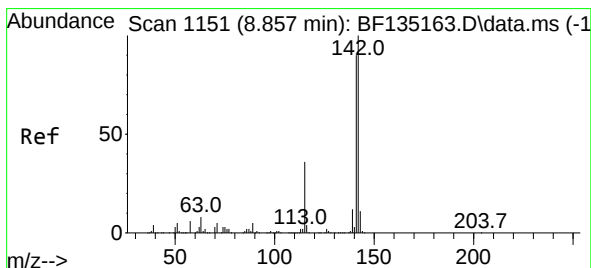
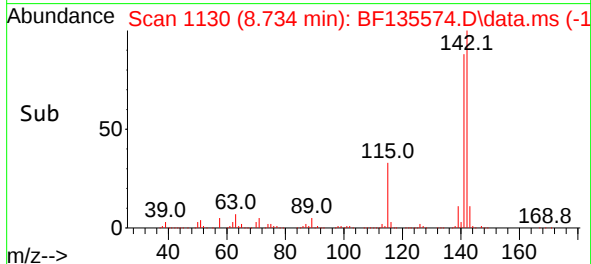
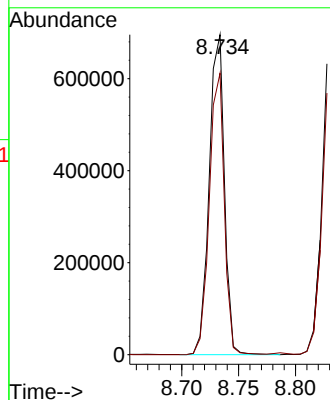
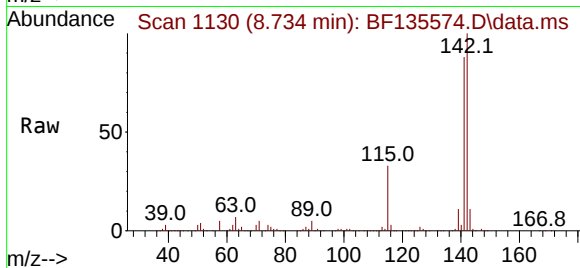
141 88.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#38

1-Methylnaphthalene

Concen: 37.884 ng

RT: 8.828 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF135574.D

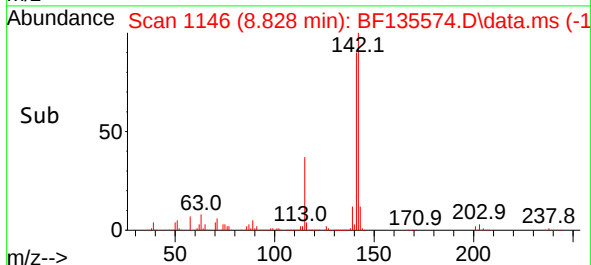
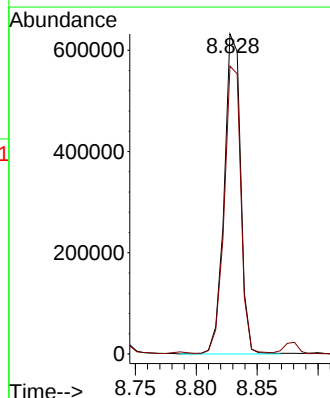
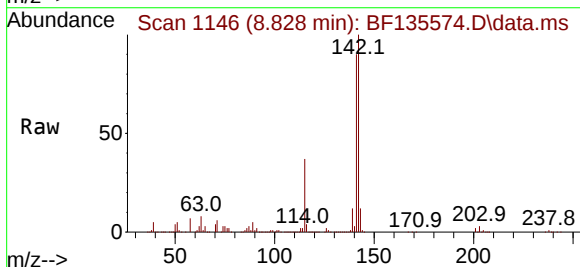
Acq: 04 Oct 2023 16:40

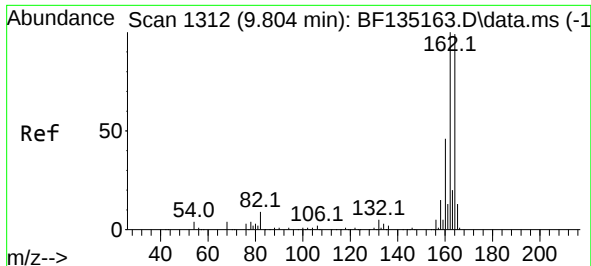
Tgt Ion:142 Resp: 592529

Ion Ratio Lower Upper

142 100

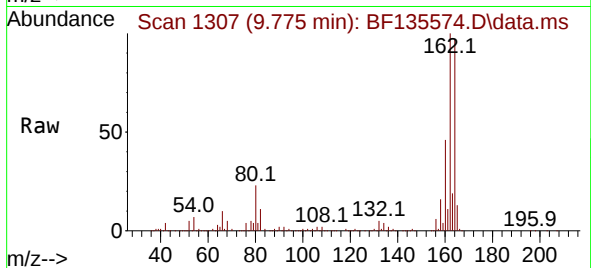
141 89.9 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

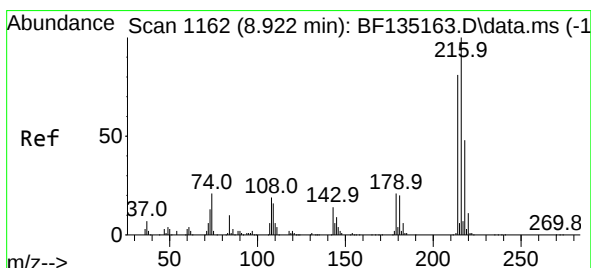
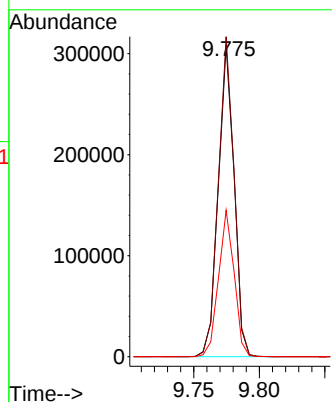
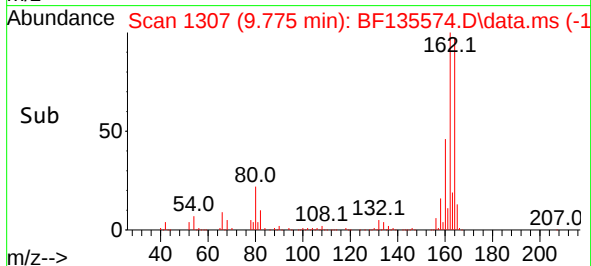
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



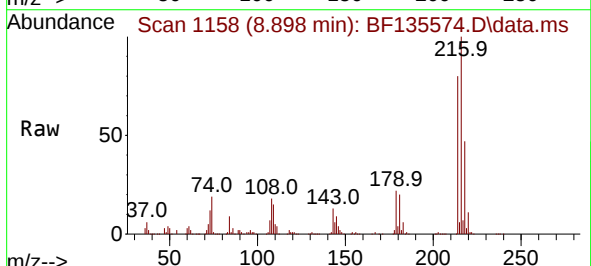
Tgt Ion:164 Resp: 25760
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 47.1 37.0 55.4

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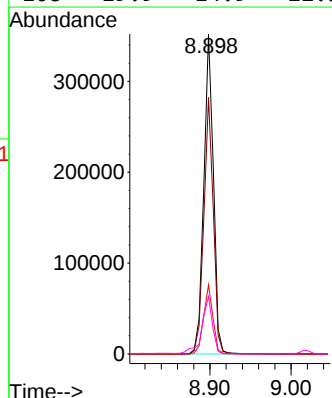
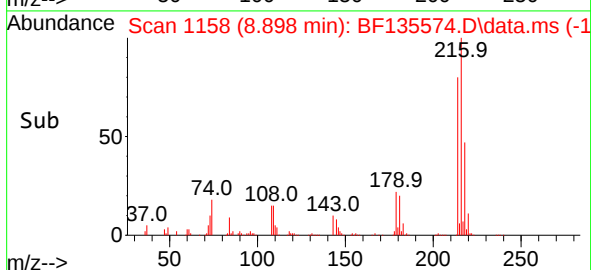
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.611 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



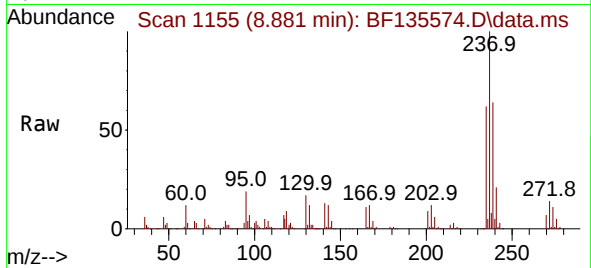
Tgt Ion:216 Resp: 288158
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.9 16.7 25.1
108 19.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 46.398 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

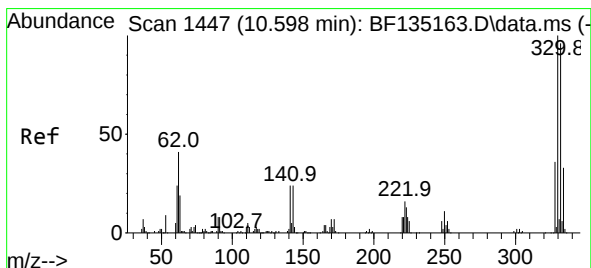
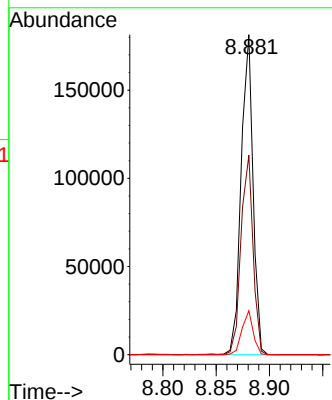
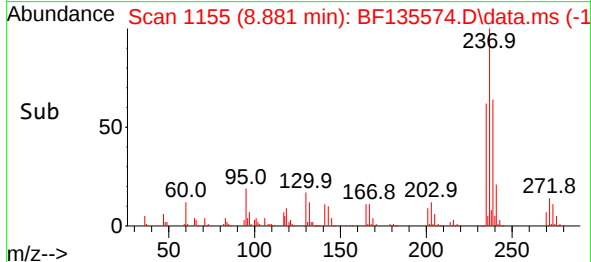
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



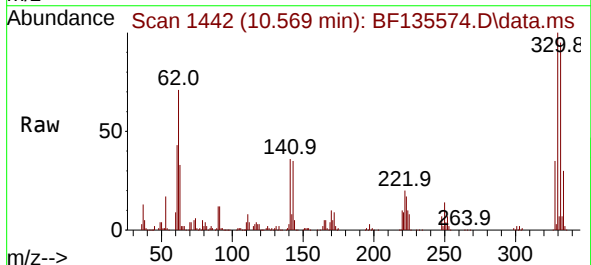
Tgt Ion: 237 Resp: 141340
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 13.7 0.0 33.6

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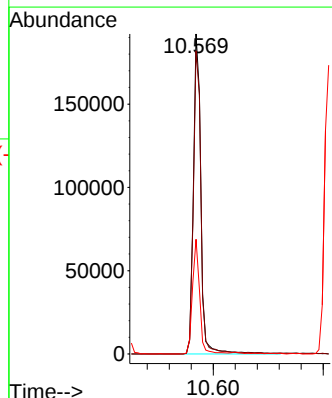
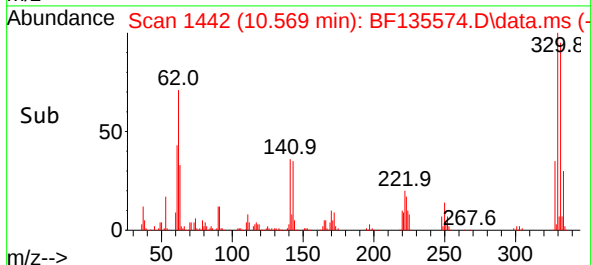
Reviewed By : Yogesh Patel 10/05/2023
Supervised By : mohammad ahmed 10/06/2023

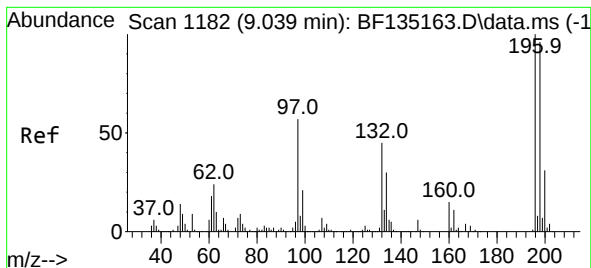


#42
2,4,6-Tribromophenol
Concen: 70.353 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion: 330 Resp: 180104
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 34.4 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.973 ng

RT: 9.016 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

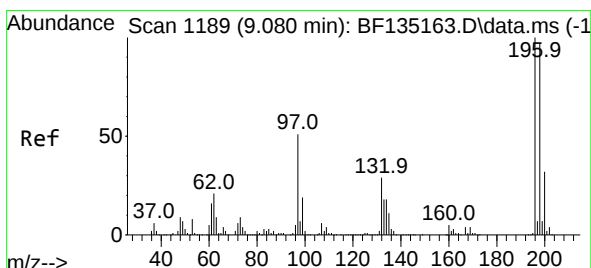
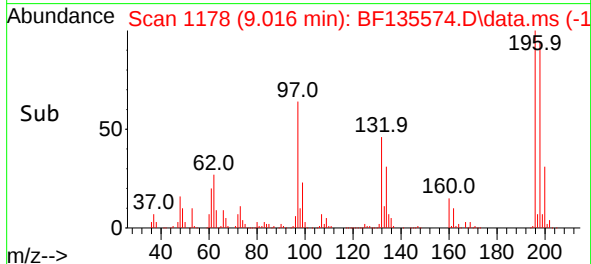
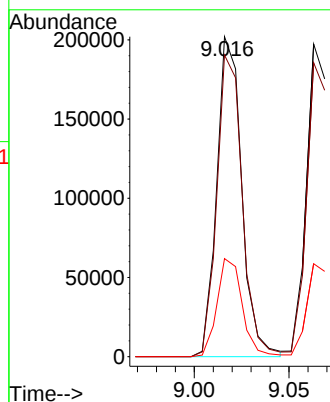
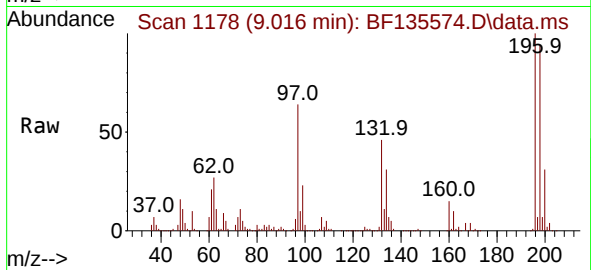
Tgt Ion:196 Resp: 18555
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.6
 200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#44

2,4,5-Trichlorophenol

Concen: 38.371 ng

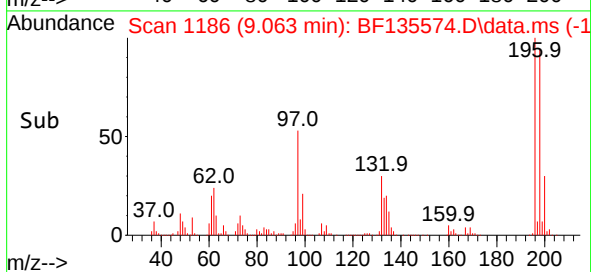
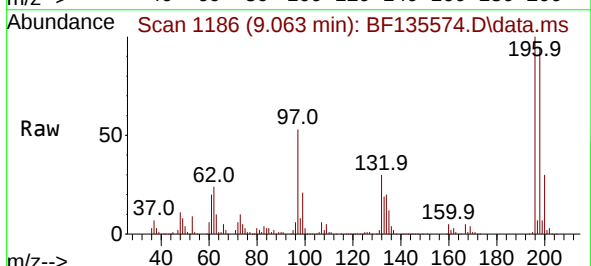
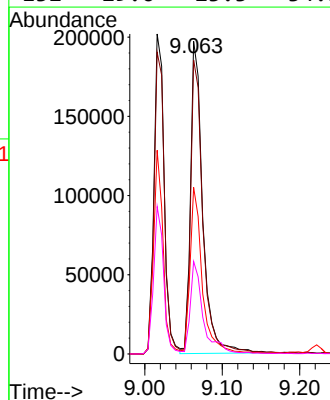
RT: 9.063 min Scan# 1186

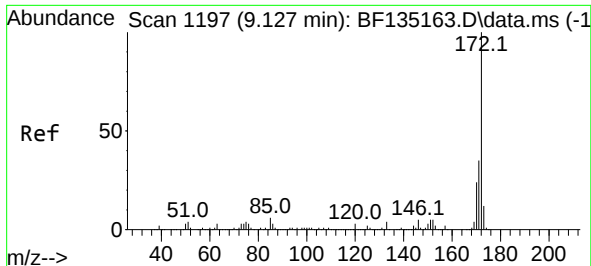
Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion:196 Resp: 215923
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.5 116.3
 97 53.3 40.5 60.7
 132 29.6 23.3 34.9





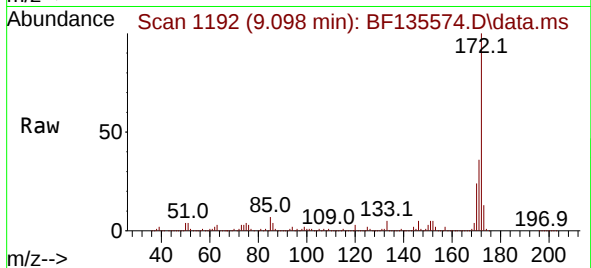
#45
2-Fluorobiphenyl
Concen: 72.749 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

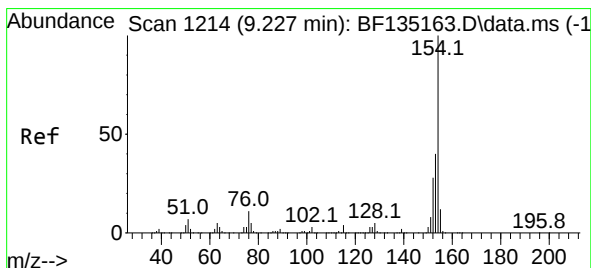
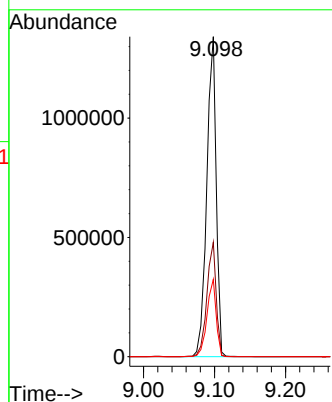
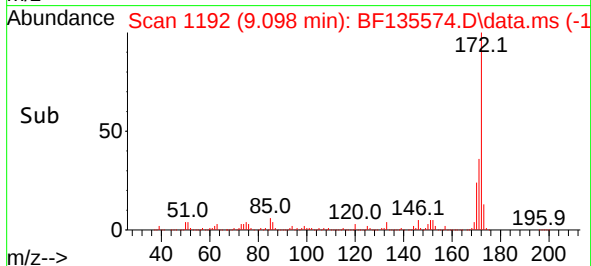


Tgt Ion:172 Resp: 1242159
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.1 19.0 28.4

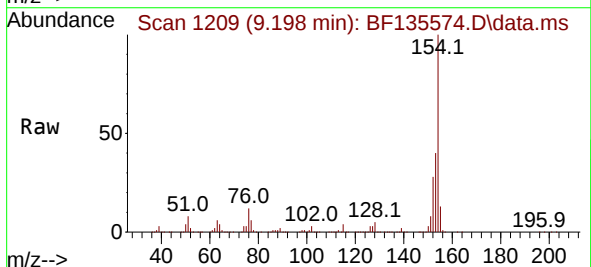
Manual Integrations

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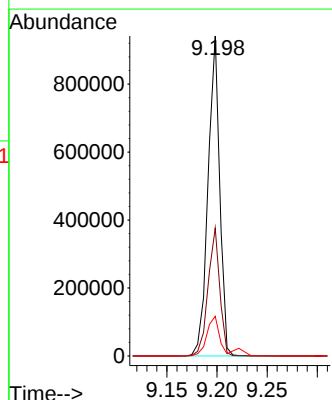
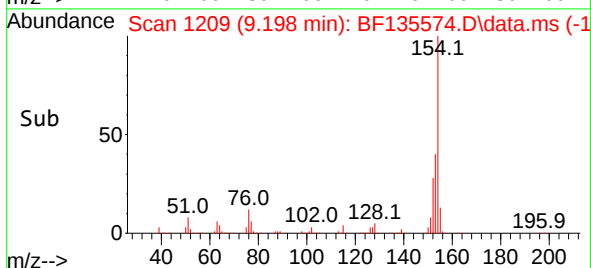
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#46
1,1'-Biphenyl
Concen: 38.760 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:154 Resp: 767322
Ion Ratio Lower Upper
154 100
153 40.0 19.6 59.6
76 12.4 0.0 31.0





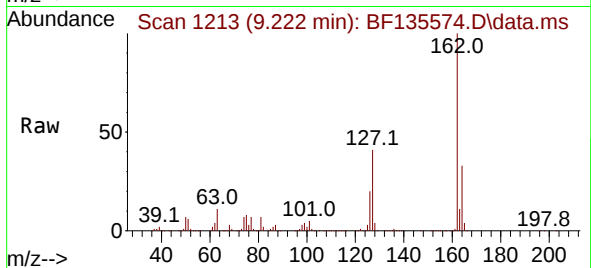
#47
2-Chloronaphthalene
Concen: 39.346 ng
RT: 9.222 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

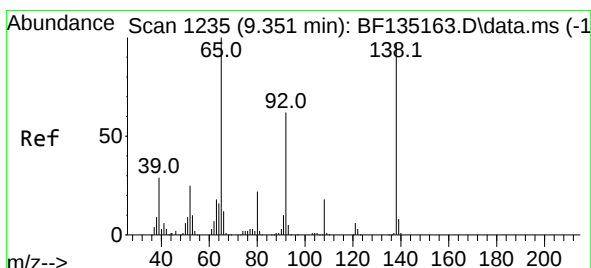
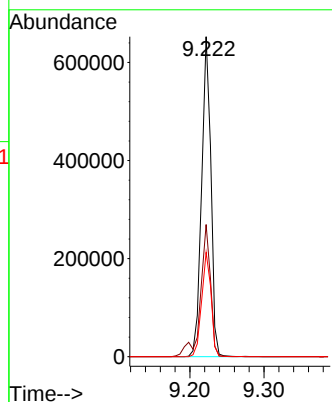
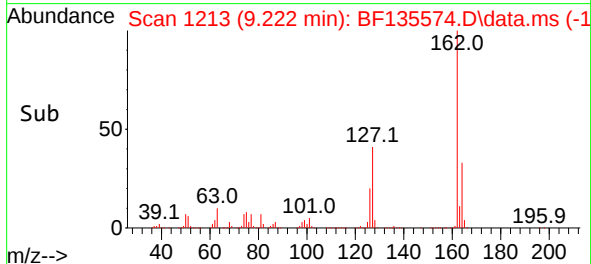


Tgt Ion:162 Resp: 565154
Ion Ratio Lower Upper
162 100
127 41.3 32.6 48.8
164 32.6 26.2 39.2

Manual Integrations

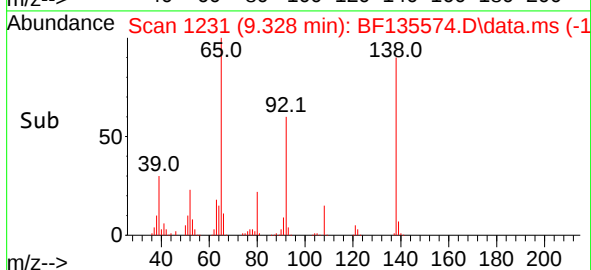
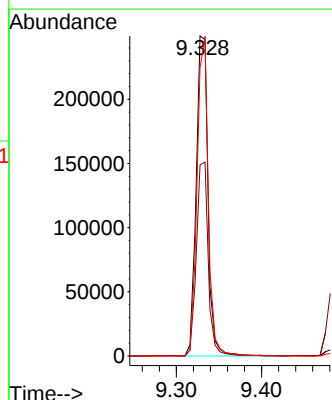
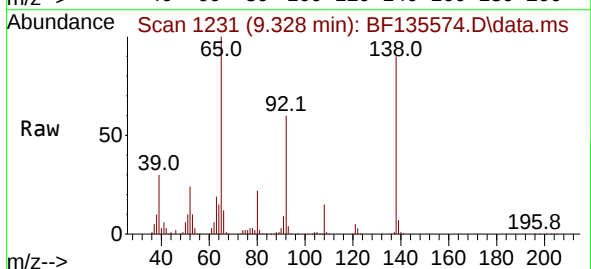
APPROVED

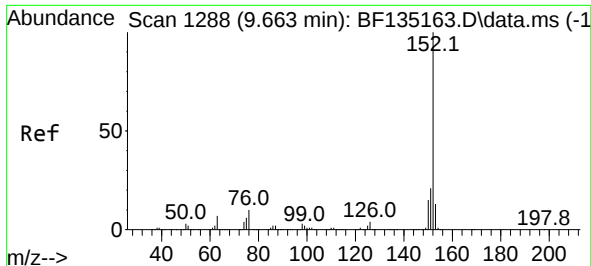
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#48
2-Nitroaniline
Concen: 43.039 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

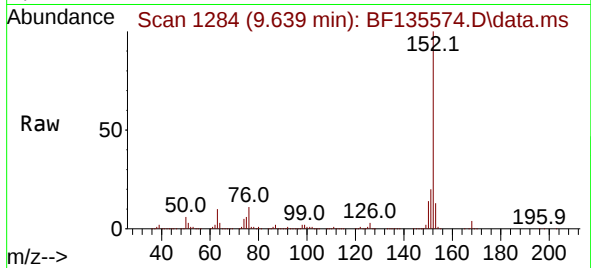
Tgt Ion: 65 Resp: 240170
Ion Ratio Lower Upper
65 100
92 59.7 49.4 74.0
138 90.1 77.4 116.0





#49
Acenaphthylene
Concen: 38.013 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

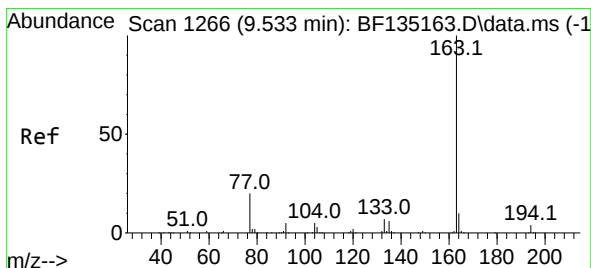
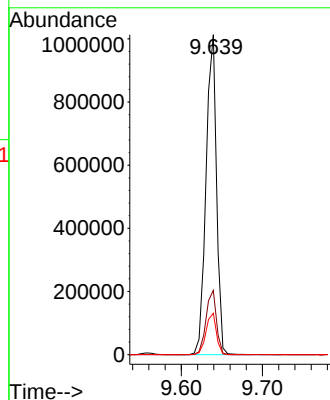
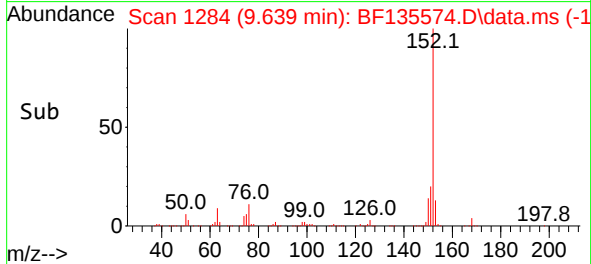
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



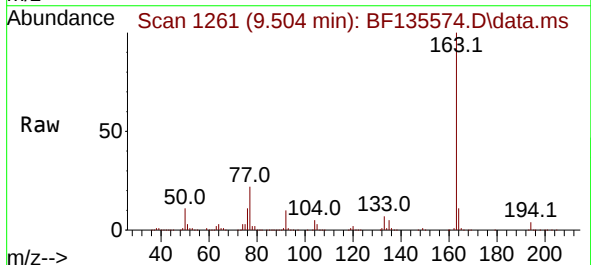
Tgt Ion:152 Resp: 907420
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 12.9 10.4 15.6

Manual Integrations
APPROVED

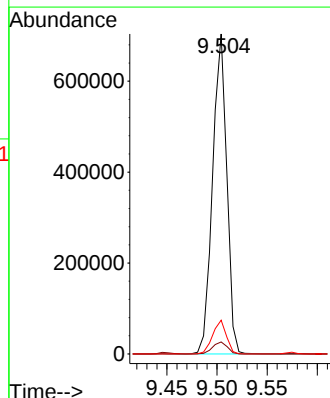
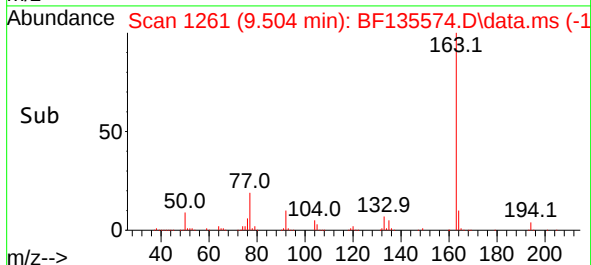
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

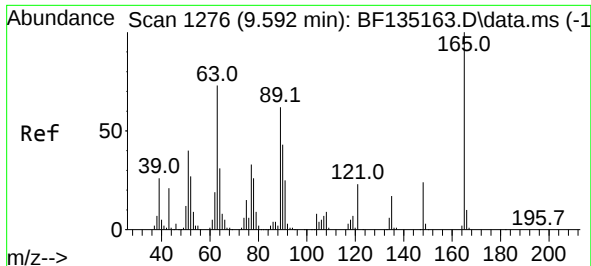


#50
Dimethylphthalate
Concen: 39.813 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:163 Resp: 693413
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.488 ng

RT: 9.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135574.D

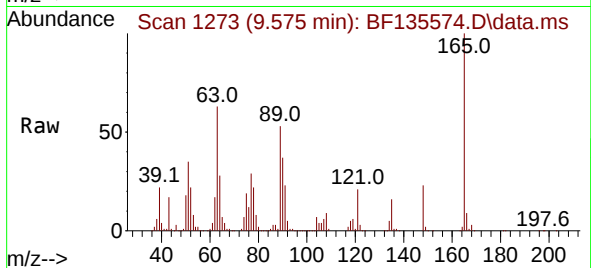
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



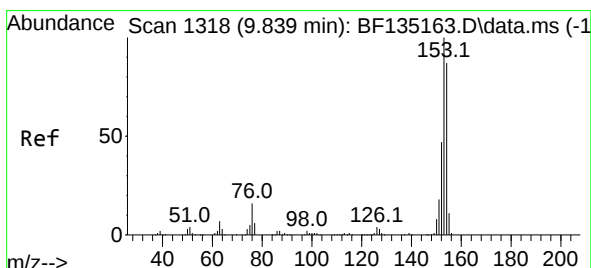
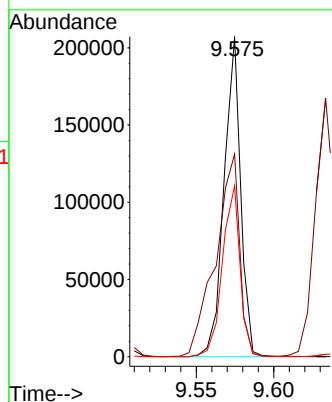
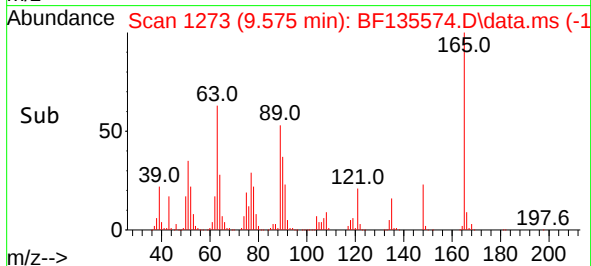
Tgt Ion:165	Resp:	154480
Ion Ratio	Lower	Upper
165	100	
63	63.3	59.4 89.2
89	53.4	49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#52

Acenaphthene

Concen: 39.608 ng

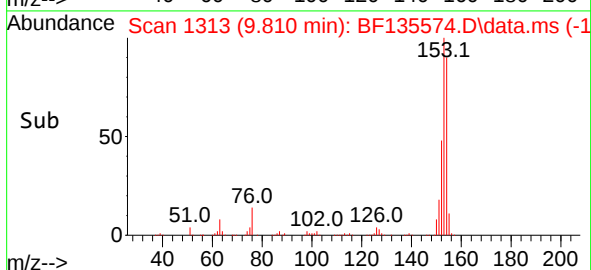
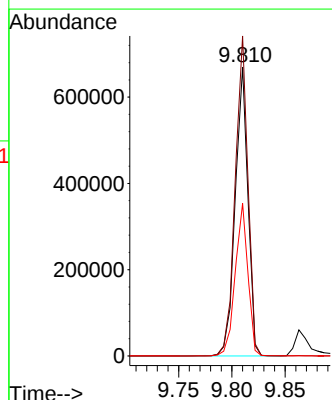
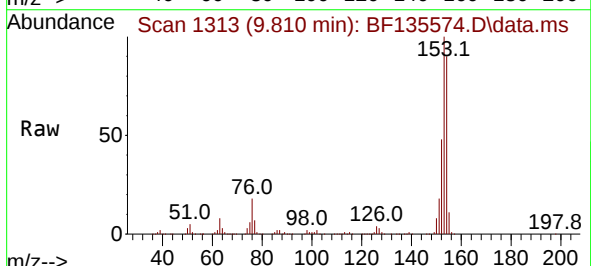
RT: 9.810 min Scan# 1313

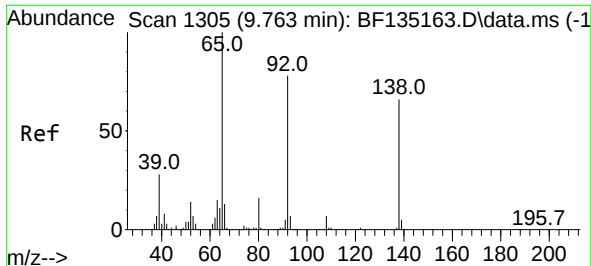
Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

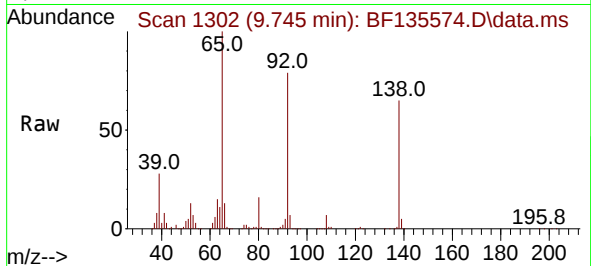
Tgt Ion:154	Resp:	558541
Ion Ratio	Lower	Upper
154	100	
153	110.7	92.1 138.1
152	52.8	43.1 64.7





#53
3-Nitroaniline
Concen: 41.475 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

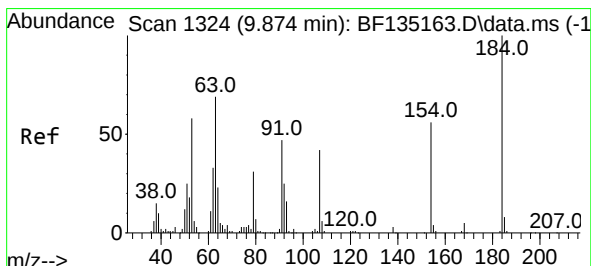
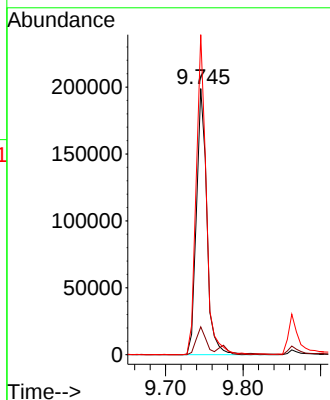
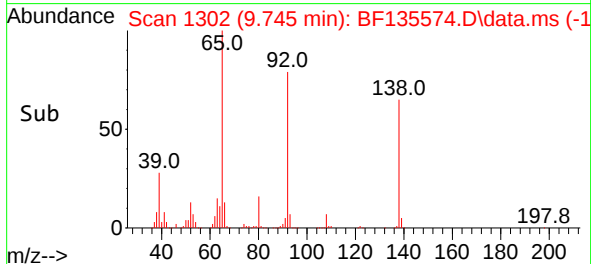
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:138 Resp: 185750
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 120.2 95.4 143.0

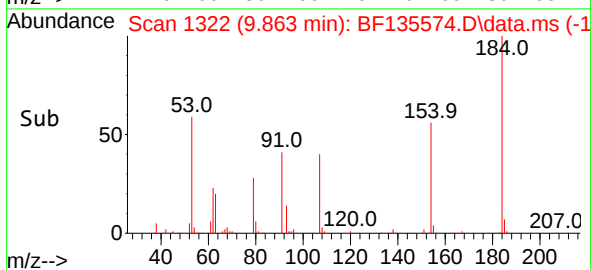
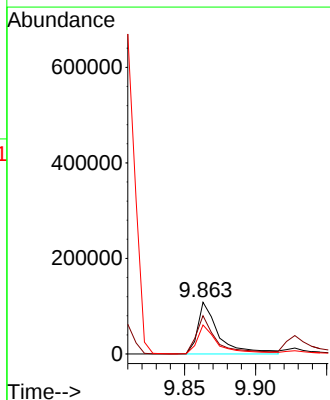
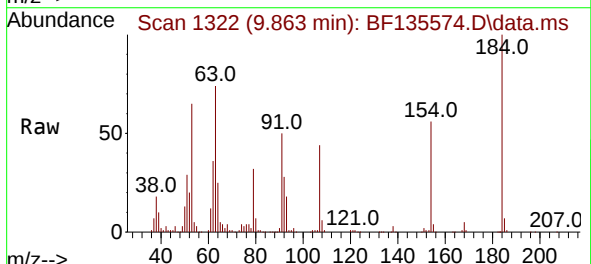
Manual Integrations
APPROVED

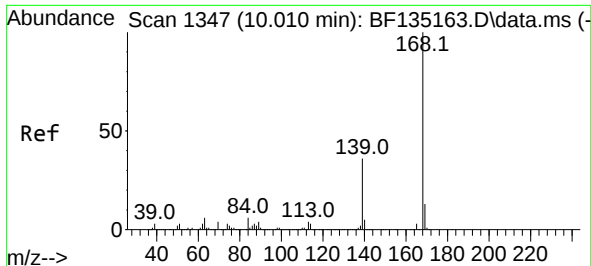
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#54
2,4-Dinitrophenol
Concen: 53.984 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:184 Resp: 112156
Ion Ratio Lower Upper
184 100
63 74.1 55.1 82.7
154 56.0 48.4 72.6





#55
Dibenzenofuran
Concen: 36.998 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

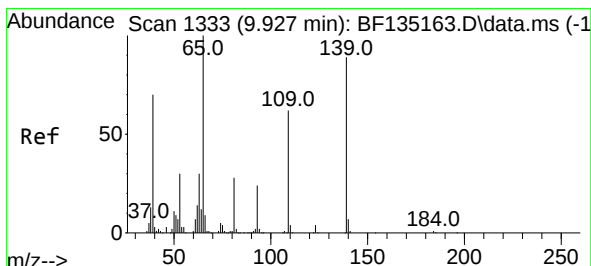
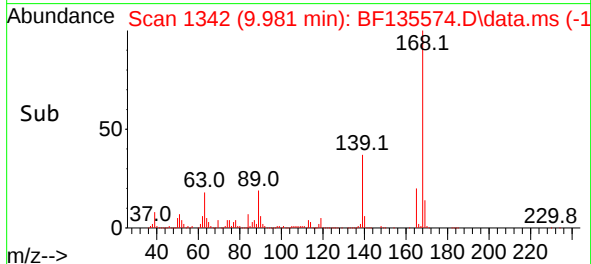
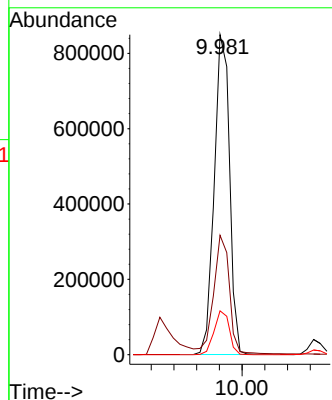
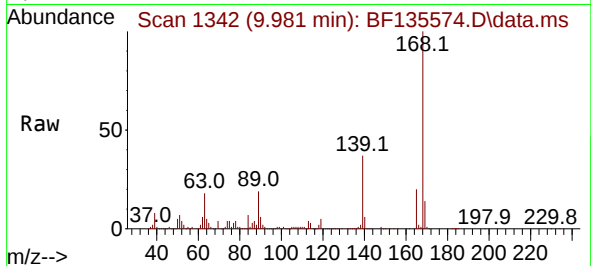
ClientSampleId :

SSTDCCC040EC

Tgt Ion:168 Resp: 79616
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 13.7 10.4 15.6

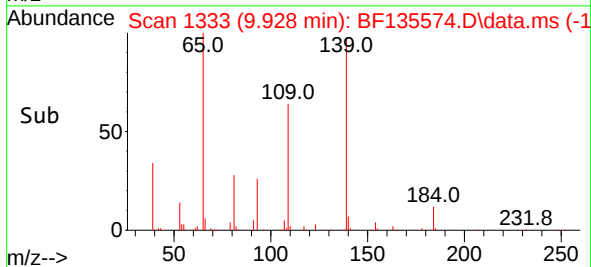
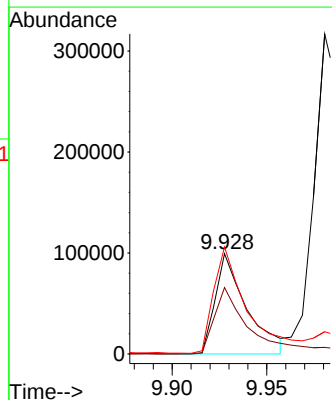
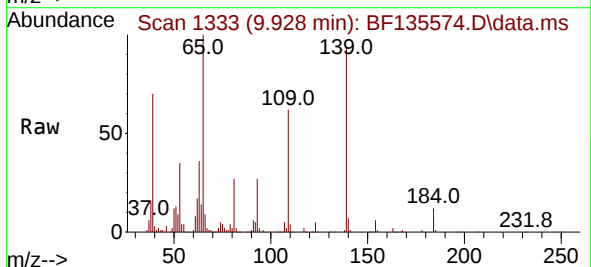
Manual Integrations
APPROVED

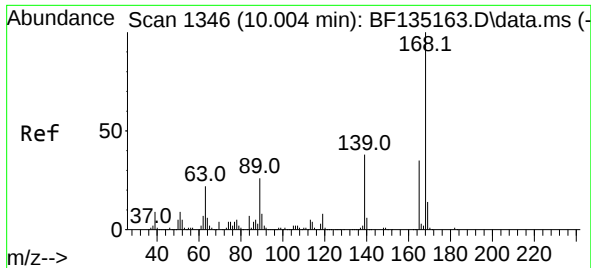
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#56
4-Nitrophenol
Concen: 40.184 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Tgt Ion:139 Resp: 114383
Ion Ratio Lower Upper
139 100
109 66.2 49.8 89.8
65 106.8 92.7 132.7





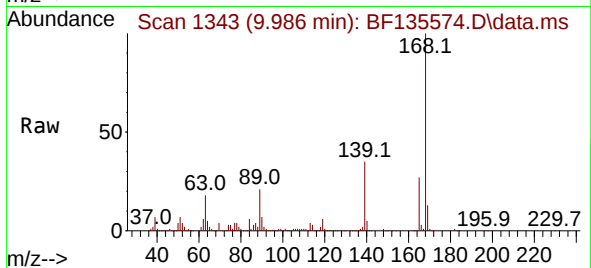
#57
2,4-Dinitrotoluene
Concen: 37.942 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

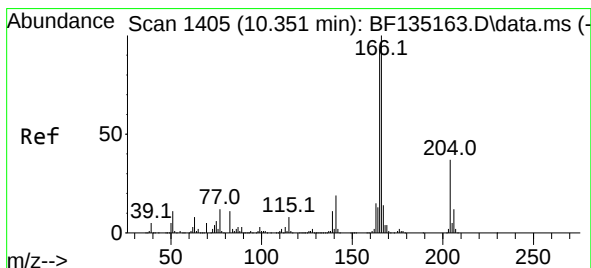
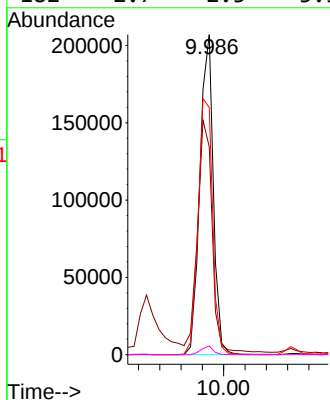
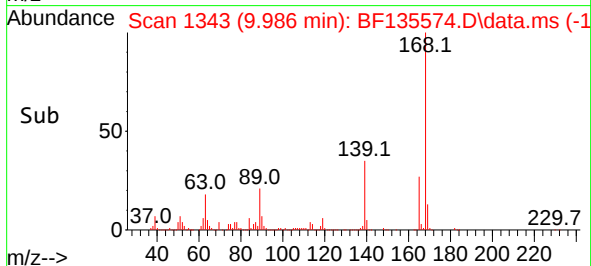


Tgt Ion:165 Resp: 18123
Ion Ratio Lower Upper
165 100
63 65.0 50.1 75.1
89 77.2 59.3 88.9
182 2.7 2.3 3.5

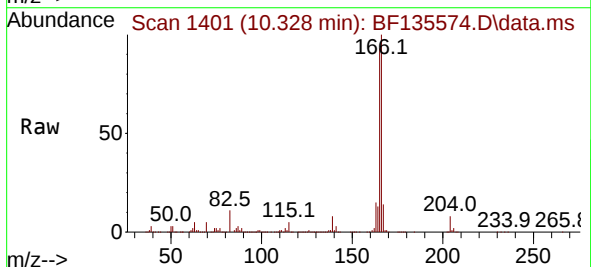
Manual Integrations

APPROVED

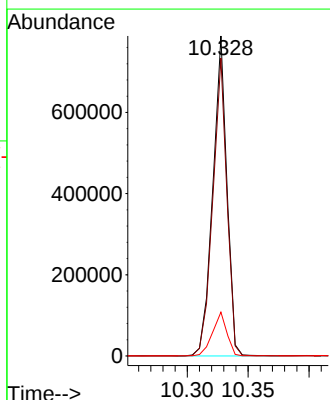
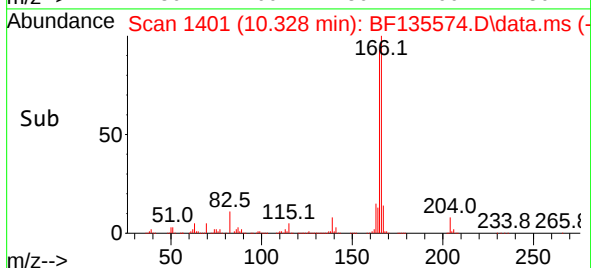
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

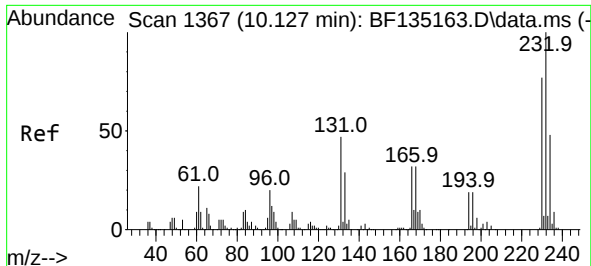


#58
Fluorene
Concen: 38.439 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



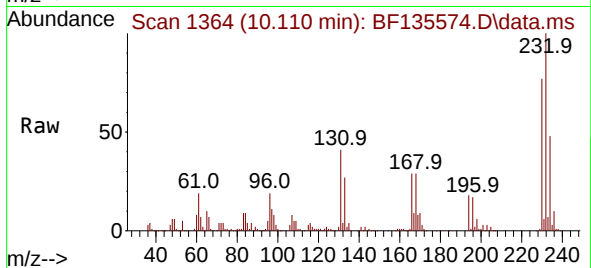
Tgt Ion:166 Resp: 635909
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.658 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

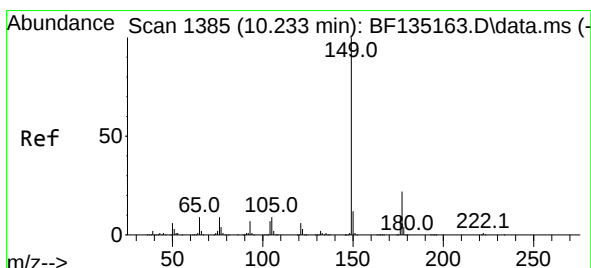
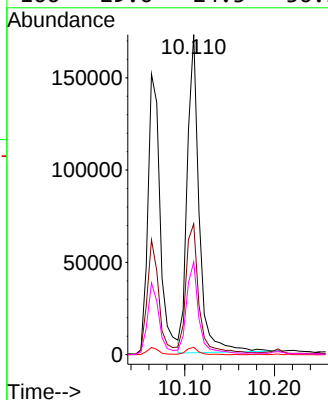
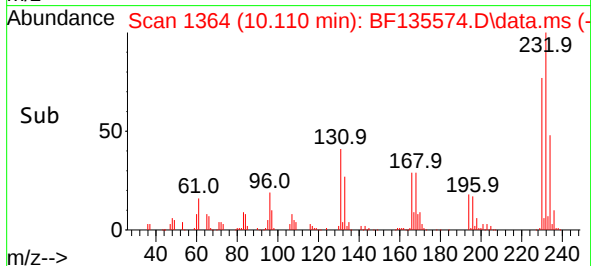
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



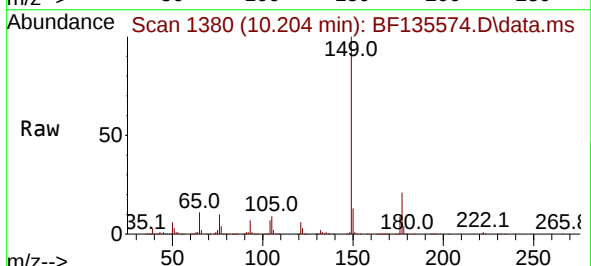
Tgt Ion:232 Resp: 158681
Ion Ratio Lower Upper
232 100
131 44.5 35.4 53.2
130 2.5 1.8 2.8
166 29.6 24.3 36.5

Manual Integrations
APPROVED

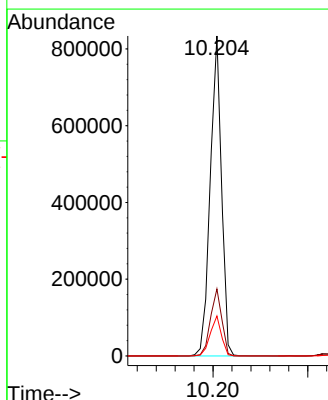
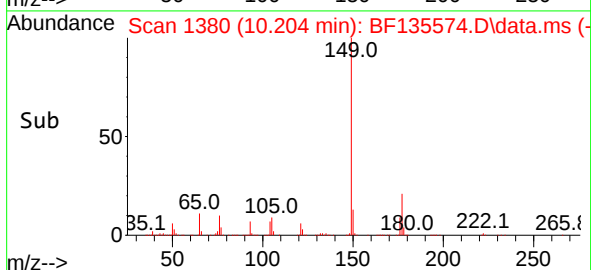
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

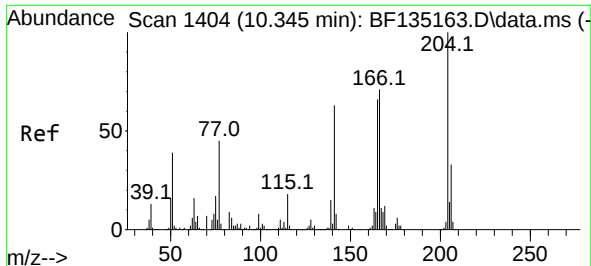


#60
Diethylphthalate
Concen: 39.290 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



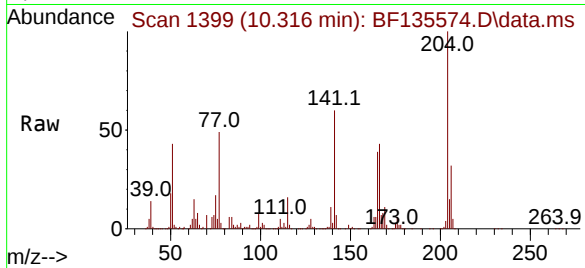
Tgt Ion:149 Resp: 686771
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.307 ng
RT: 10.316 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

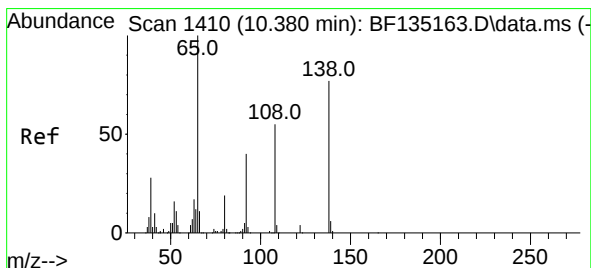
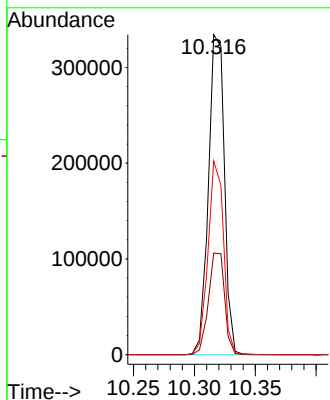
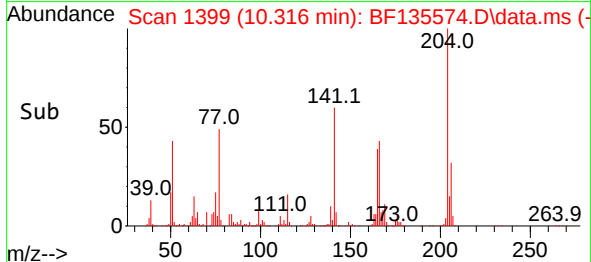
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 304410
Ion Ratio Lower Upper
204 100
206 31.7 26.7 40.1
141 60.5 50.6 75.8

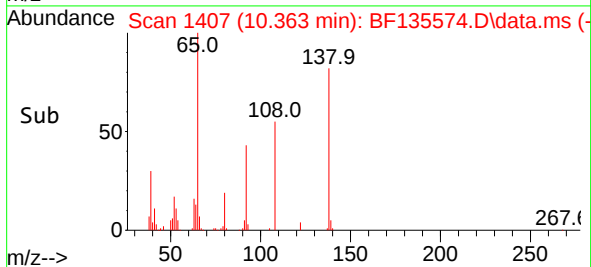
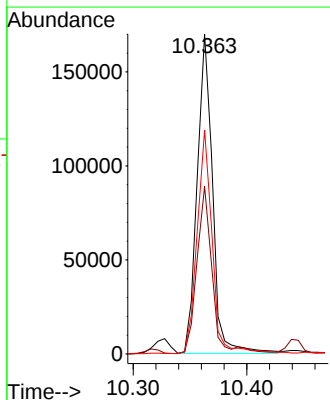
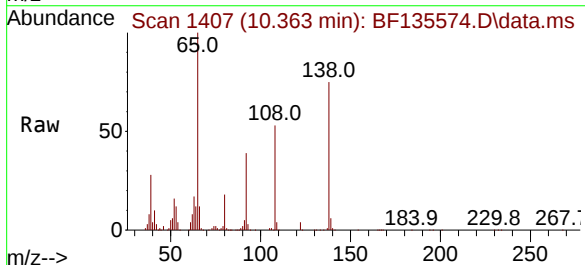
Manual Integrations
APPROVED

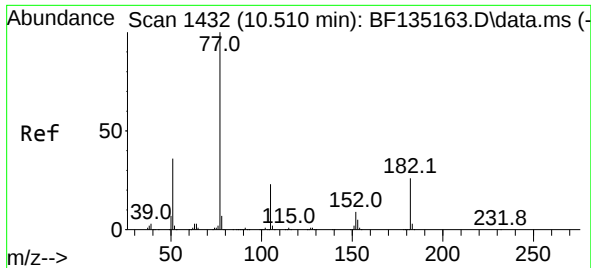
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#62
4-Nitroaniline
Concen: 37.090 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

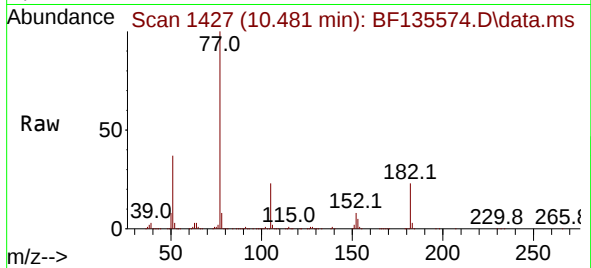
Tgt Ion:138 Resp: 159677
Ion Ratio Lower Upper
138 100
92 52.4 31.8 71.8
108 70.0 52.0 92.0





#63
Azobenzene
Concen: 41.049 ng
RT: 10.481 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

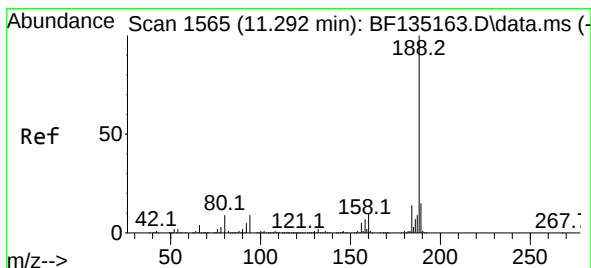
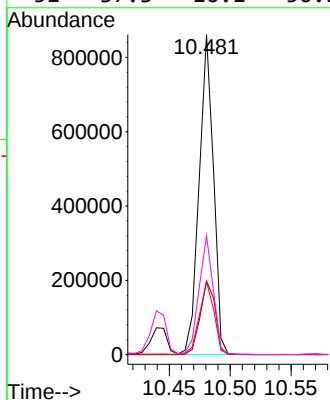
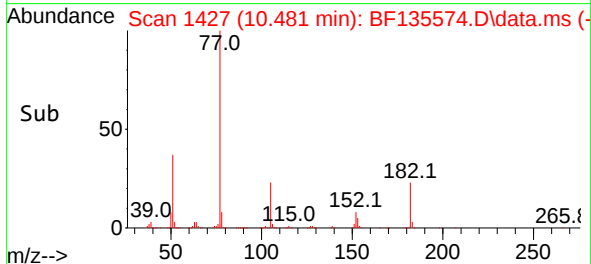
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



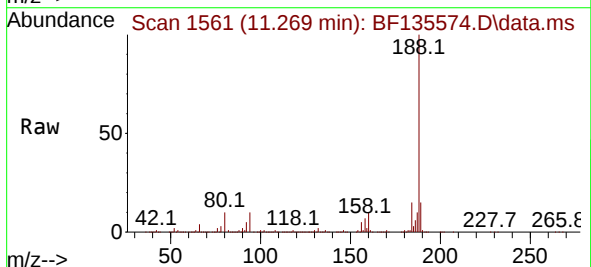
Tgt Ion: 77 Resp: 702224
Ion Ratio Lower Upper
77 100
182 23.1 6.4 46.4
105 22.8 3.1 43.1
51 37.3 16.1 56.1

Manual Integrations
APPROVED

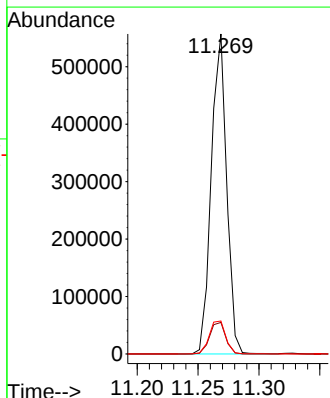
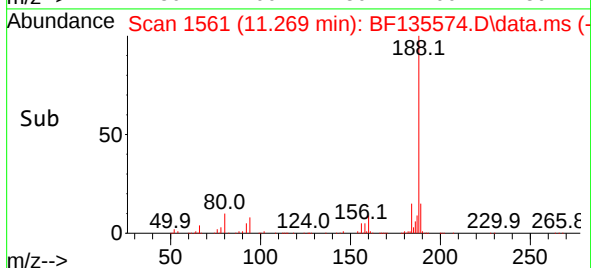
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

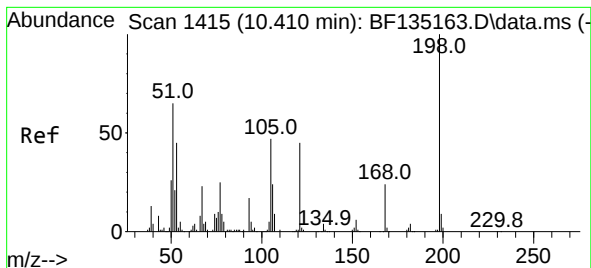


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



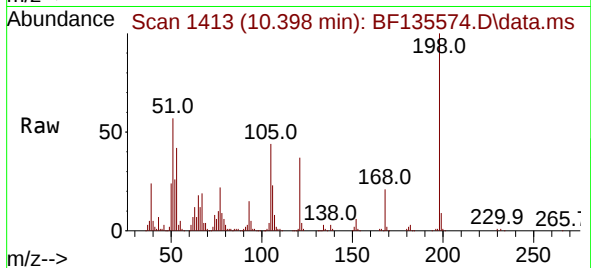
Tgt Ion:188 Resp: 490746
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 41.520 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

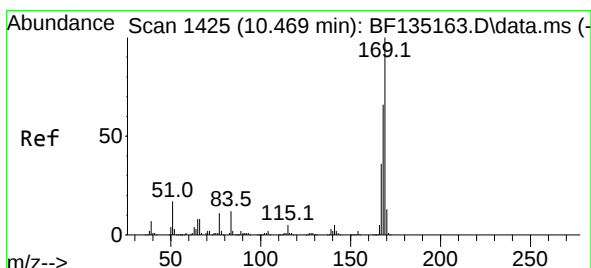
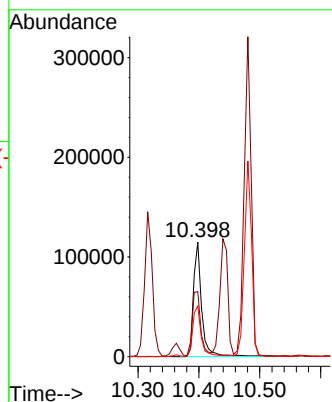
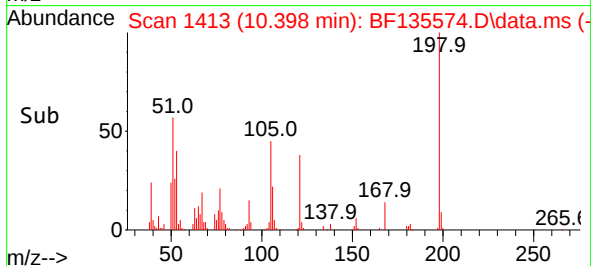
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



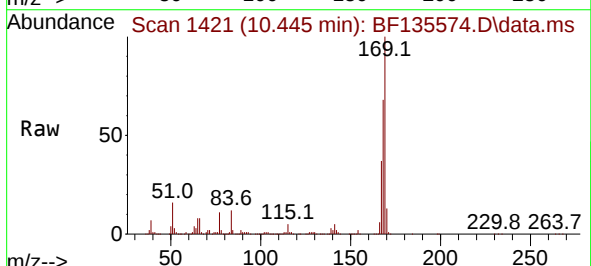
Tgt Ion:198 Resp: 108221
Ion Ratio Lower Upper
198 100
51 56.7 47.7 87.7
105 44.1 27.4 67.4

Manual Integrations
APPROVED

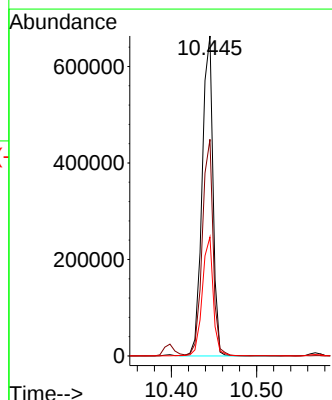
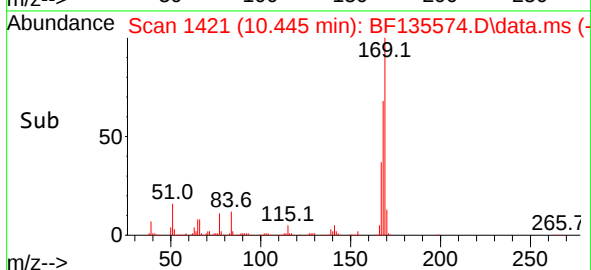
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

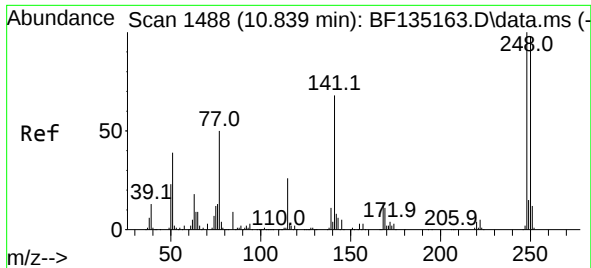


#66
n-Nitrosodiphenylamine
Concen: 39.409 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



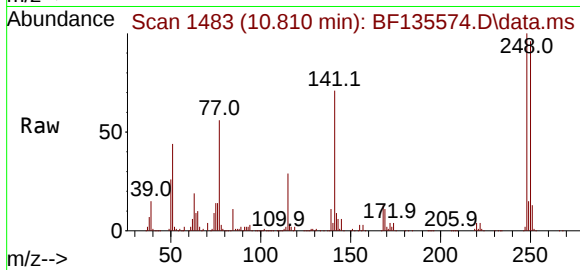
Tgt Ion:169 Resp: 585513
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 38.773 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

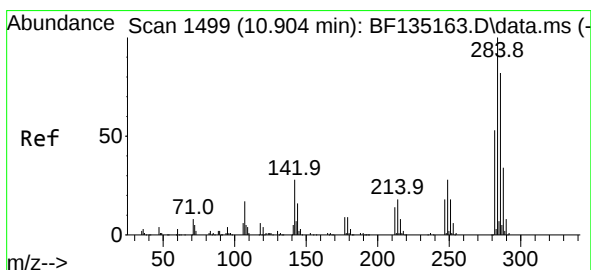
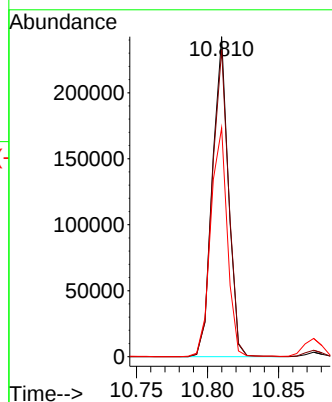
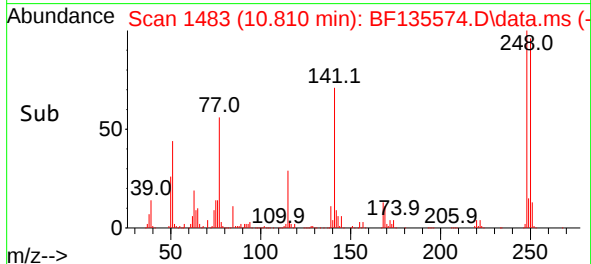
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



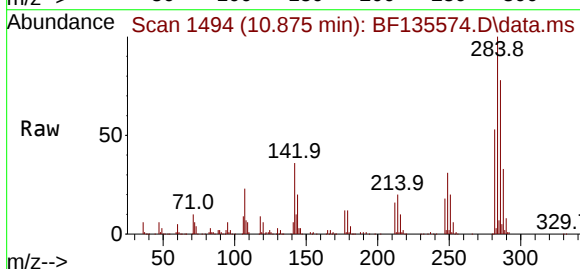
Tgt Ion:248 Resp: 18924
Ion Ratio Lower Upper
248 100
250 95.9 78.6 117.8
141 71.5 54.2 81.2

Manual Integrations
APPROVED

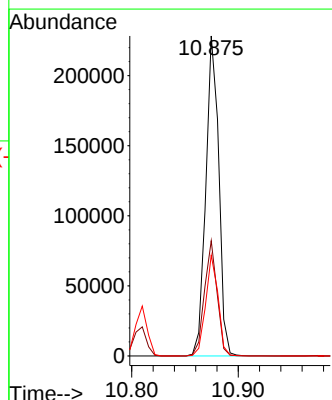
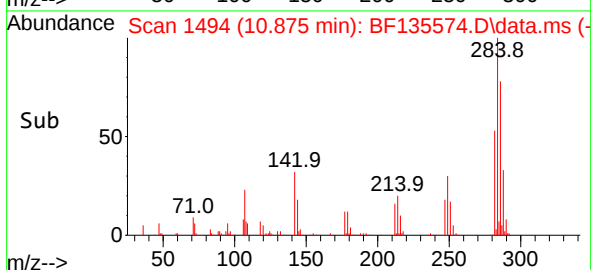
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

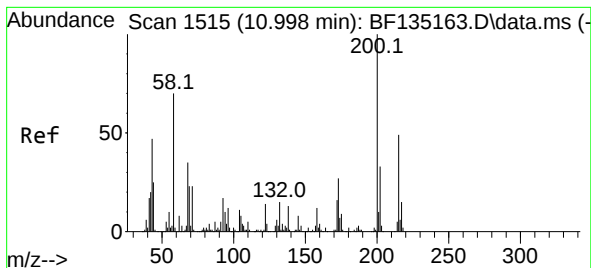


#68
Hexachlorobenzene
Concen: 38.952 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:284 Resp: 193686
Ion Ratio Lower Upper
284 100
142 36.0 22.2 33.4#
249 31.5 22.5 33.7





#69

Atrazine

Concen: 37.244 ng

RT: 10.975 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135574.D

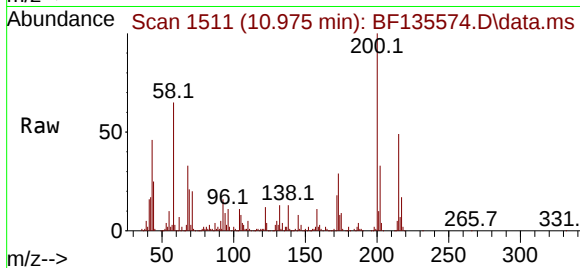
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:200 Resp: 148890

Ion Ratio Lower Upper

200 100

173 28.6 7.4 47.4

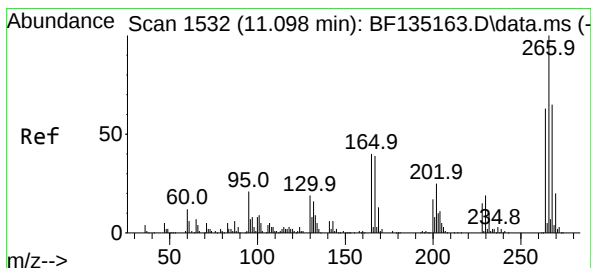
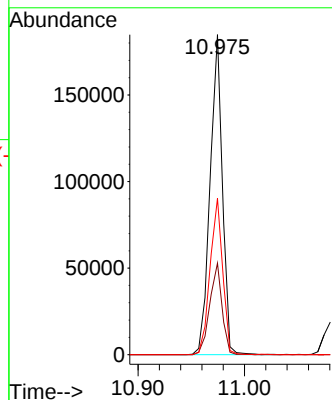
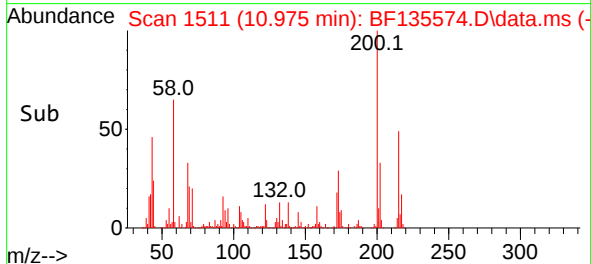
215 48.9 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#70

Pentachlorophenol

Concen: 37.654 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

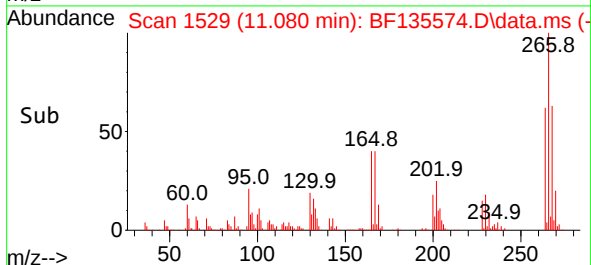
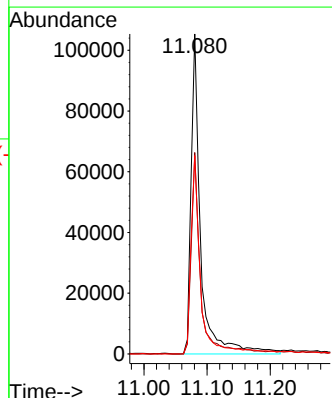
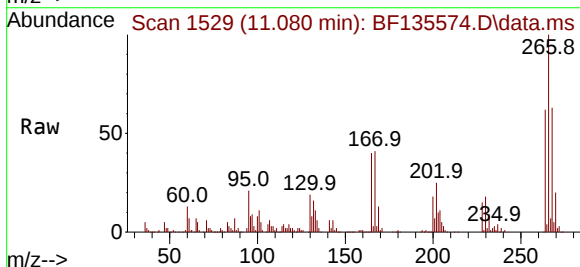
Tgt Ion:266 Resp: 112021

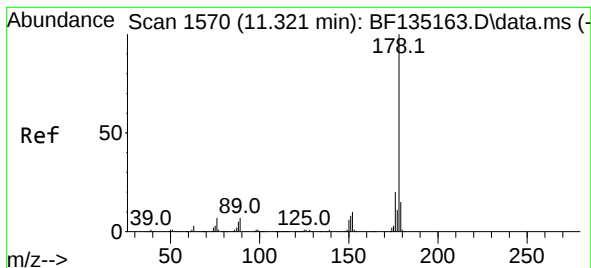
Ion Ratio Lower Upper

266 100

268 62.9 52.1 78.1

264 62.0 50.8 76.2





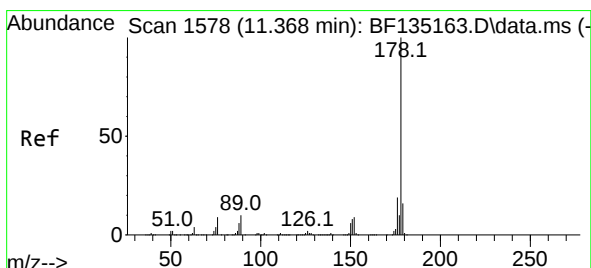
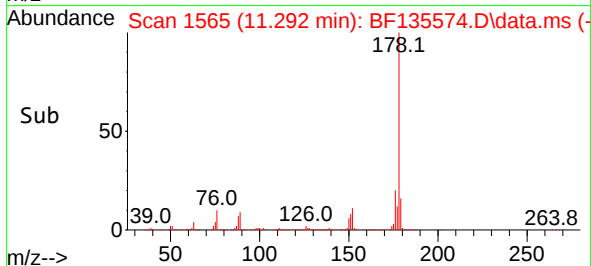
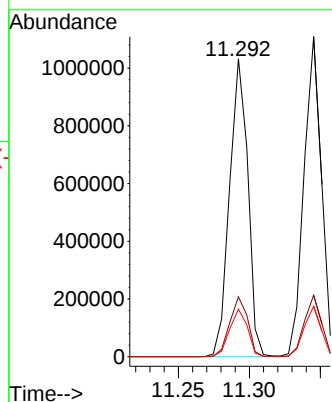
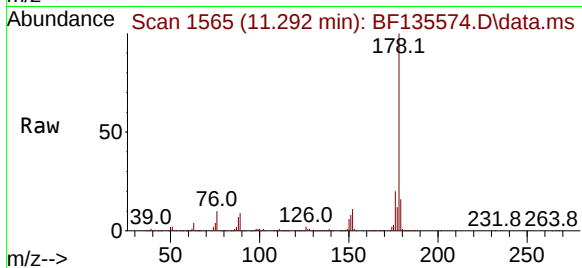
#71
Phenanthrene
Concen: 39.837 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 924635
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.9 12.0 18.0

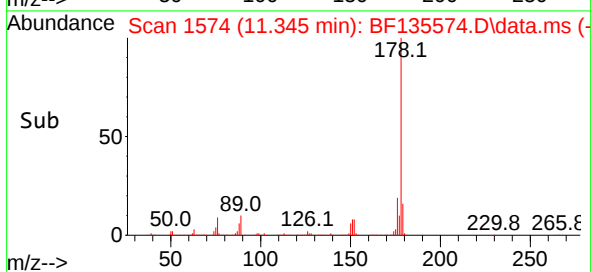
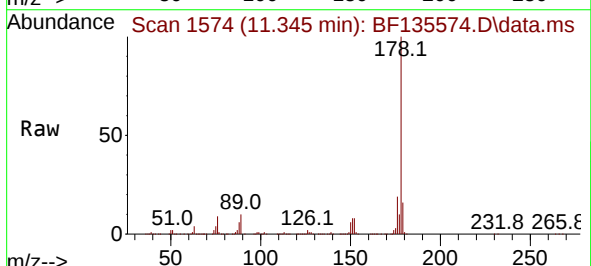
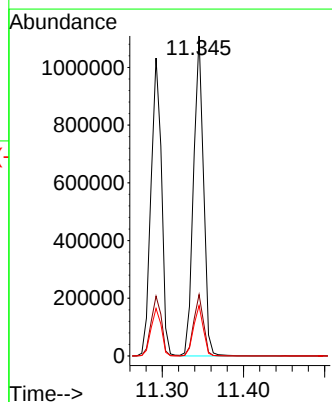
Manual Integrations
APPROVED

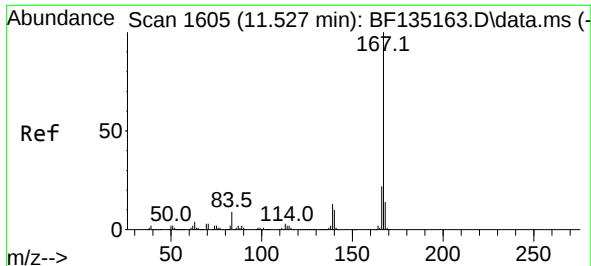
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Anthracene
Concen: 39.894 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

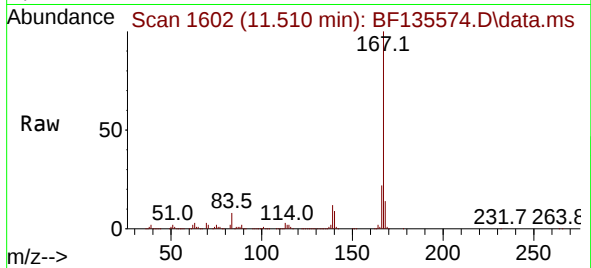
Tgt Ion:178 Resp: 951780
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 40.910 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40

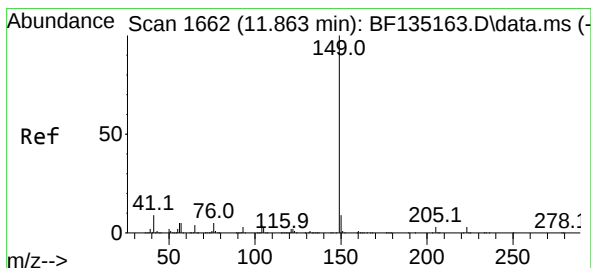
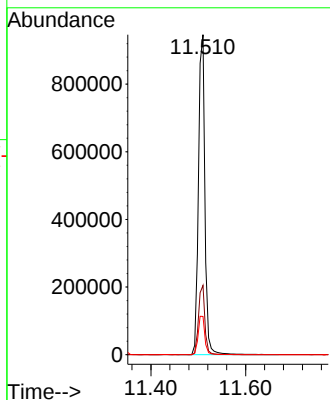
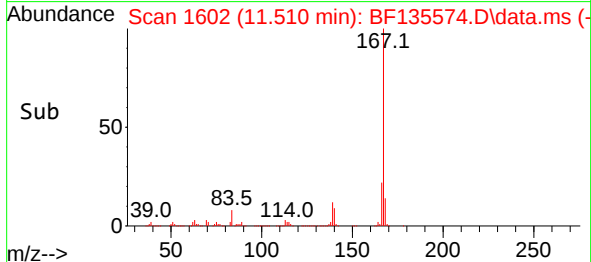
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



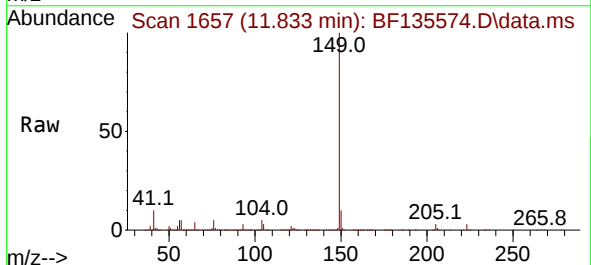
Tgt Ion:167 Resp: 888480
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.0 10.6 15.8

Manual Integrations
 APPROVED

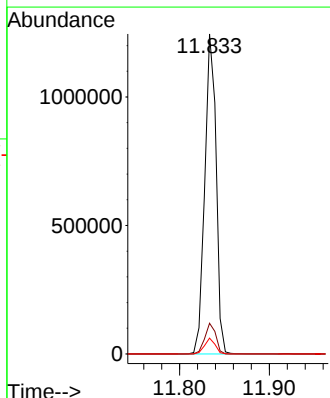
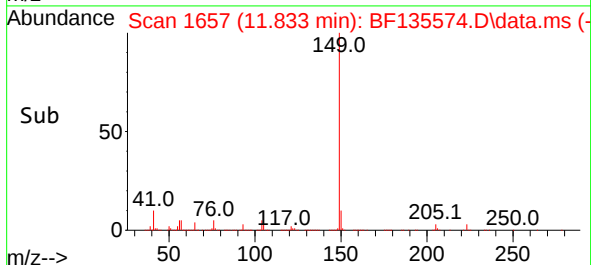
Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

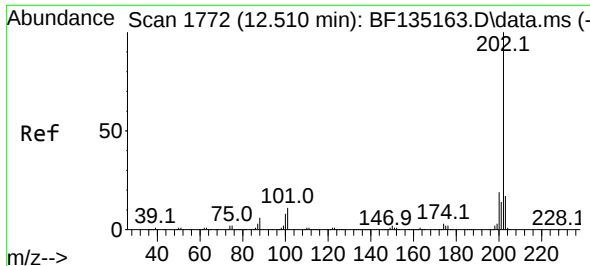


#74
 Di-n-butylphthalate
 Concen: 42.667 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF135574.D
 Acq: 04 Oct 2023 16:40



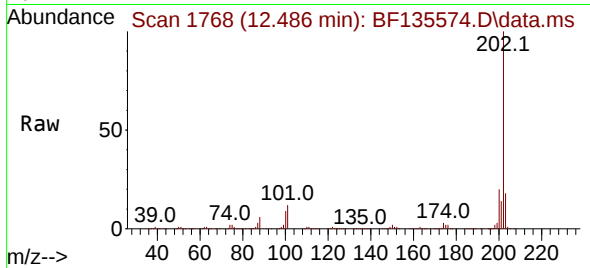
Tgt Ion:149 Resp: 1091896
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 40.123 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

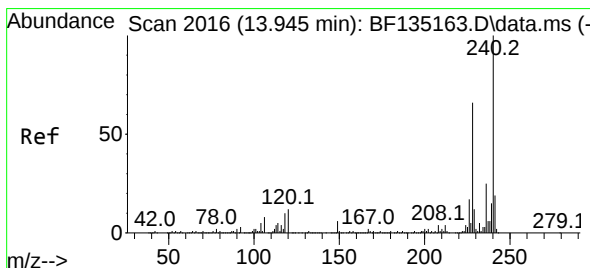
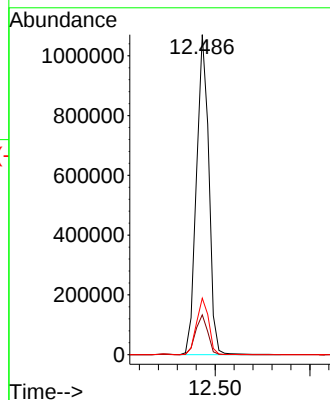
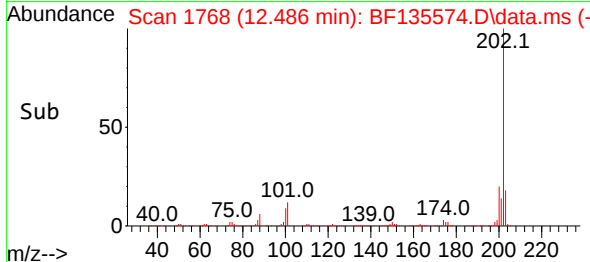
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



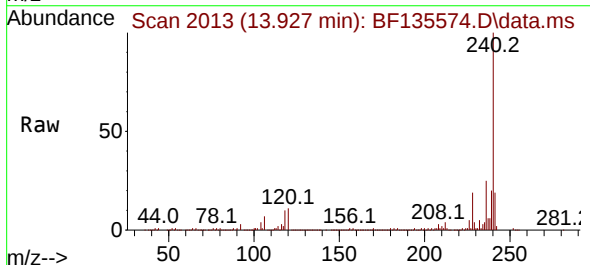
Tgt Ion:202 Resp: 97036
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.3
203 17.7 0.0 37.4

Manual Integrations
APPROVED

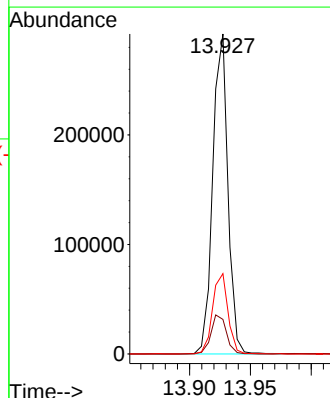
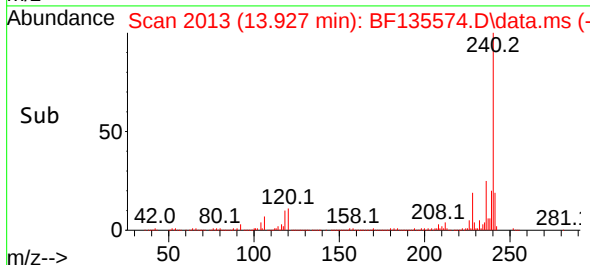
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

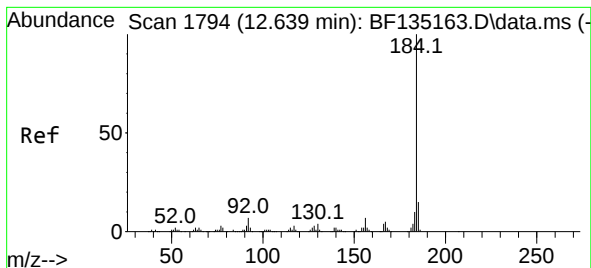


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:240 Resp: 253112
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 8.759 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

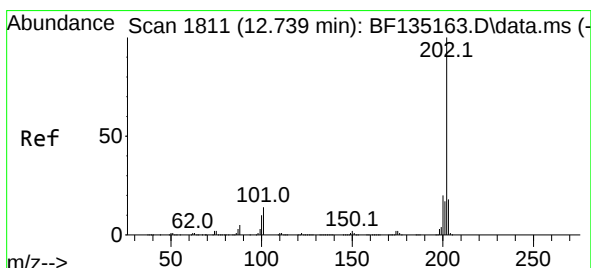
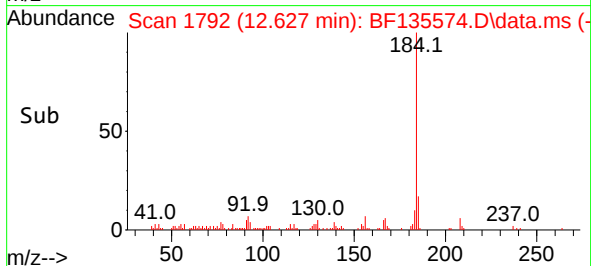
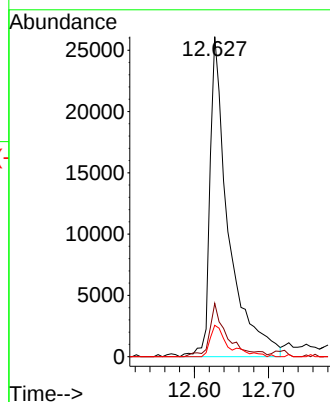
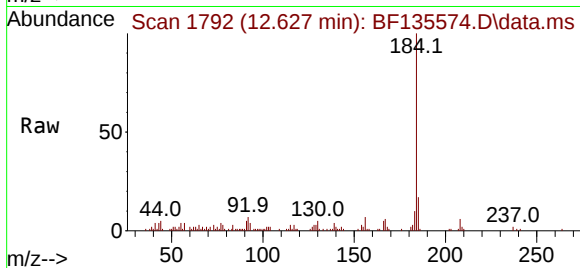
Tgt Ion:184	Resp:	4542
Ion Ratio	Lower	Upper
184	100	
185	16.6	11.7 17.5
183	9.8	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#78

Pyrene

Concen: 40.168 ng

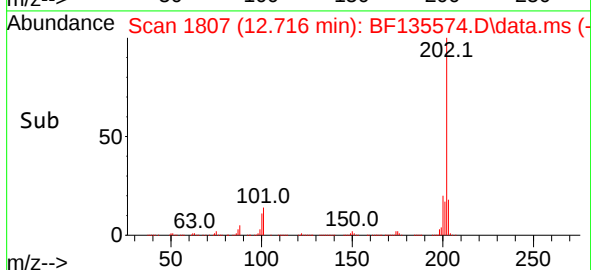
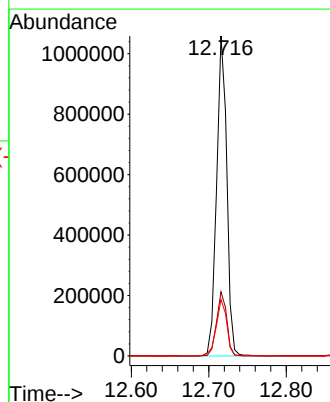
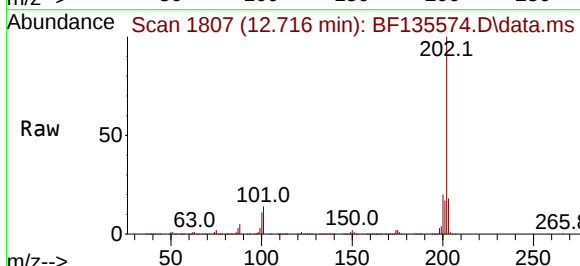
RT: 12.716 min Scan# 1807

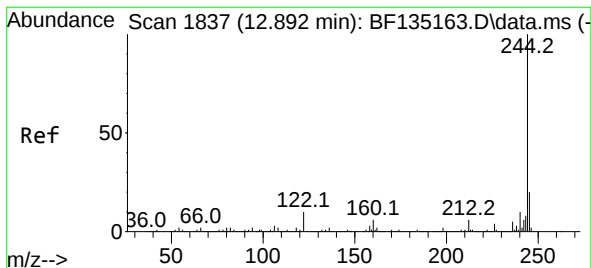
Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion:202	Resp:	967984
Ion Ratio	Lower	Upper
202	100	
200	20.0	16.2 24.2
203	17.7	14.2 21.4





#79

Terphenyl-d14

Concen: 75.876 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:244 Resp: 1238880

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

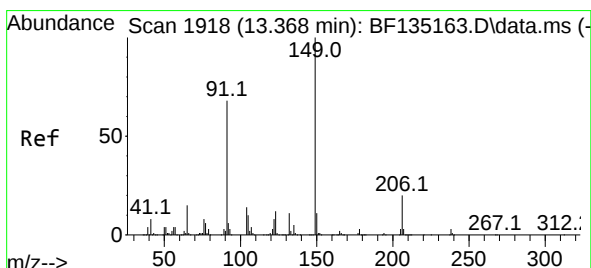
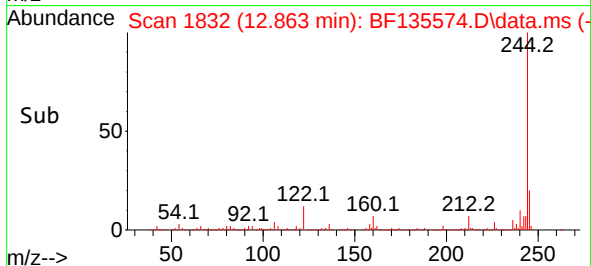
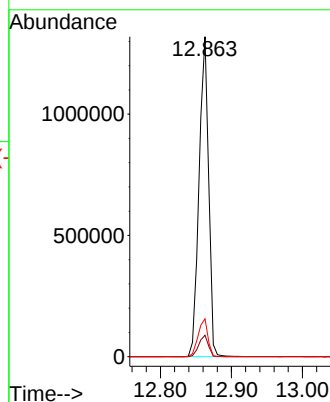
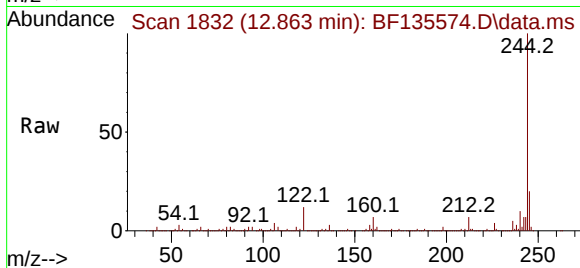
122 11.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#80

Butylbenzylphthalate

Concen: 48.515 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

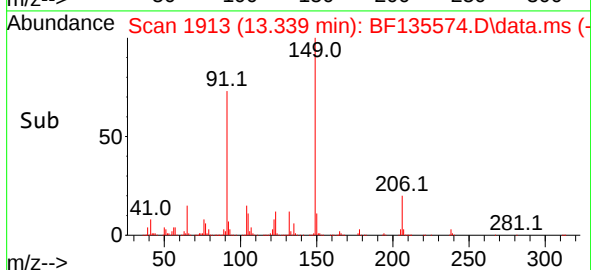
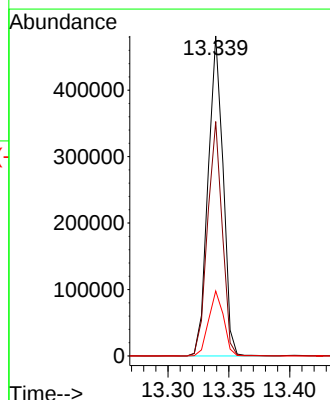
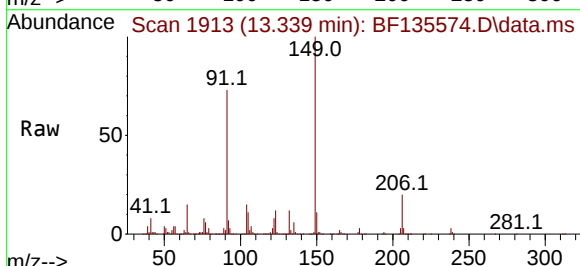
Tgt Ion:149 Resp: 411626

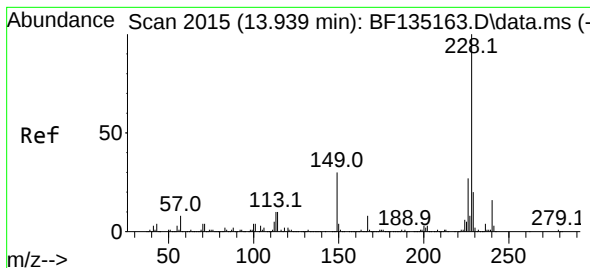
Ion Ratio Lower Upper

149 100

91 73.3 54.7 82.1

206 20.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 39.826 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 650919

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

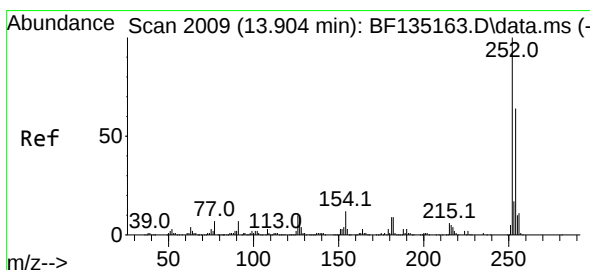
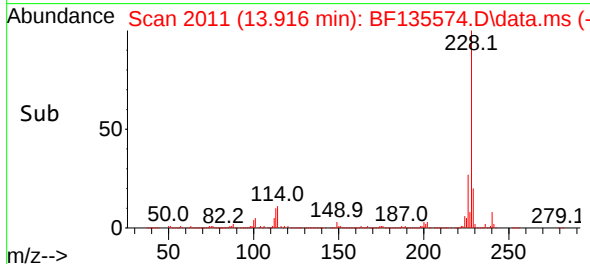
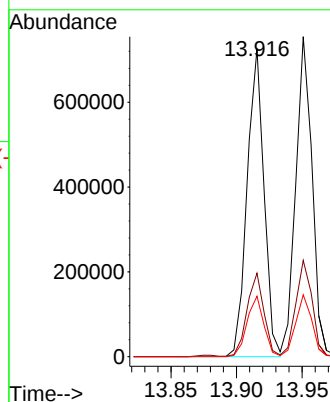
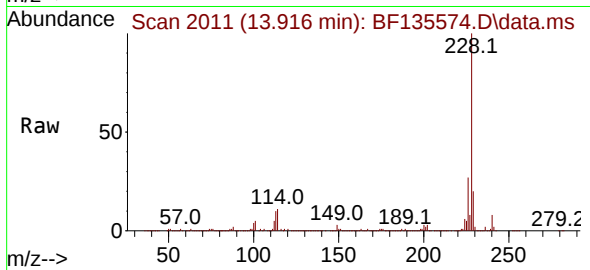
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.624 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

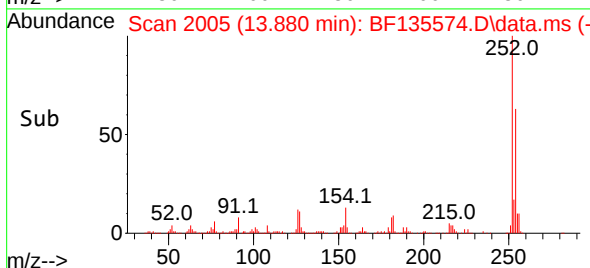
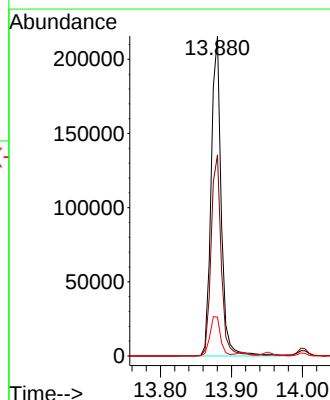
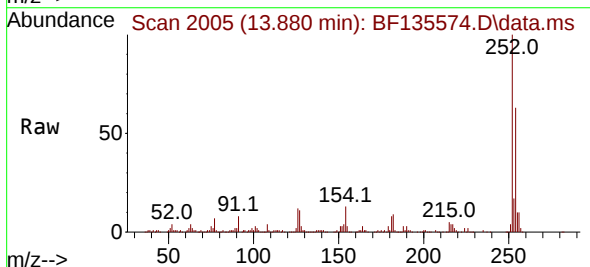
Tgt Ion:252 Resp: 212499

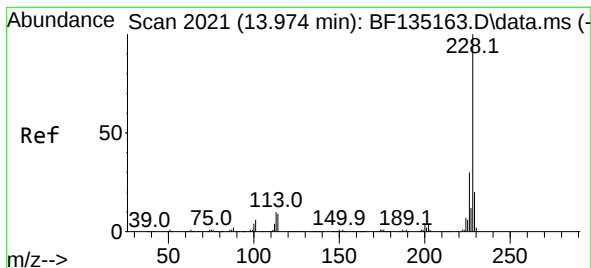
Ion Ratio Lower Upper

252 100

254 62.8 51.0 76.4

126 12.1 7.8 11.8#





#83

Chrysene

Concen: 40.225 ng

RT: 13.951 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

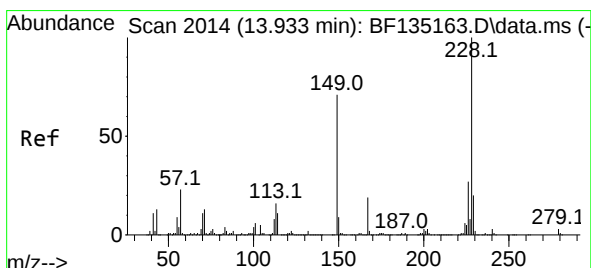
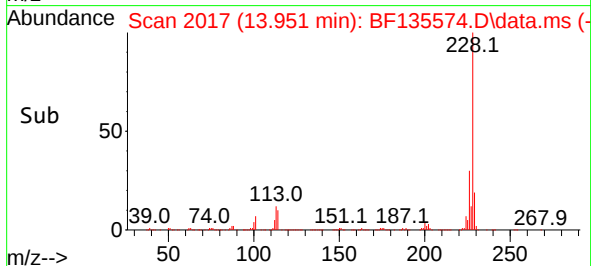
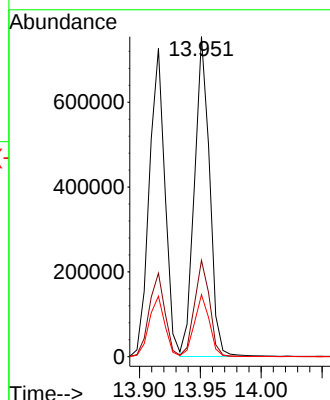
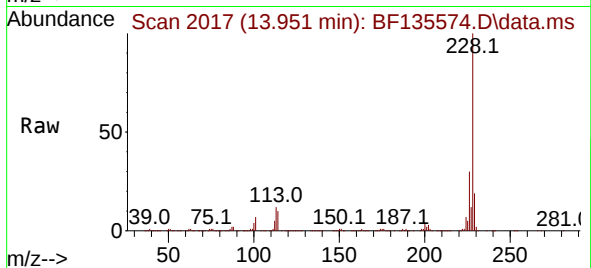
Tgt Ion:228	Resp: 65364
Ion Ratio	Lower Upper
228 100	
226 30.1	24.3 36.5
229 19.4	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.517 ng

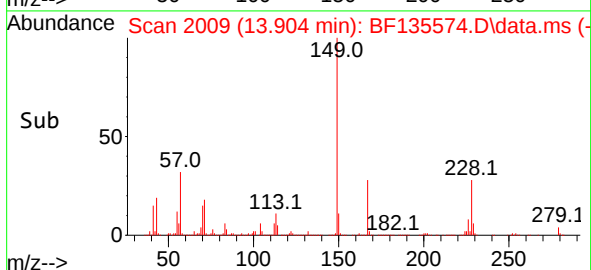
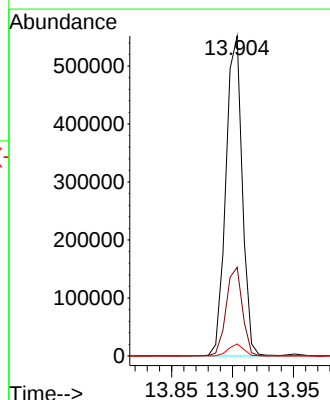
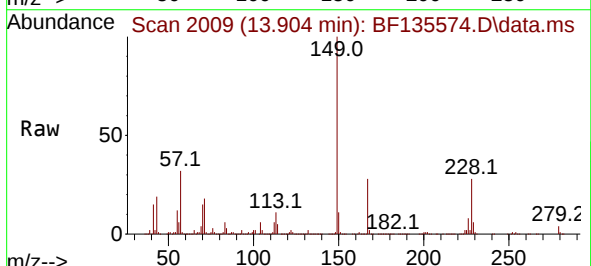
RT: 13.904 min Scan# 2009

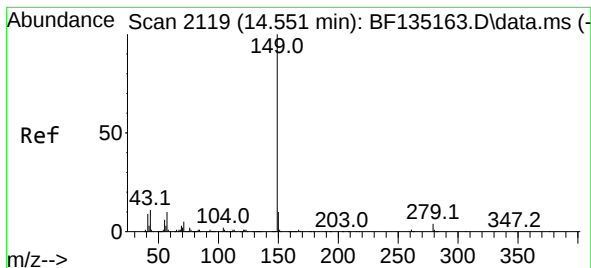
Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Tgt Ion:149	Resp: 518195
Ion Ratio	Lower Upper
149 100	
167 27.7	21.9 32.9
279 3.8	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.934 ng

RT: 14.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF135574.D

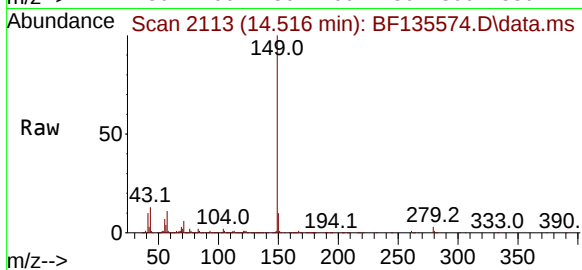
Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 746250

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

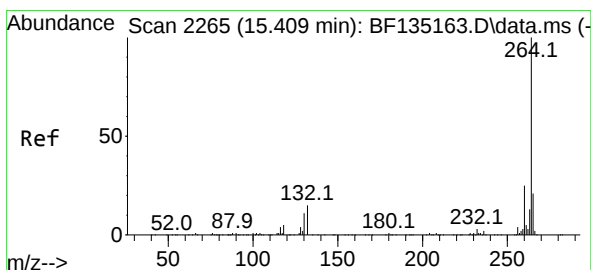
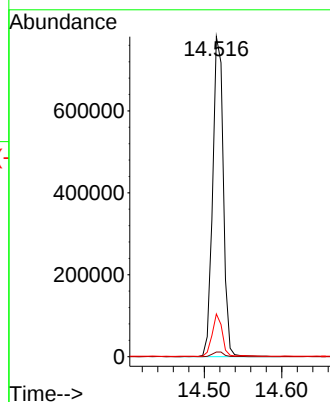
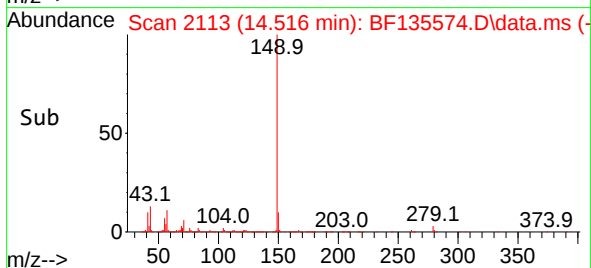
43 12.8 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :mohammad ahmed 10/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

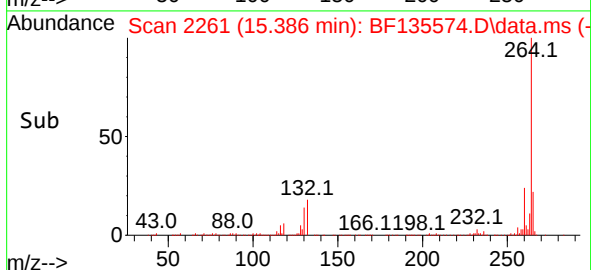
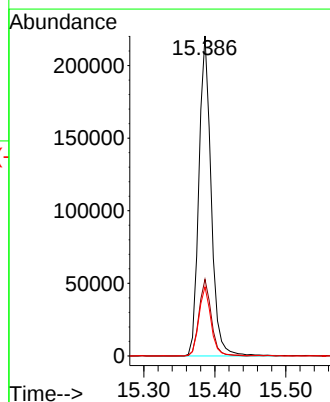
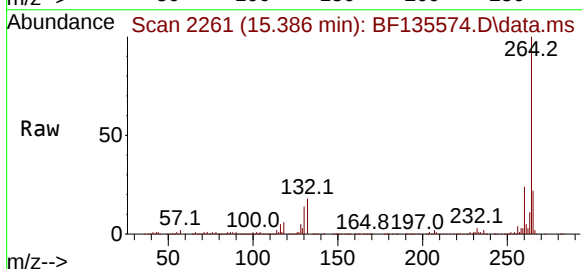
Tgt Ion:264 Resp: 264746

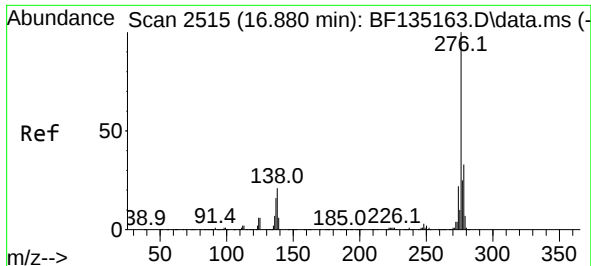
Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

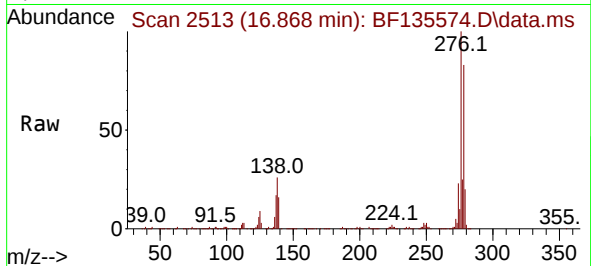
265 21.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.183 ng
RT: 16.868 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

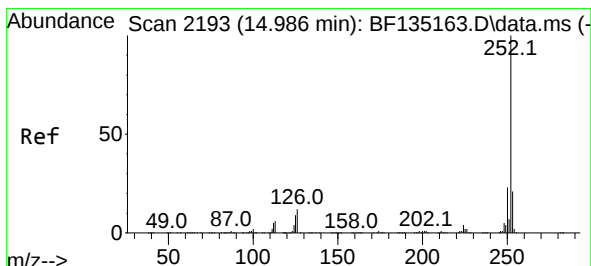
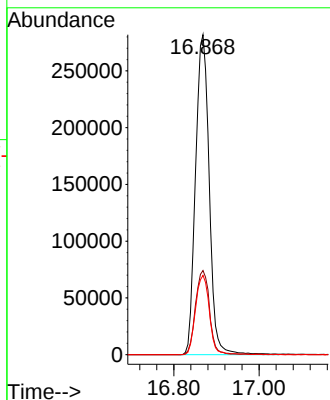
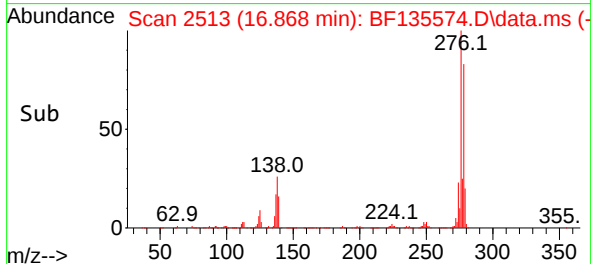
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



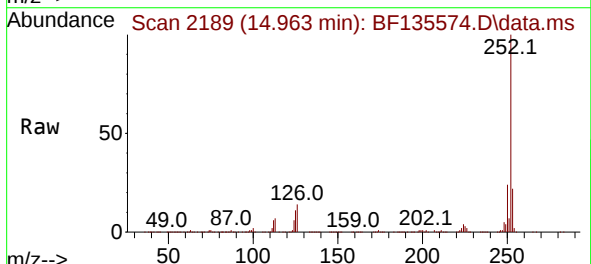
Tgt Ion: 276 Resp: 628070
Ion Ratio Lower Upper
276 100
138 27.0 19.2 28.8
277 24.8 19.7 29.5

Manual Integrations
APPROVED

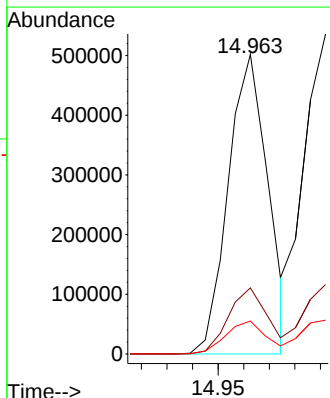
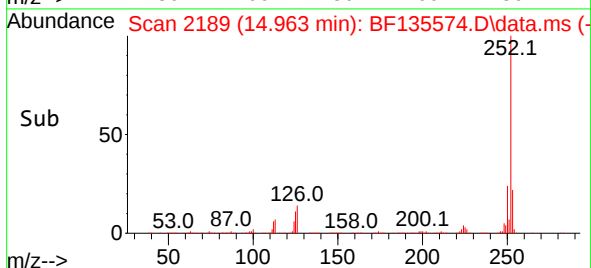
Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/06/2023

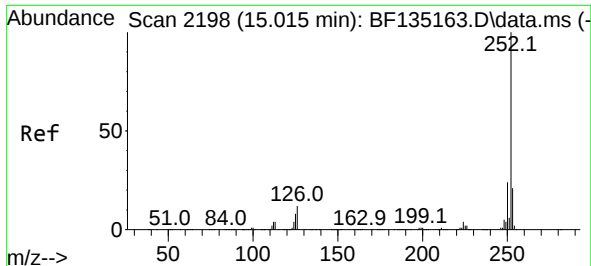


#88
Benzo(b)fluoranthene
Concen: 37.858 ng m
RT: 14.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion: 252 Resp: 542566
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.0 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 39.858 ng

RT: 14.992 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

Instrument :

BNA_F

ClientSampleId :

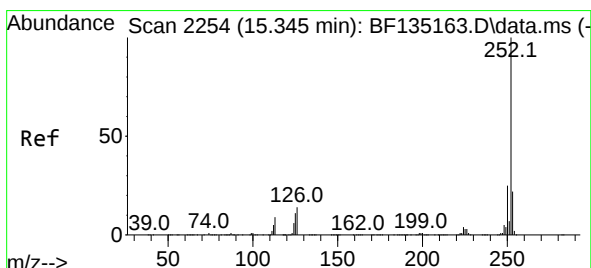
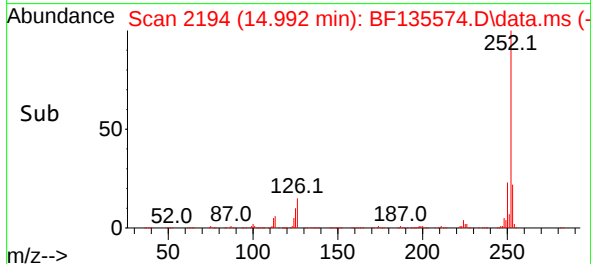
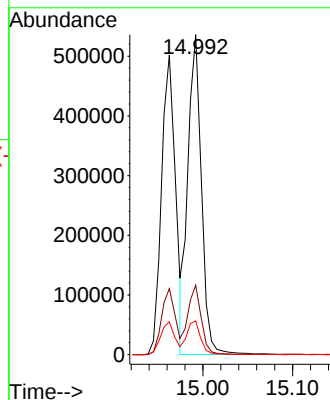
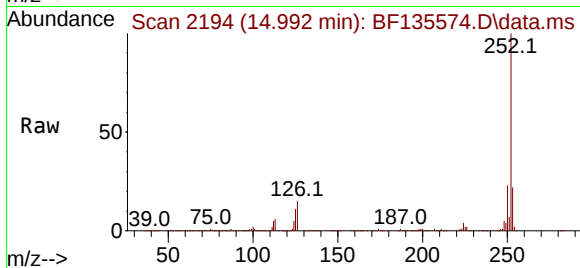
SSTDCCC040EC

Tgt Ion:252 Resp: 564268
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.0
 125 10.5 7.2 10.8

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 39.962 ng

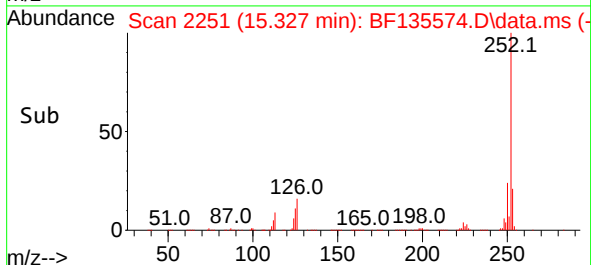
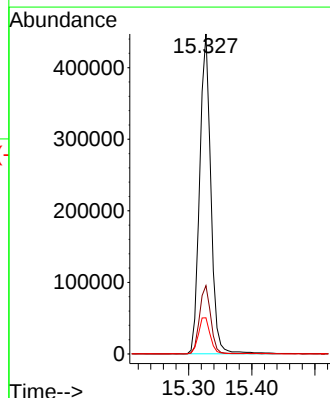
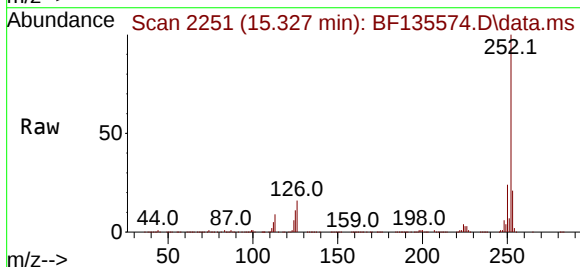
RT: 15.327 min Scan# 2251

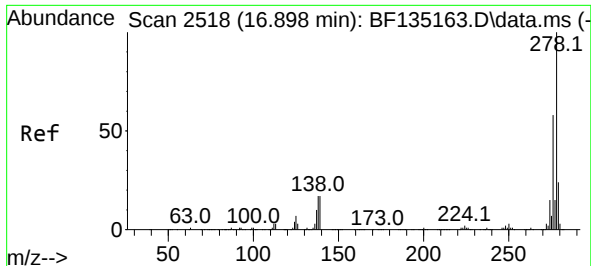
Delta R.T. 0.000 min

Lab File: BF135574.D

Acq: 04 Oct 2023 16:40

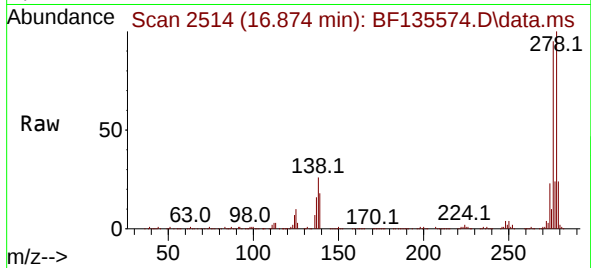
Tgt Ion:252 Resp: 546171
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 11.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 36.403 ng
RT: 16.874 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40

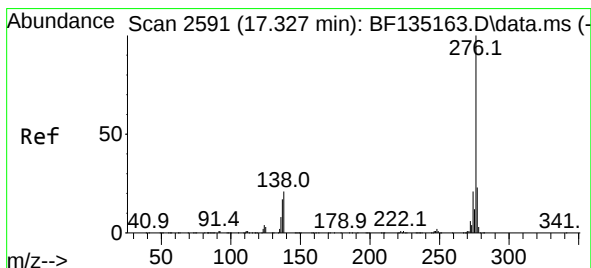
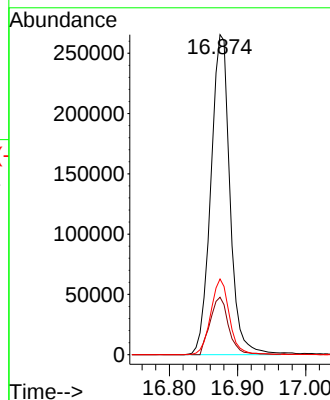
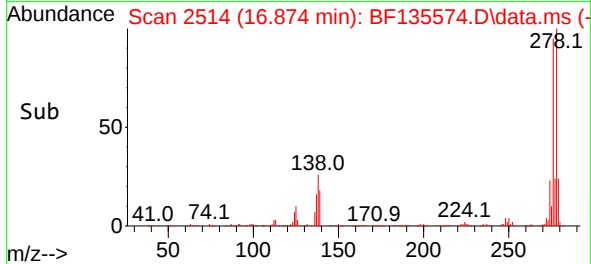
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



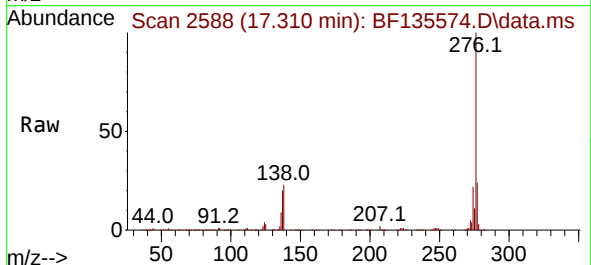
Tgt Ion:278 Resp: 517039
Ion Ratio Lower Upper
278 100
139 17.9 13.4 20.0
279 23.7 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 35.806 ng
RT: 17.310 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF135574.D
Acq: 04 Oct 2023 16:40



Tgt Ion:276 Resp: 531117
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 22.7 16.9 25.3

