

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134028.D
 Acq On : 29 Jun 2023 10:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 12:47:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	114495	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	400148	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	199802	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	383200	20.000	ng	0.00
76) Chrysene-d12	14.045	240	185030	20.000	ng	0.00
86) Perylene-d12	15.551	264	208680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	537911	78.589	ng	0.00
7) Phenol-d6	6.492	99	646133	76.760	ng	0.00
23) Nitrobenzene-d5	7.416	82	618186	83.278	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	202668	80.902	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1116700	81.259	ng	0.00
79) Terphenyl-d14	12.980	244	997193	86.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	107506	38.092	ng	98
3) Pyridine	3.410	79	289491	39.380	ng	96
4) n-Nitrosodimethylamine	3.369	42	170591	40.631	ng	92
6) Aniline	6.516	93	403450	39.388	ng	97
8) 2-Chlorophenol	6.639	128	268573	38.654	ng	95
9) Benzaldehyde	6.404	77	183091	39.437	ng	98
10) Phenol	6.504	94	339457	38.355	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	245983	37.751	ng	98
12) 1,3-Dichlorobenzene	6.792	146	291895	39.405	ng	96
13) 1,4-Dichlorobenzene	6.869	146	288620	38.575	ng	99
14) 1,2-Dichlorobenzene	7.022	146	274152	39.125	ng	98
15) Benzyl Alcohol	6.992	79	258151	39.782	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	424939	36.863	ng	99
17) 2-Methylphenol	7.104	107	237966	38.246	ng	98
18) Hexachloroethane	7.357	117	112692	40.621	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	200718	37.601	ng	97
20) 3+4-Methylphenols	7.257	107	290684	38.510	ng	91
22) Acetophenone	7.263	105	371504	40.823	ng	# 95
24) Nitrobenzene	7.434	77	312814	41.701	ng	94
25) Isophorone	7.669	82	535651	39.704	ng	99
26) 2-Nitrophenol	7.745	139	148182	41.179	ng	90
27) 2,4-Dimethylphenol	7.786	122	229635	40.314	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	311317	39.852	ng	98
29) 2,4-Dichlorophenol	7.986	162	228421	40.440	ng	95
30) 1,2,4-Trichlorobenzene	8.069	180	237161	40.692	ng	100
31) Naphthalene	8.151	128	778889	40.298	ng	99
32) Benzoic acid	7.898	122	166924m	39.108	ng	
33) 4-Chloroaniline	8.204	127	334092	40.408	ng	99
34) Hexachlorobutadiene	8.263	225	154845	42.118	ng	99
35) Caprolactam	8.580	113	70964	38.157	ng	96
36) 4-Chloro-3-methylphenol	8.686	107	256478	40.420	ng	99
37) 2-Methylnaphthalene	8.845	142	537386	39.316	ng	99
38) 1-Methylnaphthalene	8.945	142	505595	39.790	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	246160	41.585	ng	98
41) Hexachlorocyclopentadiene	8.992	237	101567	36.167	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	163187	40.497	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	190163	40.119	ng	99
46) 1,1'-Biphenyl	9.310	154	642165	40.067	ng	98
47) 2-Chloronaphthalene	9.333	162	467026	39.826	ng	96
48) 2-Nitroaniline	9.433	65	176006	41.183	ng	98
49) Acenaphthylene	9.751	152	801779	40.025	ng	99
50) Dimethylphthalate	9.610	163	575695	39.693	ng	100
51) 2,6-Dinitrotoluene	9.675	165	126036	40.346	ng	# 85
52) Acenaphthene	9.922	154	466053	40.095	ng	98
53) 3-Nitroaniline	9.845	138	148405	39.600	ng	97
54) 2,4-Dinitrophenol	9.957	184	58322	34.631	ng	96
55) Dibenzofuran	10.098	168	717615	39.503	ng	99
56) 4-Nitrophenol	10.010	139	91410	34.871	ng	95
57) 2,4-Dinitrotoluene	10.086	165	163818	39.709	ng	100
58) Fluorene	10.439	166	561053	39.698	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	147694m	39.502	ng	
60) Diethylphthalate	10.310	149	591627	39.153	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	266988	39.200	ng	99
62) 4-Nitroaniline	10.463	138	138519	36.676	ng	93
63) Azobenzene	10.592	77	563266	39.407	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	84663	40.524	ng	97
66) n-Nitrosodiphenylamine	10.551	169	488195	39.874	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	165880	40.727	ng	# 90
68) Hexachlorobenzene	10.992	284	175937	40.684	ng	96
69) Atrazine	11.080	200	126769	37.432	ng	97
70) Pentachlorophenol	11.186	266	101012	39.066	ng	98
71) Phenanthrene	11.410	178	760804	39.438	ng	99
72) Anthracene	11.463	178	786912	39.219	ng	99
73) Carbazole	11.621	167	688311	37.479	ng	99
74) Di-n-butylphthalate	11.945	149	851380	38.983	ng	99
75) Fluoranthene	12.604	202	755774	36.239	ng	99
77) Benzidine	12.727	184	178122	40.458	ng	99
78) Pyrene	12.833	202	736637	42.779	ng	99
80) Butylbenzylphthalate	13.457	149	274353	42.482	ng	100
81) Benzo(a)anthracene	14.033	228	504245	39.295	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	161687	39.771	ng	98
83) Chrysene	14.068	228	490047	39.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	344726	46.454	ng	99
85) Di-n-octyl phthalate	14.639	149	554138	50.820	ng	100
87) Indeno(1,2,3-cd)pyrene	17.103	276	605651	41.826	ng	98
88) Benzo(b)fluoranthene	15.104	252	443595	36.151	ng	99
89) Benzo(k)fluoranthene	15.133	252	482374	38.611	ng	98
90) Benzo(a)pyrene	15.486	252	469841	39.597	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	499771	42.255	ng	99
92) Benzo(g,h,i)perylene	17.580	276	499280	40.935	ng	98

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



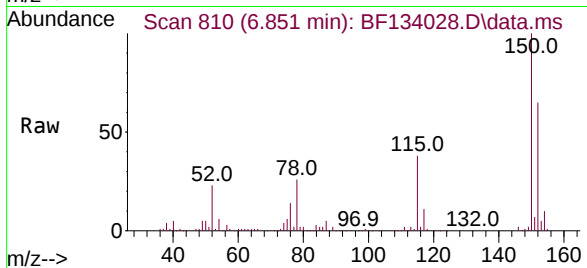
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134028.D
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BNA_F

ClientSampleId :

SSTDCCC040

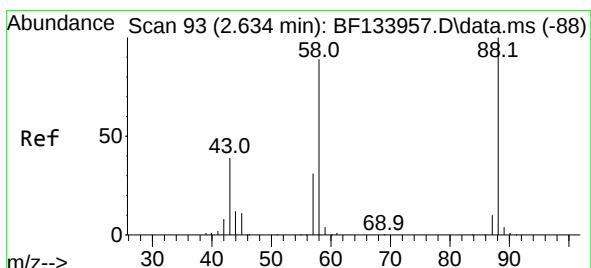
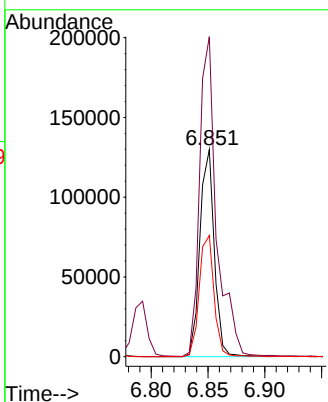
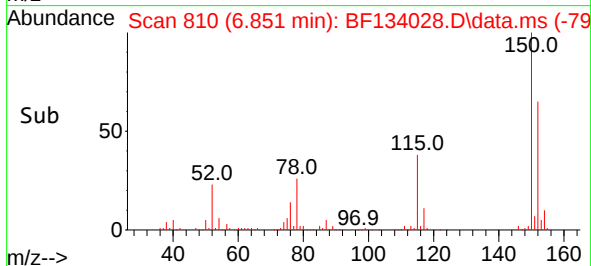


Tgt Ion:152 Resp: 114495
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 58.5 50.2 75.2

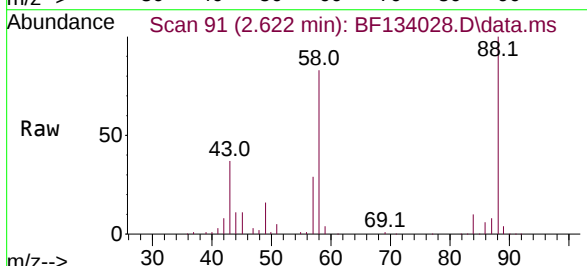
Manual Integrations

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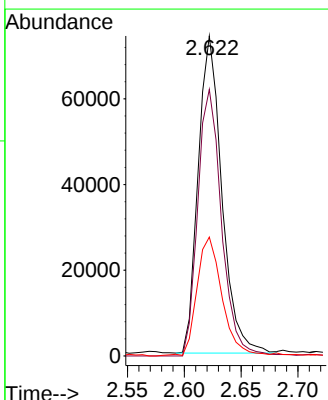
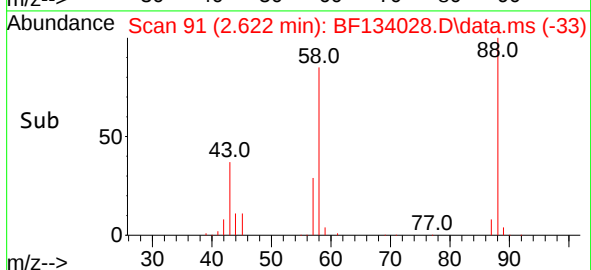
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

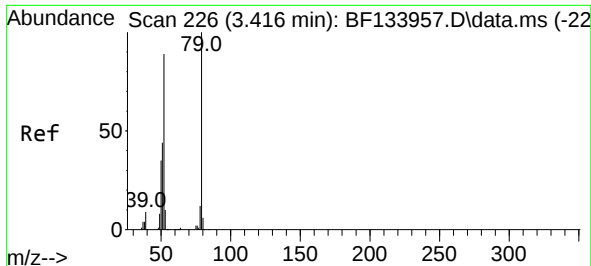


#2
1,4-Dioxane
Concen: 38.092 ng
RT: 2.622 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



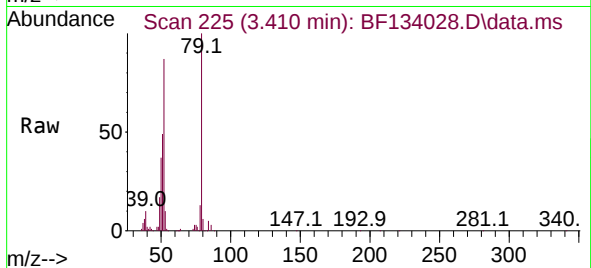
Tgt Ion: 88 Resp: 107506
Ion Ratio Lower Upper
88 100
58 84.4 68.8 103.2
43 39.7 30.7 46.1





#3
Pyridine
Concen: 39.380 ng
RT: 3.410 min Scan# 218
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

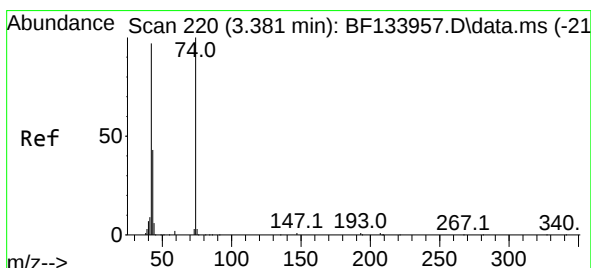
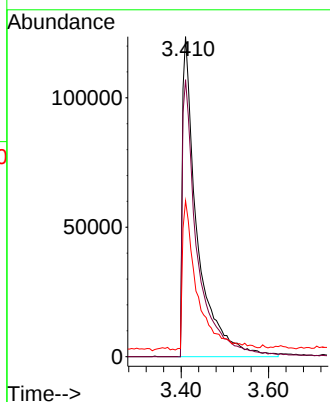
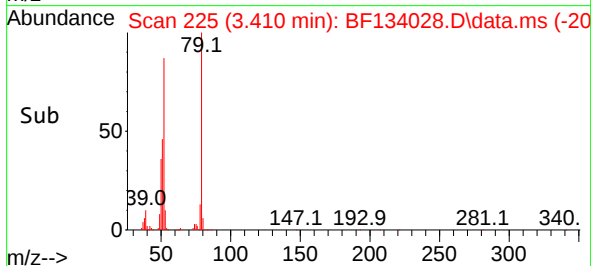
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ClientSampleId :
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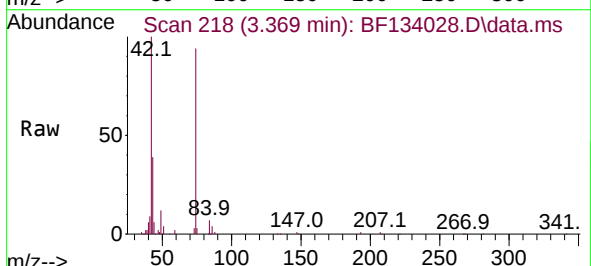
Tgt Ion: 79 Resp: 28949
Ion Ratio Lower Upper
79 100
52 86.6 71.1 106.7
51 48.7 35.2 52.8

Manual Integrations
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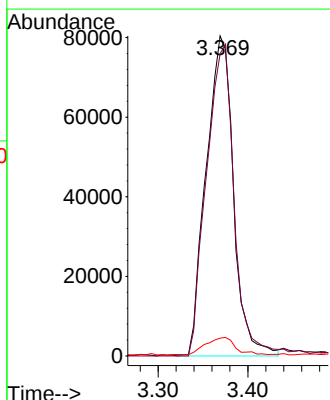
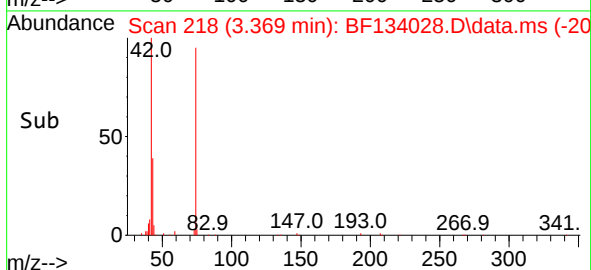
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#4
n-Nitrosodimethylamine
Concen: 40.631 ng
RT: 3.369 min Scan# 218
Delta R.T. -0.012 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



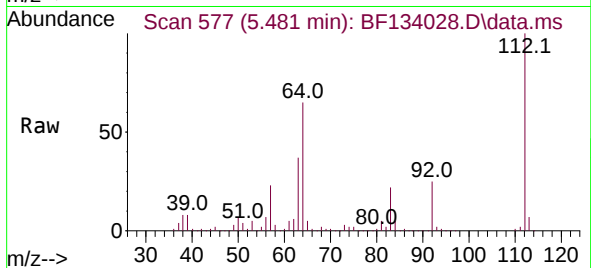
Tgt Ion: 42 Resp: 170591
Ion Ratio Lower Upper
42 100
74 94.4 82.4 123.6
44 5.6 4.9 7.3





#5
2-Fluorophenol
Concen: 78.589 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

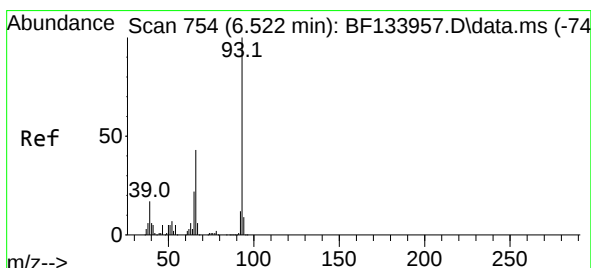
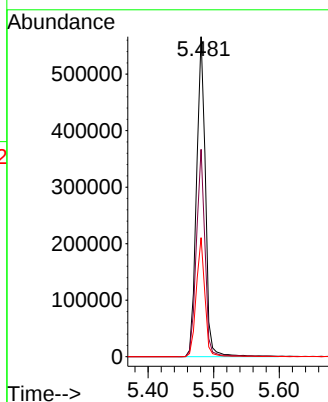
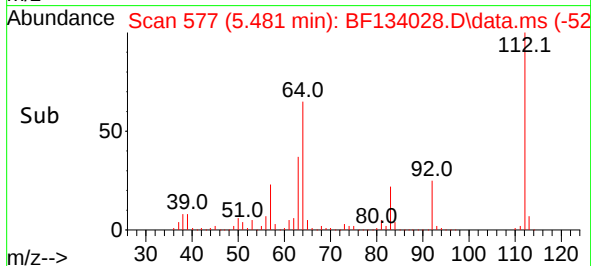
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:112 Resp: 53791
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 37.2 28.6 42.8

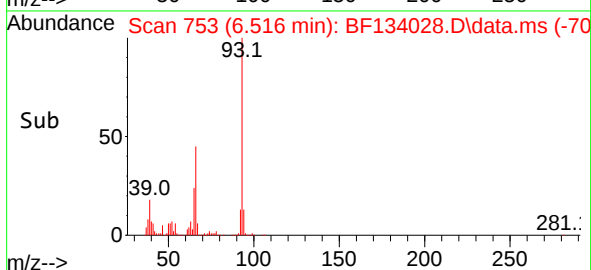
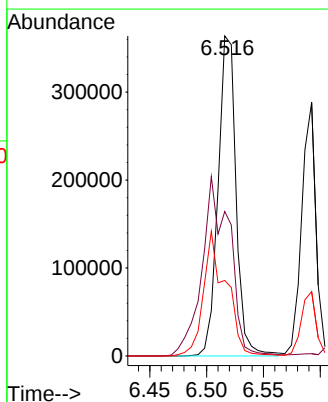
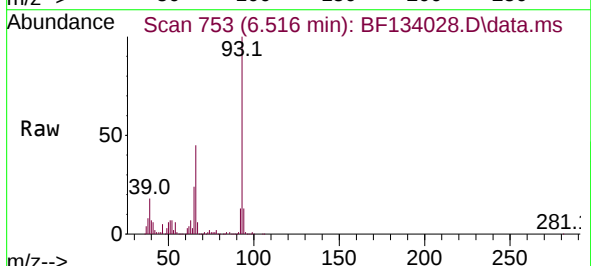
Manual Integrations
APPROVED

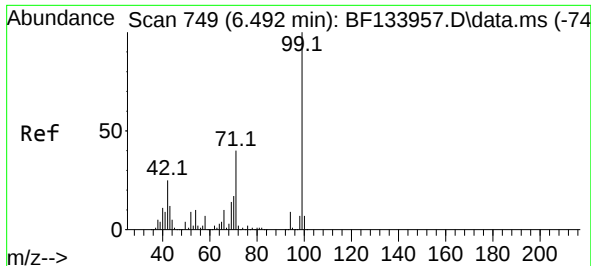
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#6
Aniline
Concen: 39.388 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

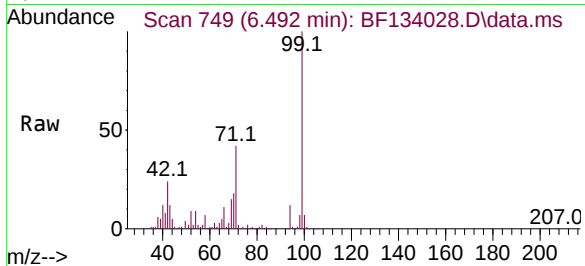
Tgt Ion: 93 Resp: 403450
Ion Ratio Lower Upper
93 100
66 45.1 34.5 51.7
65 23.6 17.8 26.6





#7
Phenol-d6
Concen: 76.760 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

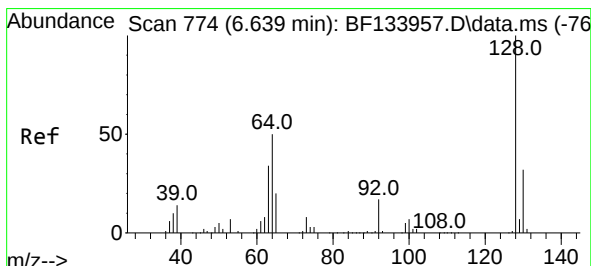
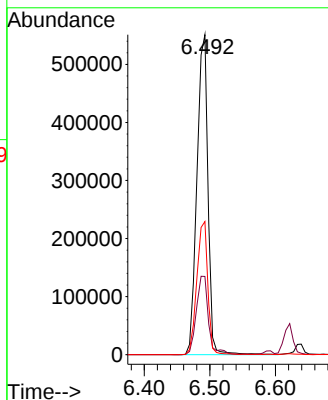
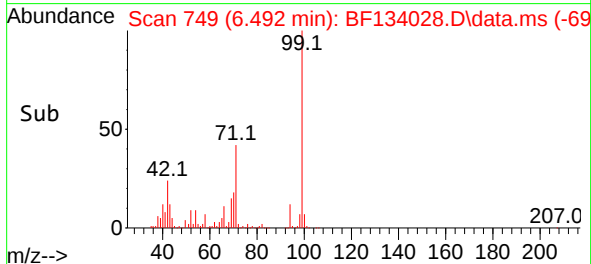
Instrument :
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ClientSampleId :
SSTDCCC040



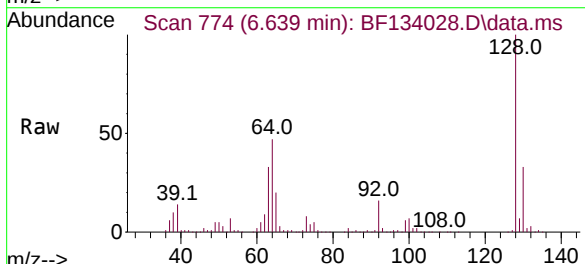
Tgt Ion: 99 Resp: 646133
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.6 31.9 47.9

Manual Integrations
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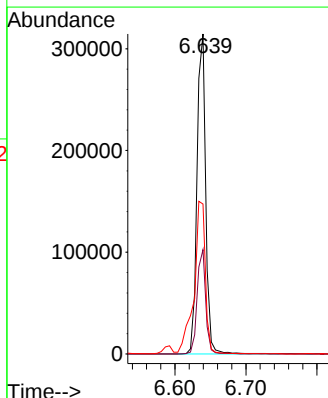
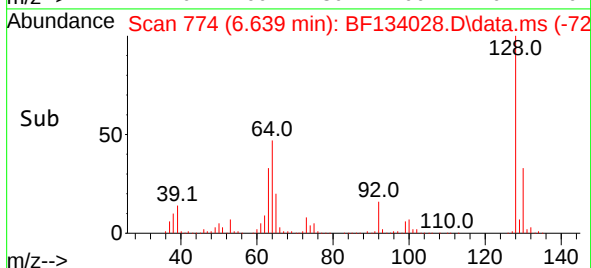
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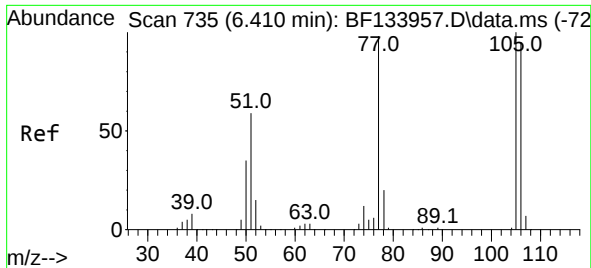


#8
2-Chlorophenol
Concen: 38.654 ng
RT: 6.639 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



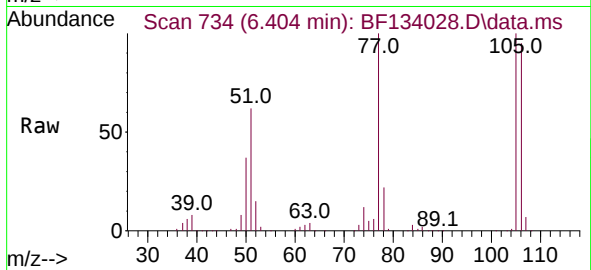
Tgt Ion:128 Resp: 268573
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 46.9 31.3 71.3





#9
Benzaldehyde
Concen: 39.437 ng
RT: 6.404 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

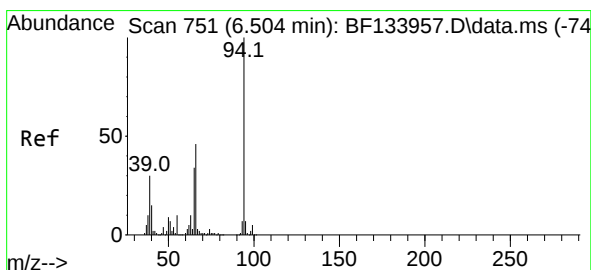
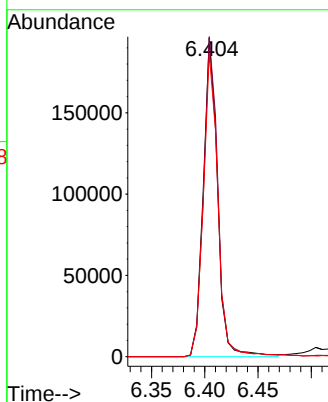
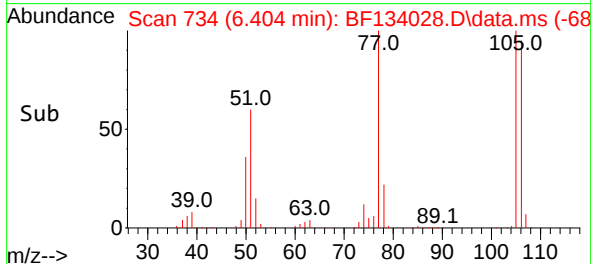
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 18309
Ion Ratio Lower Upper
77 100
105 100.5 82.0 122.0
106 95.2 76.9 116.9

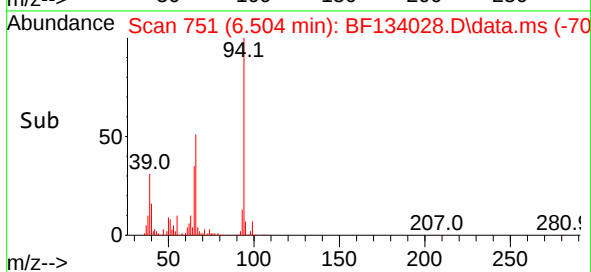
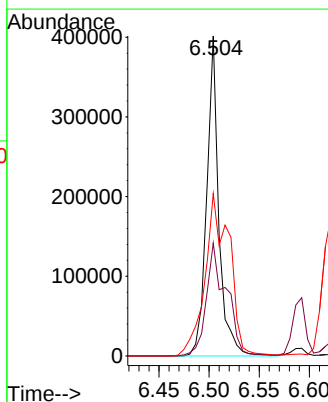
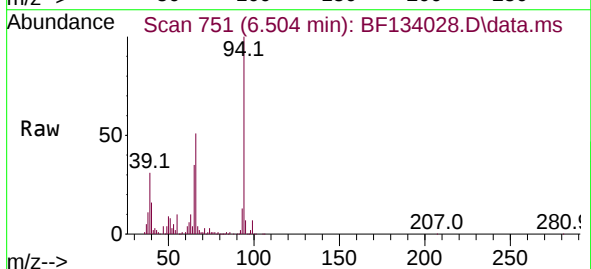
Manual Integrations
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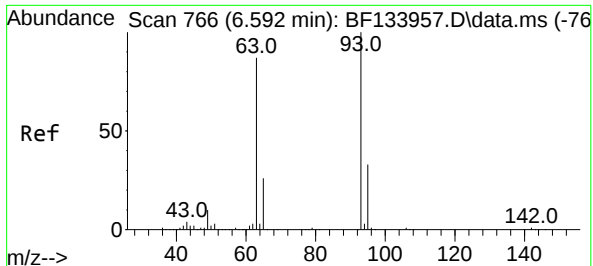
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Phenol
Concen: 38.355 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion: 94 Resp: 339457
Ion Ratio Lower Upper
94 100
65 35.3 14.2 54.2
66 50.8 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 37.751 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

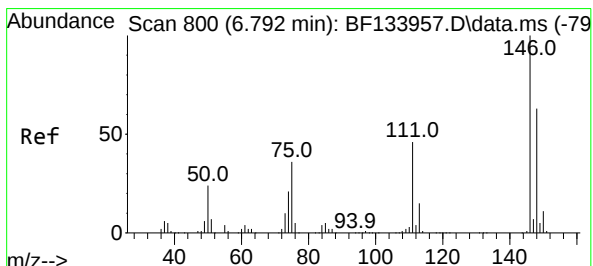
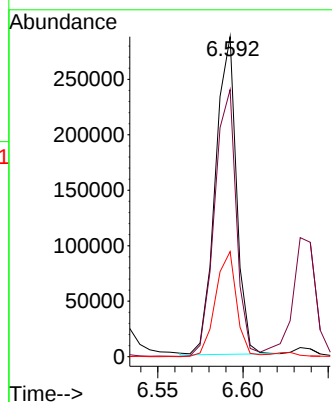
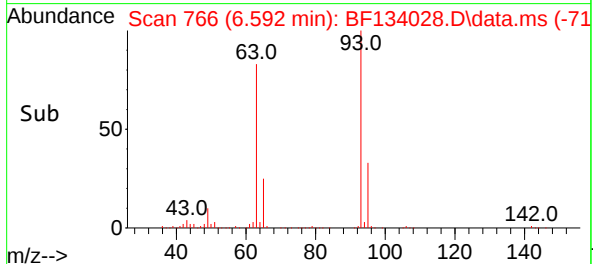
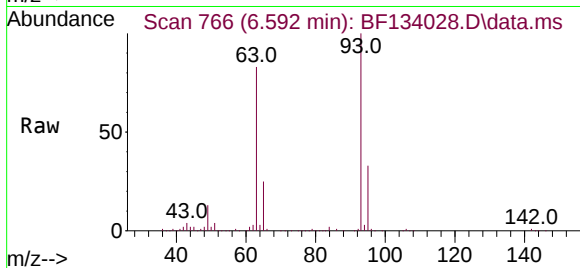
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 245983
Ion Ratio Lower Upper
93 100
63 83.5 66.5 106.5
95 32.8 12.9 52.9

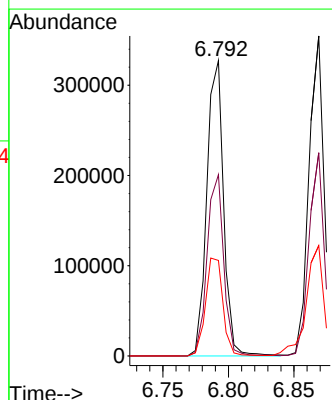
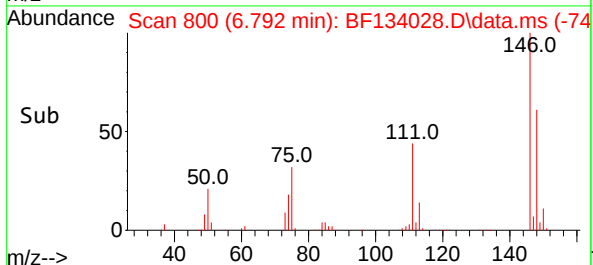
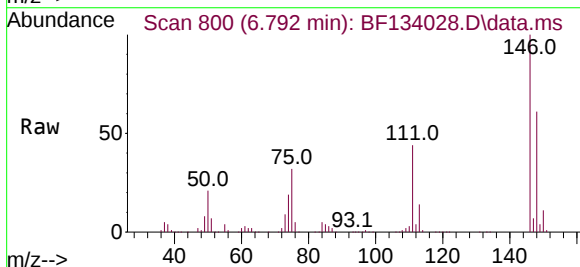
Manual Integrations
APPROVED

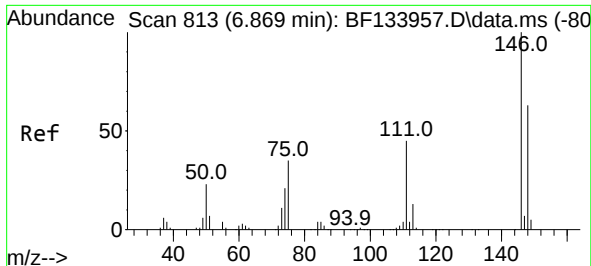
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
1,3-Dichlorobenzene
Concen: 39.405 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:146 Resp: 291895
Ion Ratio Lower Upper
146 100
148 61.4 50.5 75.7
75 32.3 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 38.575 ng

RT: 6.869 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 288620

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

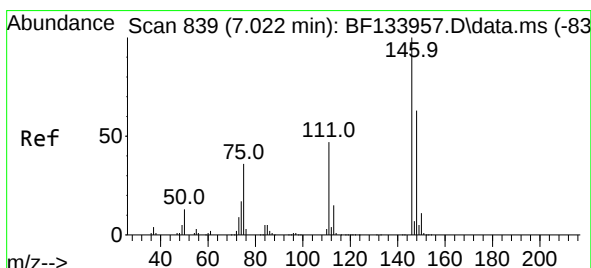
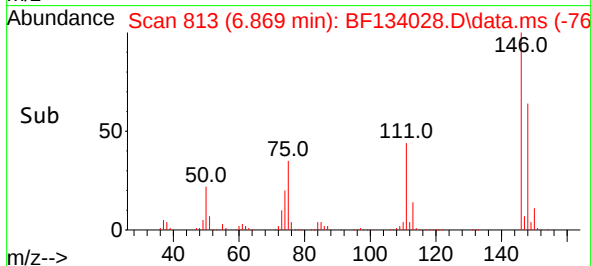
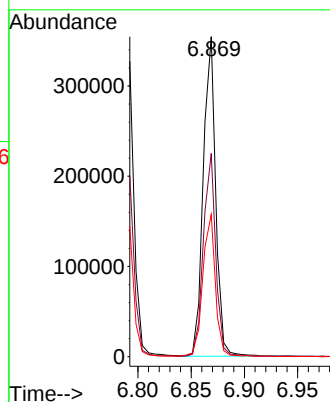
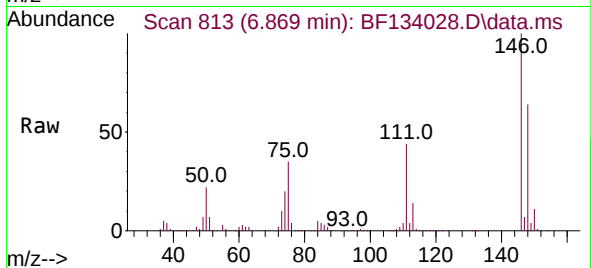
111 44.4 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#14

1,2-Dichlorobenzene

Concen: 39.125 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

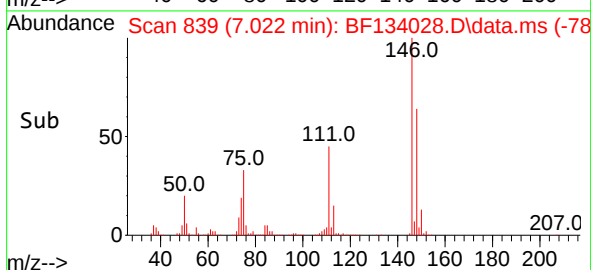
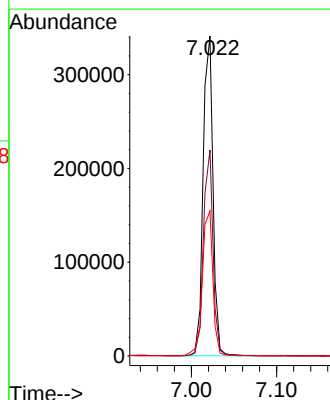
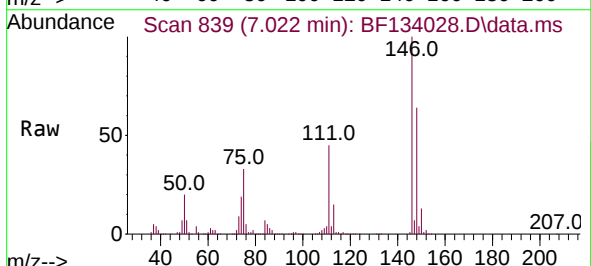
Tgt Ion:146 Resp: 274152

Ion Ratio Lower Upper

146 100

148 64.3 50.6 76.0

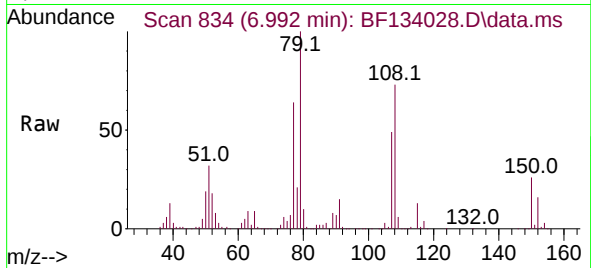
111 45.3 38.0 57.0





#15
Benzyl Alcohol
Concen: 39.782 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

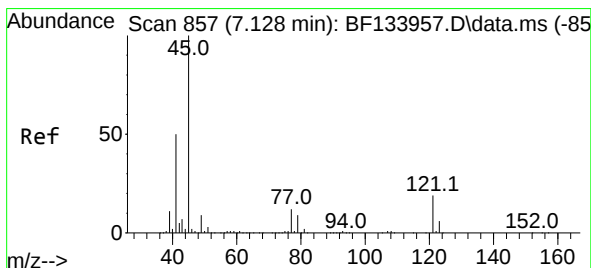
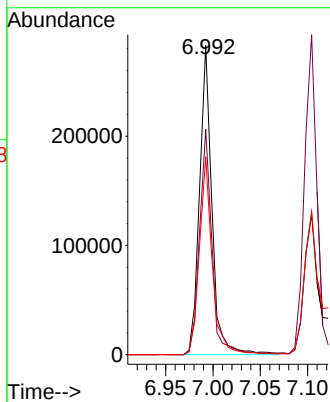
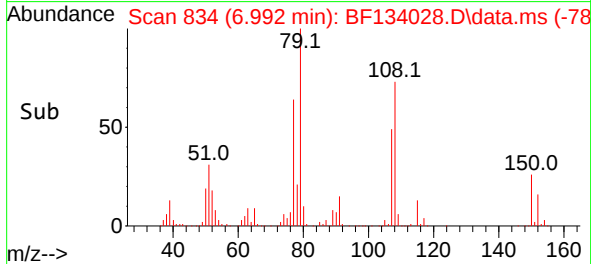
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 25815
Ion Ratio Lower Upper
79 100
108 73.0 60.7 91.1
77 64.0 50.6 75.8

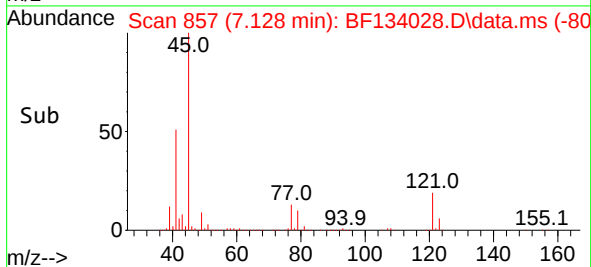
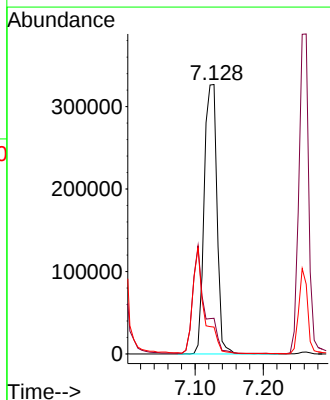
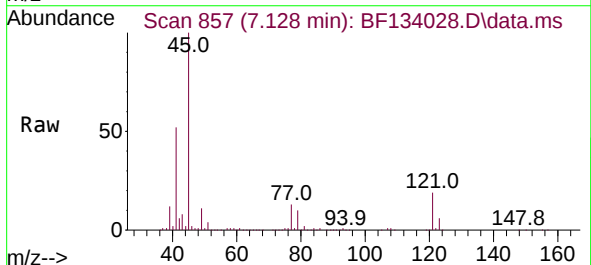
Manual Integrations
APPROVED

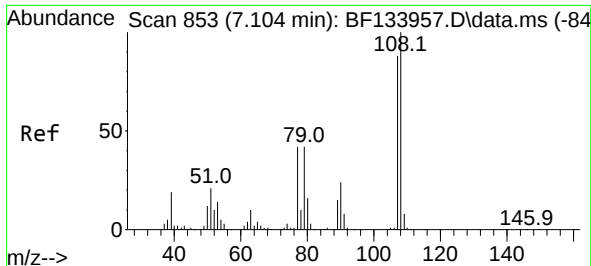
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.863 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion: 45 Resp: 424939
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.9
79 10.0 0.0 29.5





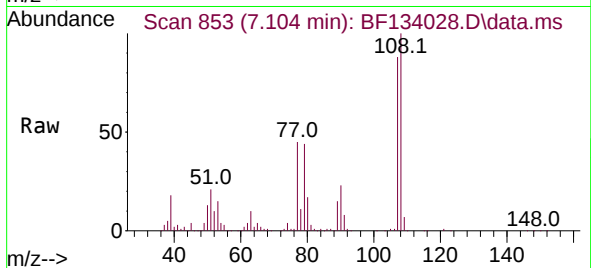
#17
2-Methylphenol
Concen: 38.246 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



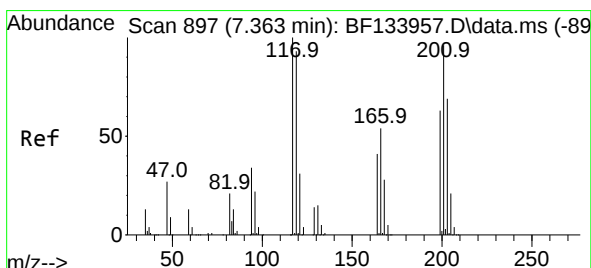
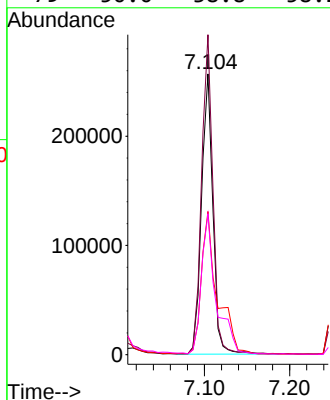
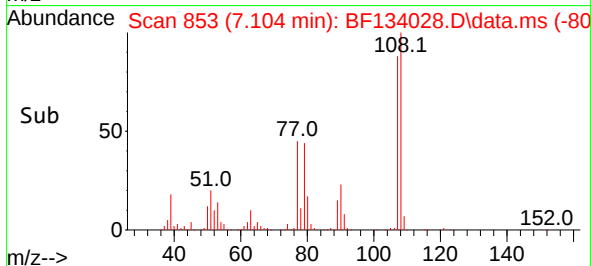
Tgt Ion:107 Resp: 237960
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 51.0 38.3 57.5
79 50.0 38.8 58.2

Manual Integrations

APPROVED

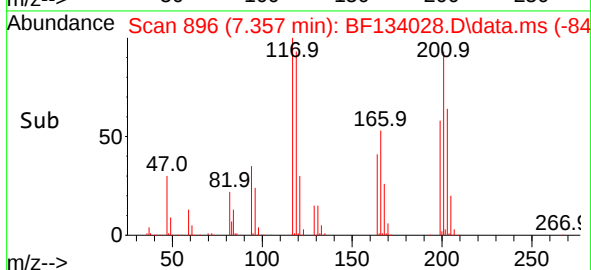
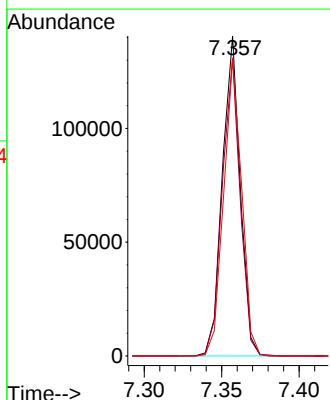
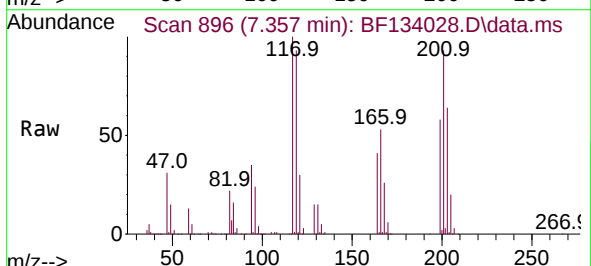
Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#18
Hexachloroethane
Concen: 40.621 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

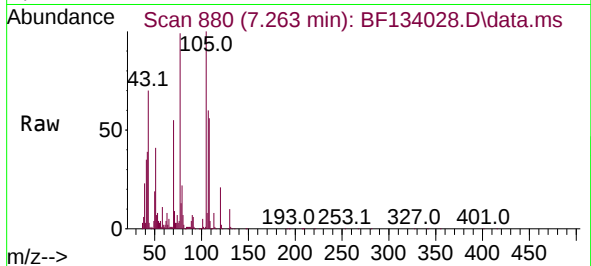
Tgt Ion:117 Resp: 112692
Ion Ratio Lower Upper
117 100
119 93.2 74.2 111.4
201 93.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.601 ng
RT: 7.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

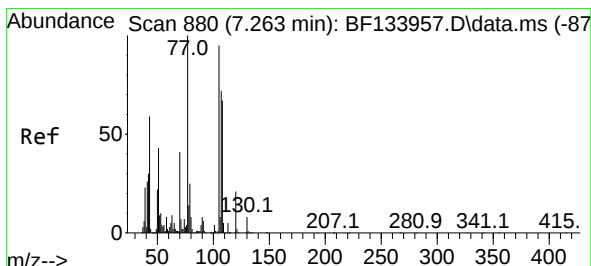
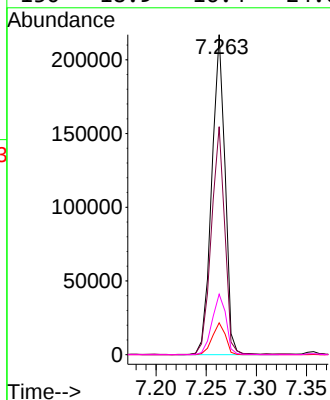
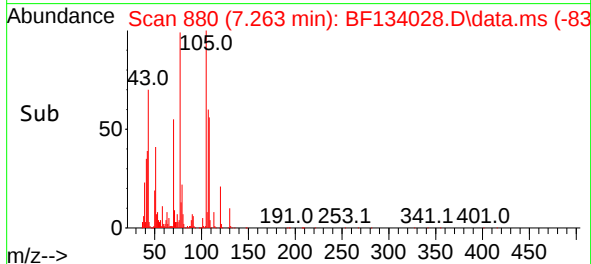
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



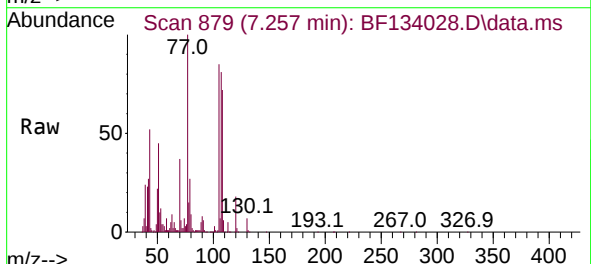
Tgt Ion: 70 Resp: 200718
Ion Ratio Lower Upper
70 100
42 71.2 54.7 82.1
101 9.9 7.7 11.5
130 18.9 16.4 24.6

Manual Integrations
APPROVED

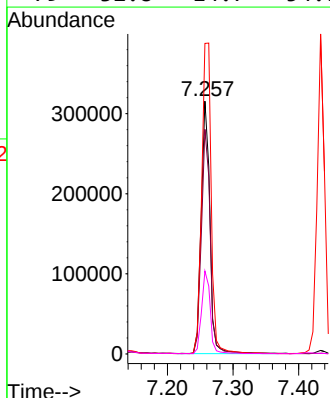
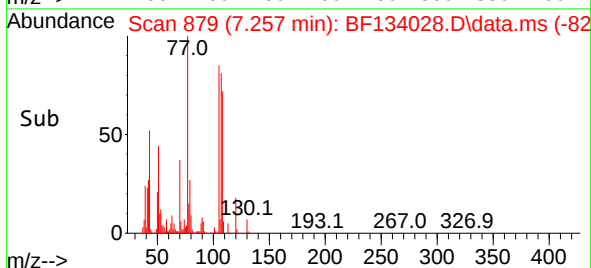
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

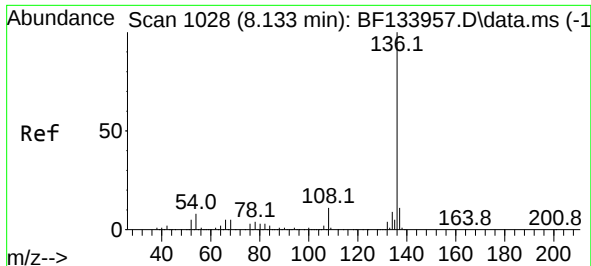


#20
3+4-Methylphenols
Concen: 38.510 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:107 Resp: 290684
Ion Ratio Lower Upper
107 100
108 88.8 73.2 113.2
77 122.8 118.3 158.3
79 32.8 14.7 54.7





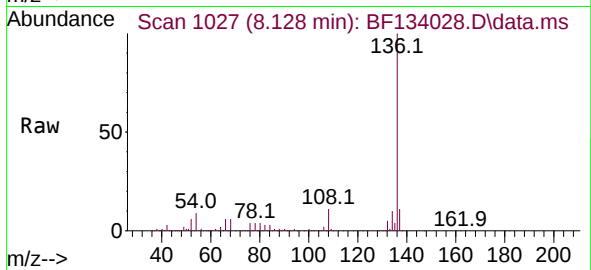
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



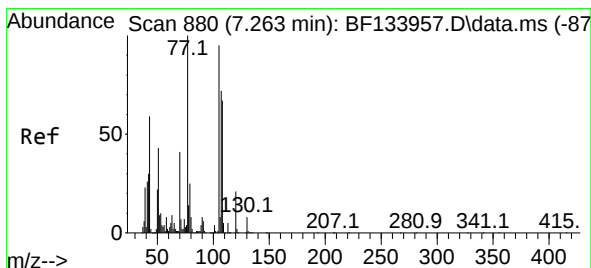
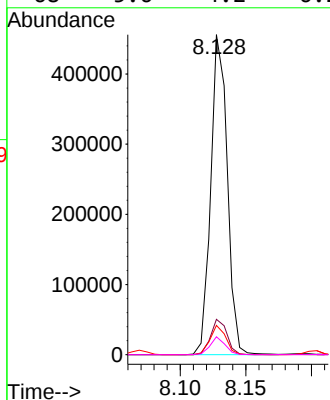
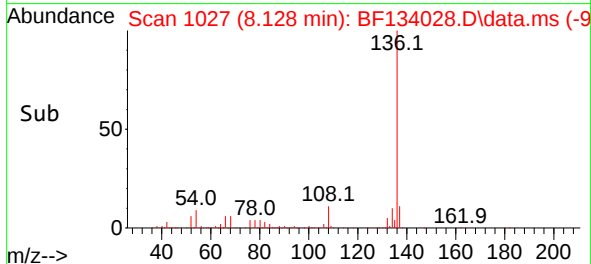
Tgt Ion:136 Resp: 400148
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.1 6.5 9.7
68 5.6 4.2 6.2

Manual Integrations

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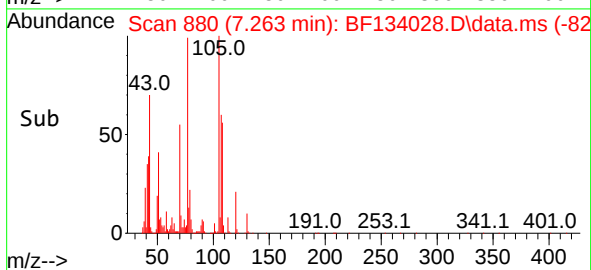
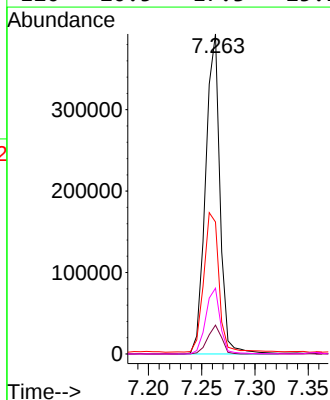
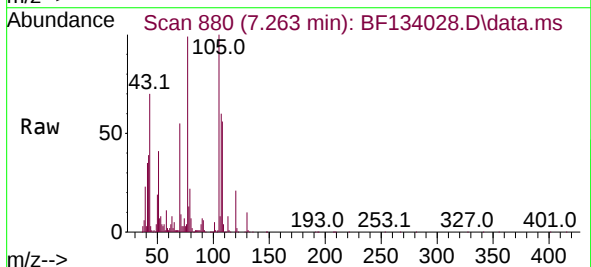
Reviewed By :Yogesh Patel 06/30/2023

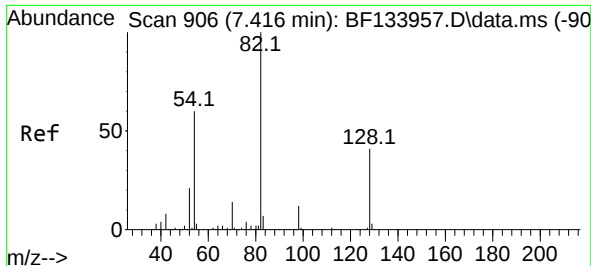
Supervised By :mohammad ahmed 06/30/2023



#22
Acetophenone
Concen: 40.823 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:105 Resp: 371504
Ion Ratio Lower Upper
105 100
71 9.0 5.5 8.3#
51 41.2 36.5 54.7
120 20.5 17.3 25.9





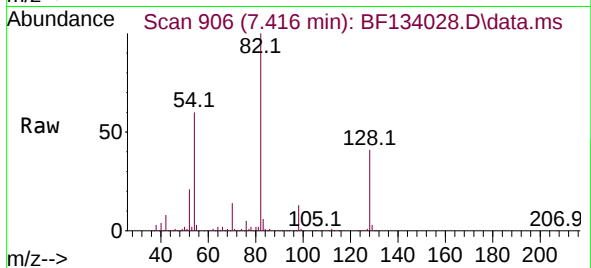
#23
Nitrobenzene-d5
Concen: 83.278 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

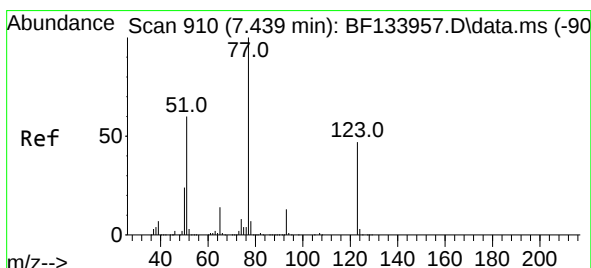
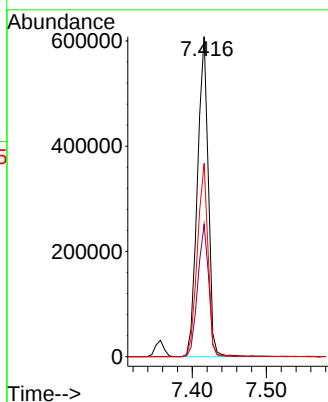
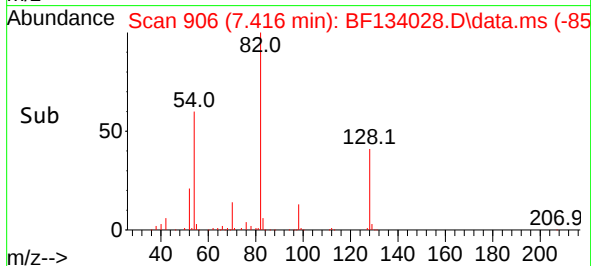
SSTDCCC040



Tgt Ion: 82 Resp: 618180
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 60.4 48.2 72.2

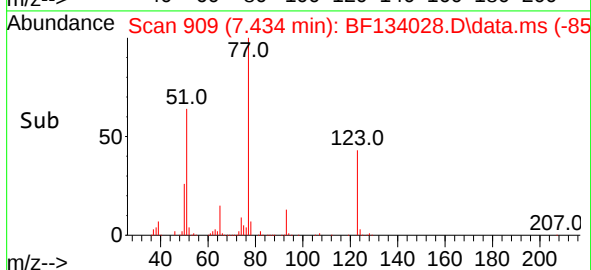
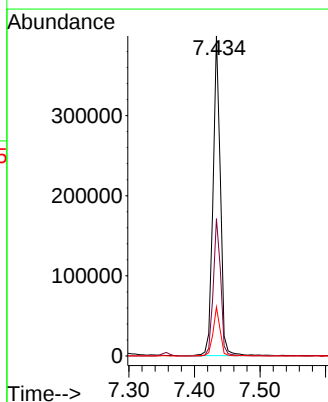
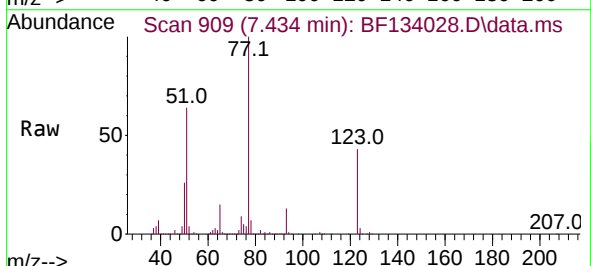
Manual Integrations
APPROVED

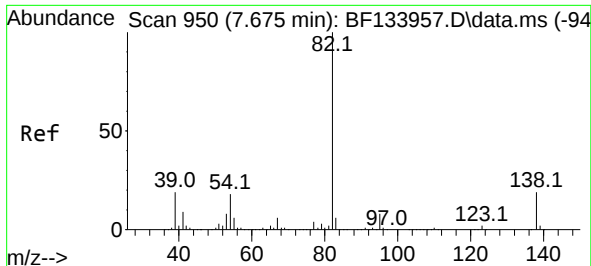
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Nitrobenzene
Concen: 41.701 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion: 77 Resp: 312814
Ion Ratio Lower Upper
77 100
123 42.9 37.8 56.6
65 15.3 11.3 16.9





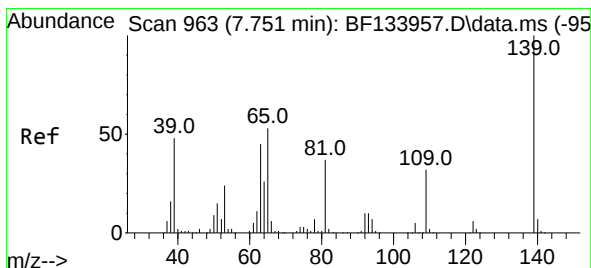
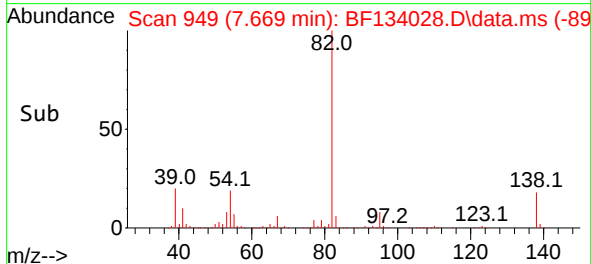
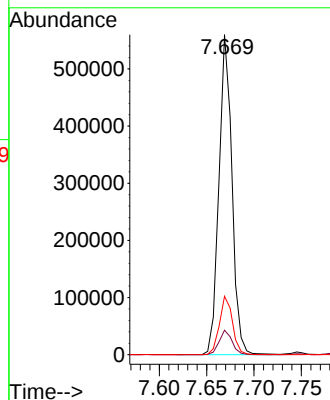
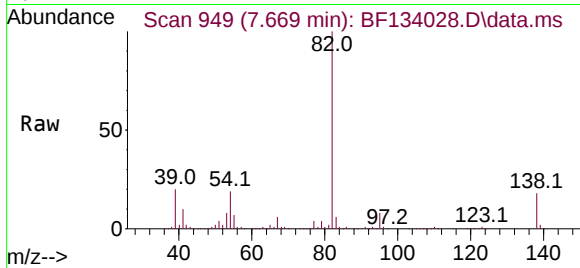
#25
Isophorone
Concen: 39.704 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 53565
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.3 15.2 22.8

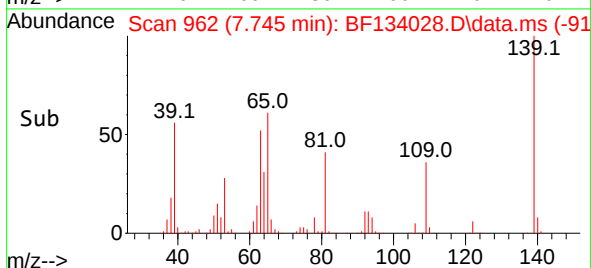
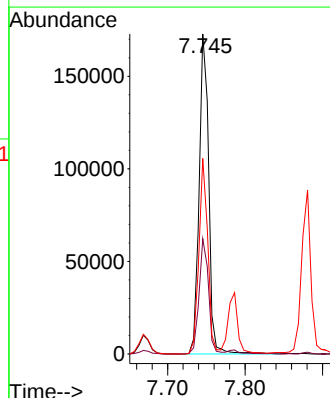
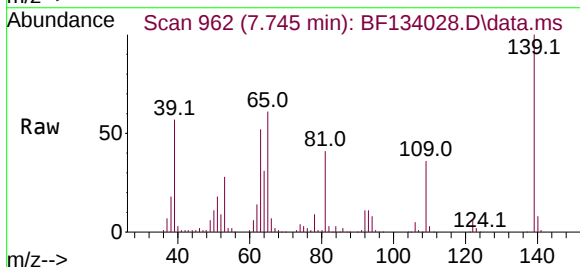
Manual Integrations
APPROVED

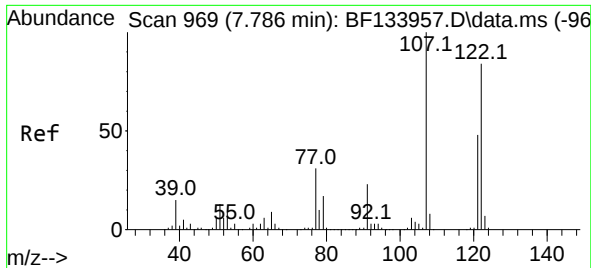
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
2-Nitrophenol
Concen: 41.179 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:139 Resp: 148182
Ion Ratio Lower Upper
139 100
109 36.0 25.8 38.8
65 61.1 42.4 63.6





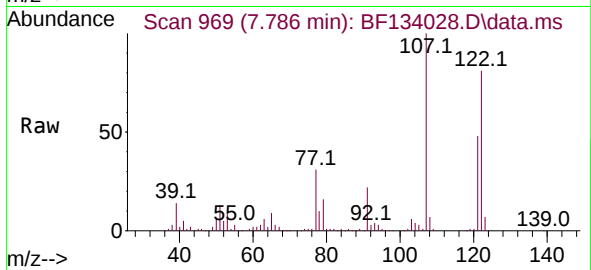
#27
2,4-Dimethylphenol
Concen: 40.314 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

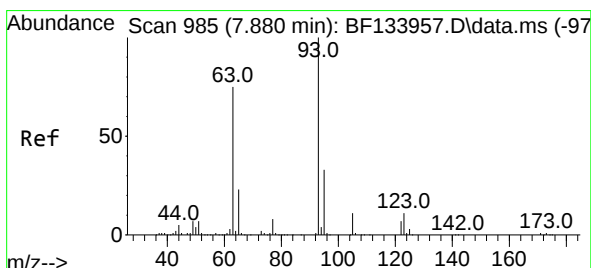
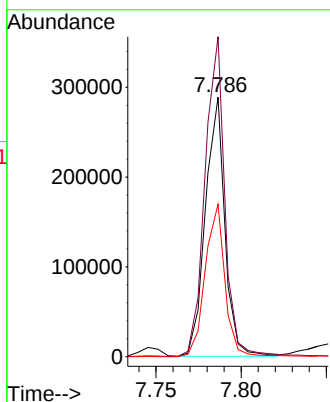
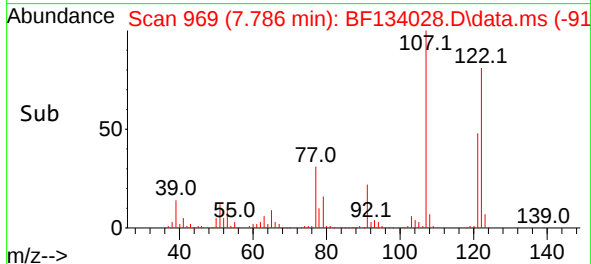


Tgt Ion:122 Resp: 229635
Ion Ratio Lower Upper
122 100
107 123.3 95.5 143.3
121 58.8 45.5 68.3

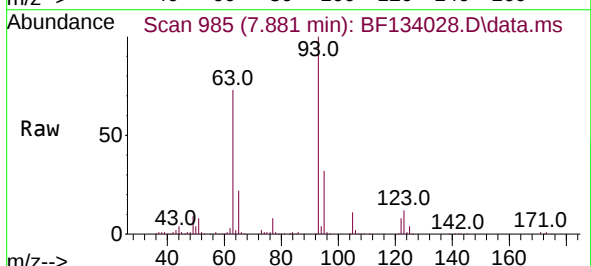
Manual Integrations

APPROVED

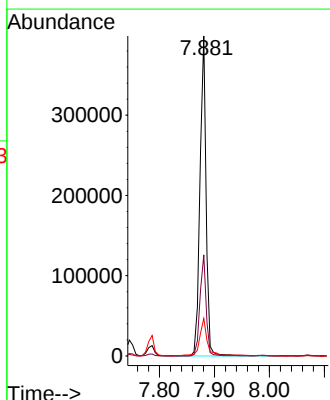
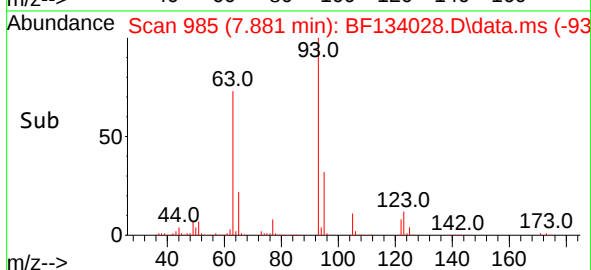
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.852 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion: 93 Resp: 311317
Ion Ratio Lower Upper
93 100
95 31.6 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.440 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134028.D

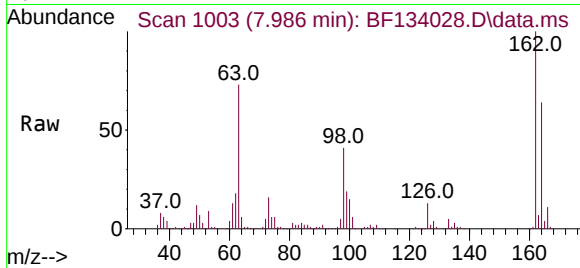
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 22842

Ion Ratio Lower Upper

162 100

164 64.3 43.2 83.2

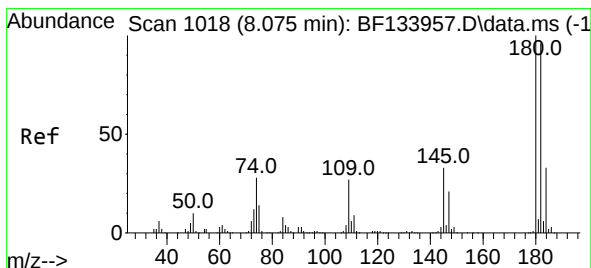
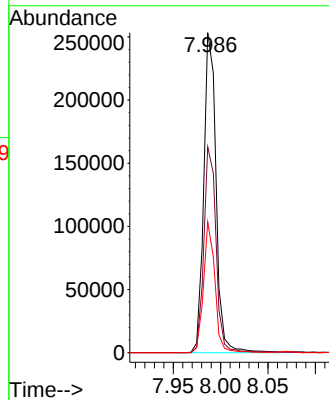
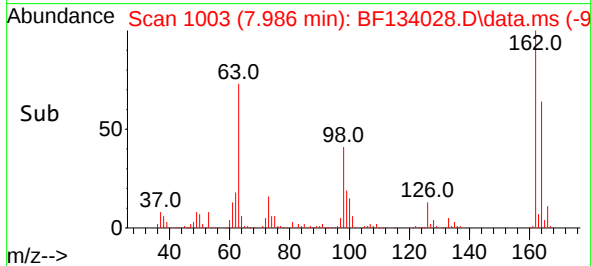
98 40.9 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.692 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

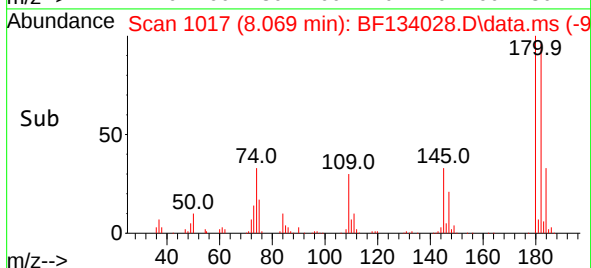
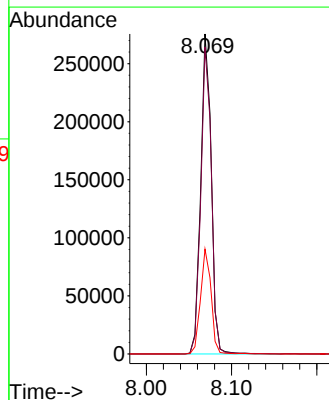
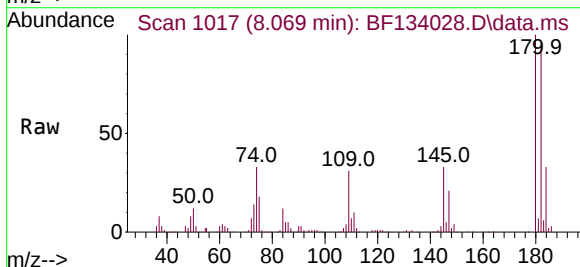
Tgt Ion:180 Resp: 237161

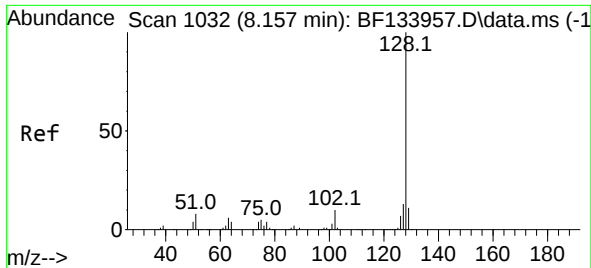
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

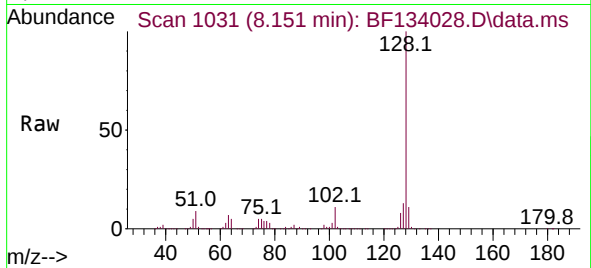
145 32.7 26.0 39.0





#31
Naphthalene
Concen: 40.298 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

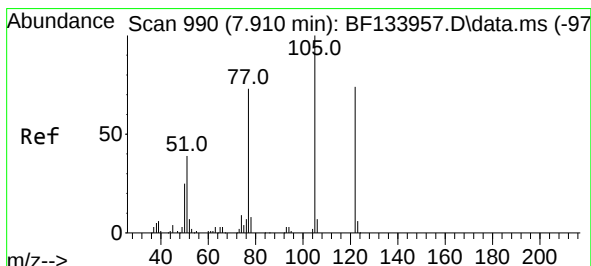
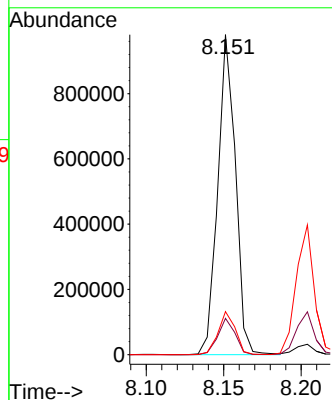
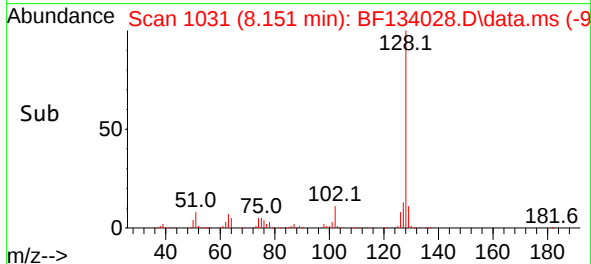
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 778889
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.5 10.6 15.8

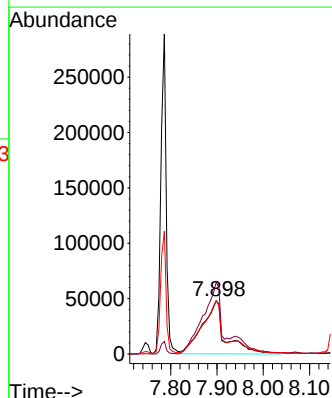
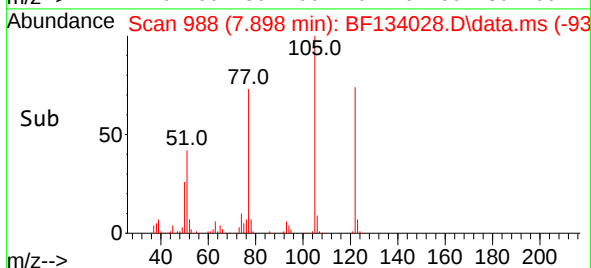
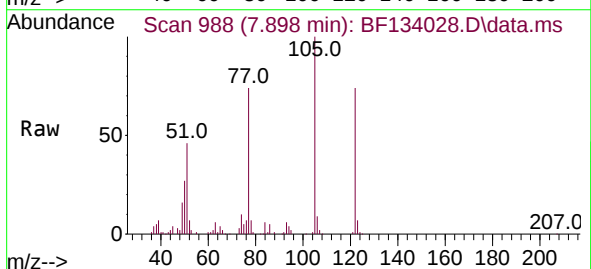
Manual Integrations
APPROVED

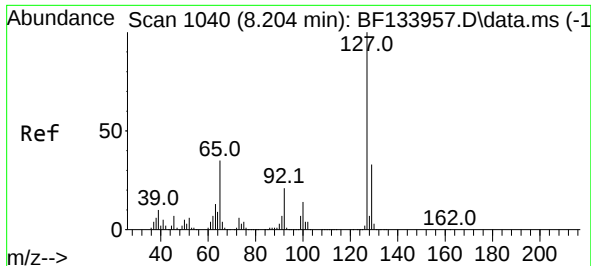
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#32
Benzoic acid
Concen: 39.108 ng m
RT: 7.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:122 Resp: 166924
Ion Ratio Lower Upper
122 100
105 135.8 109.7 149.7
77 100.2 76.0 116.0





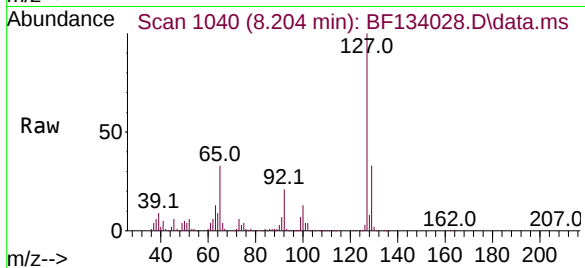
#33
4-Chloroaniline
Concen: 40.408 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

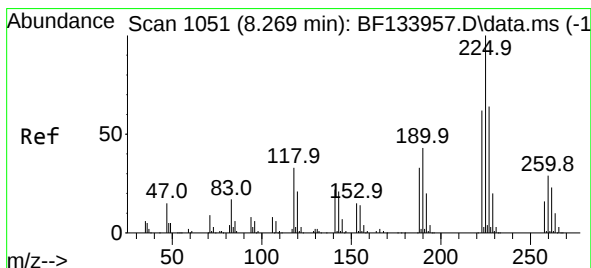
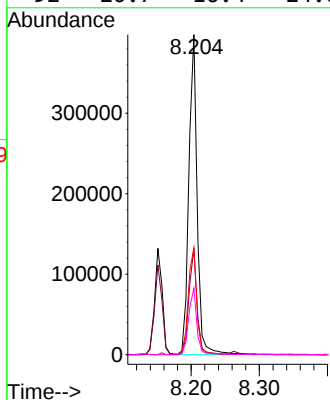
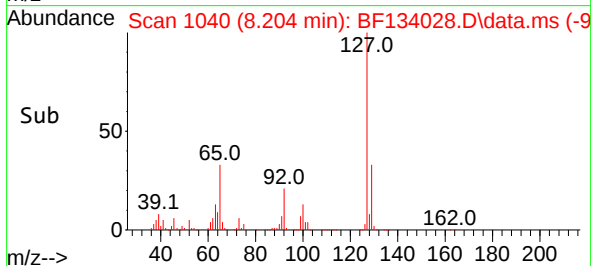


Tgt Ion:127 Resp: 334092
Ion Ratio Lower Upper
127 100
129 33.1 26.4 39.6
65 33.4 27.8 41.8
92 20.7 16.4 24.6

Manual Integrations

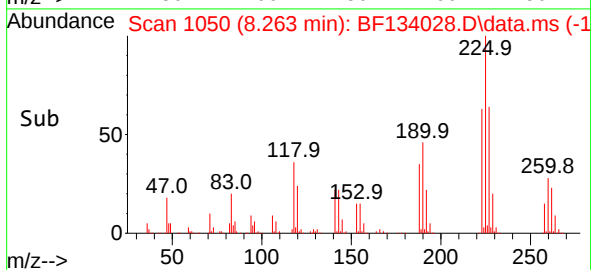
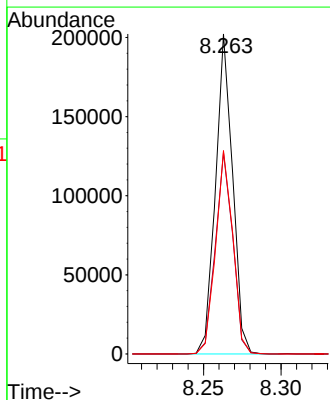
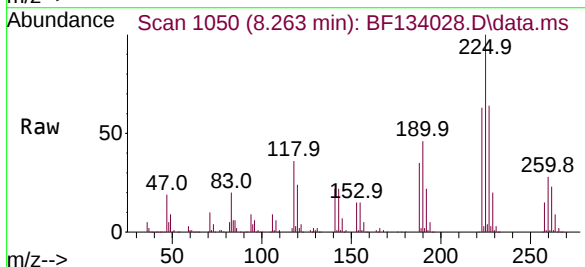
APPROVED

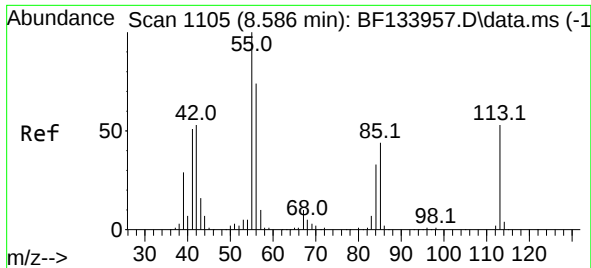
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#34
Hexachlorobutadiene
Concen: 42.118 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:225 Resp: 154845
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 63.5 51.0 76.4





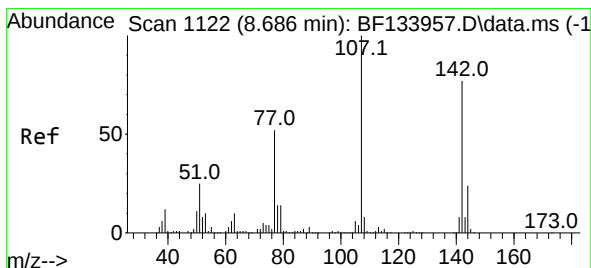
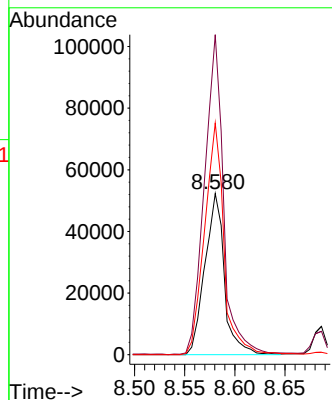
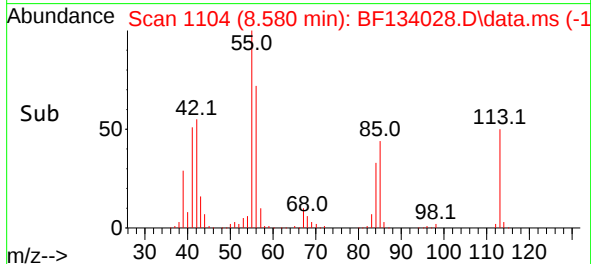
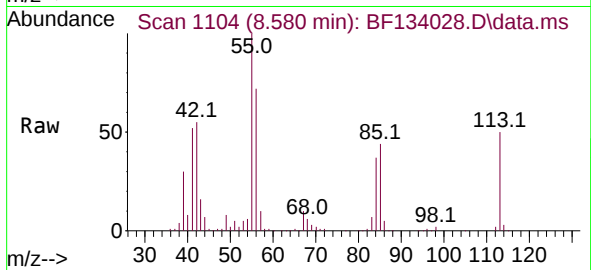
#35
Caprolactam
Concen: 38.157 ng
RT: 8.580 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 70964
Ion Ratio Lower Upper
113 100
55 198.5 170.2 210.2
56 143.7 121.4 161.4

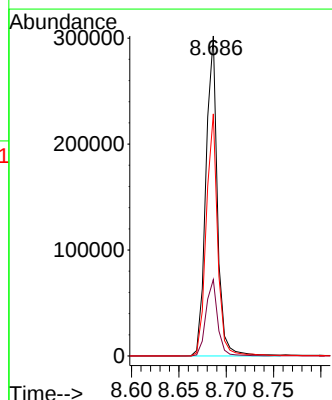
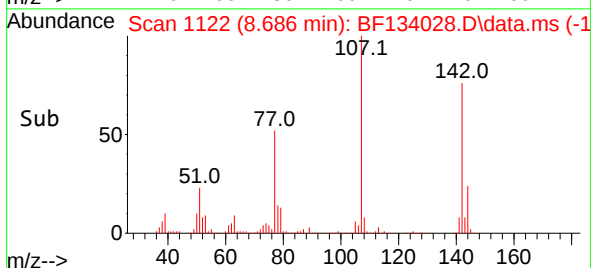
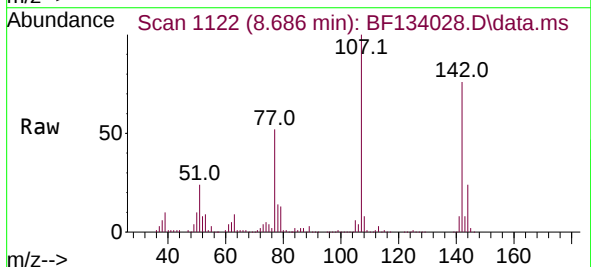
Manual Integrations
APPROVED

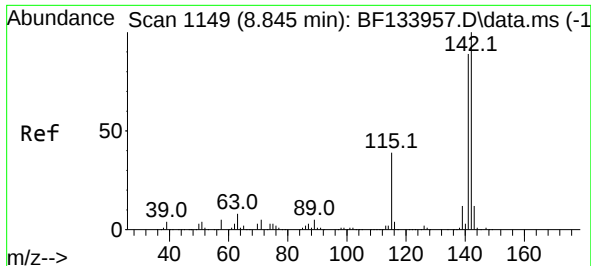
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#36
4-Chloro-3-methylphenol
Concen: 40.420 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:107 Resp: 256478
Ion Ratio Lower Upper
107 100
144 23.8 19.6 29.4
142 75.6 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.316 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 537386

Ion Ratio Lower Upper

142 100

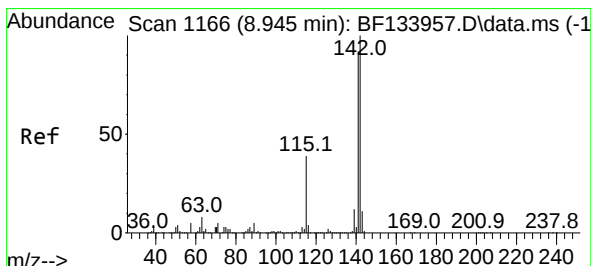
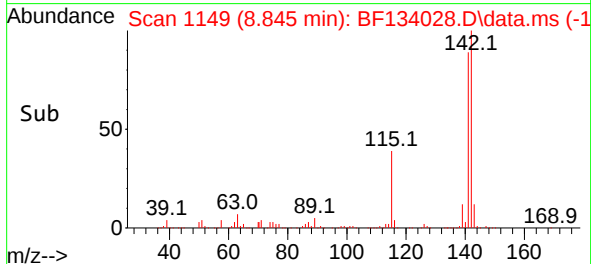
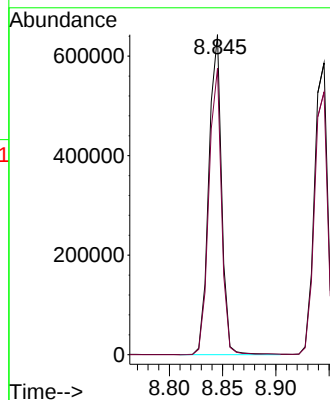
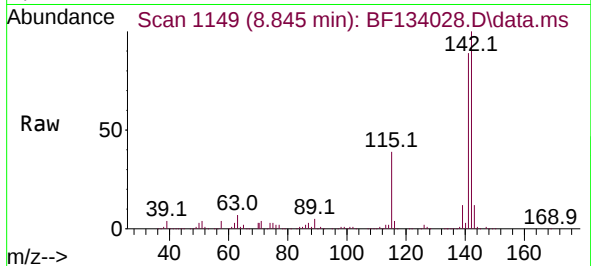
141 89.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#38

1-Methylnaphthalene

Concen: 39.790 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134028.D

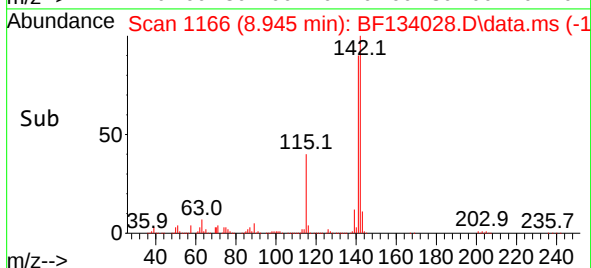
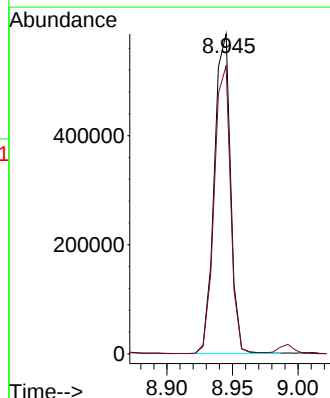
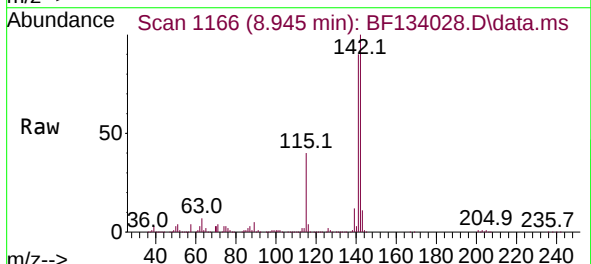
Acq: 29 Jun 2023 10:18

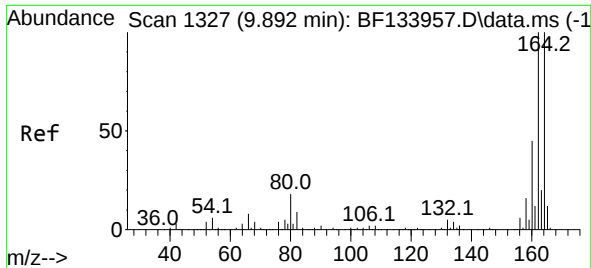
Tgt Ion:142 Resp: 505595

Ion Ratio Lower Upper

142 100

141 90.0 73.5 110.3





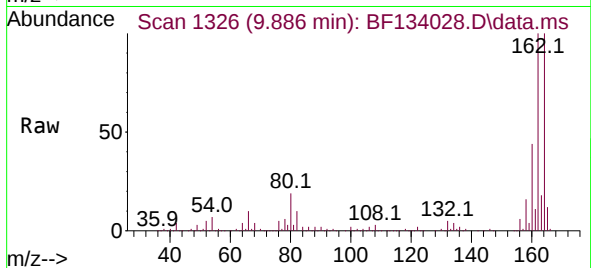
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11326
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

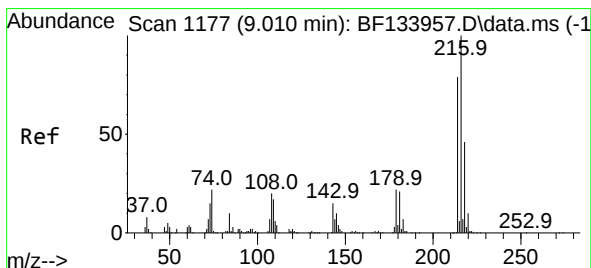
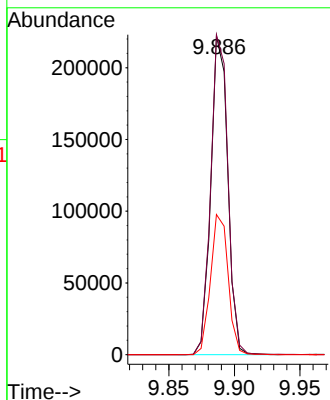
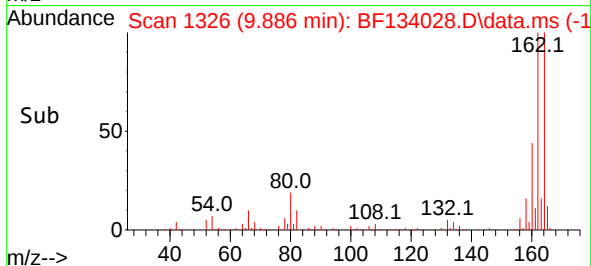


Tgt Ion:164 Resp: 199802
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 44.0 35.9 53.9

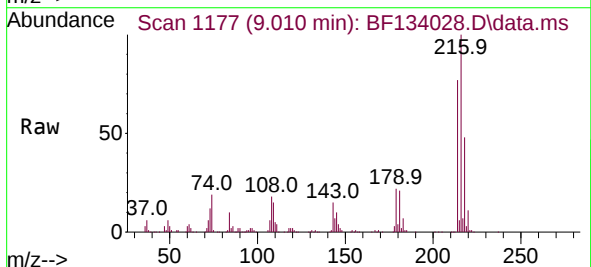
Manual Integrations

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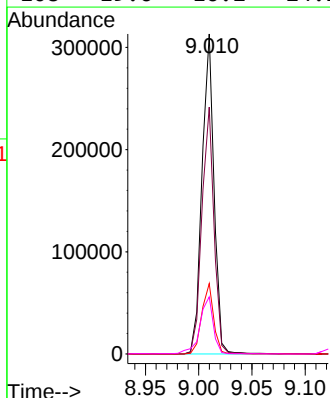
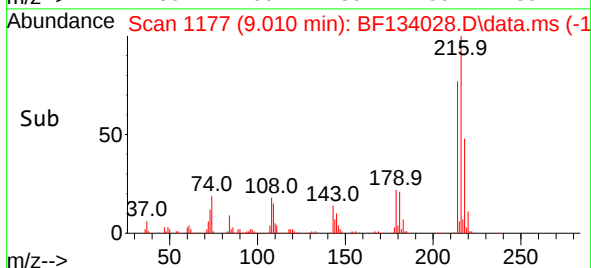
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.585 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:216 Resp: 246160
Ion Ratio Lower Upper
216 100
214 78.0 64.1 96.1
179 21.8 17.3 25.9
108 19.6 16.2 24.2





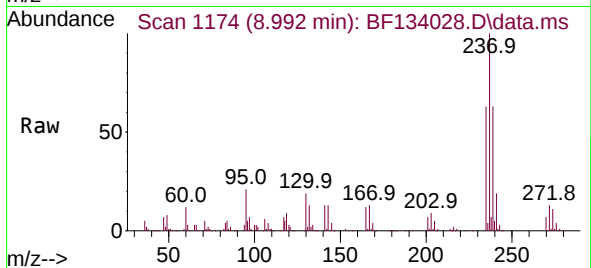
#41
Hexachlorocyclopentadiene
Concen: 36.167 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

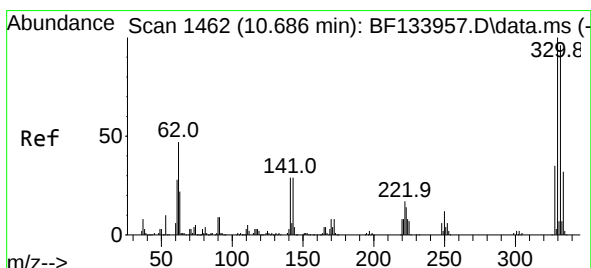
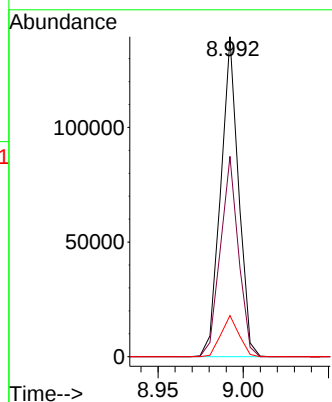
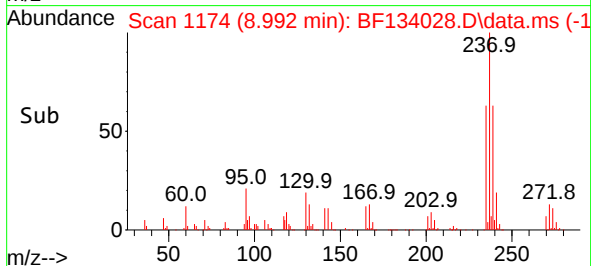


Tgt Ion:237 Resp: 10156
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 12.9 0.0 34.6

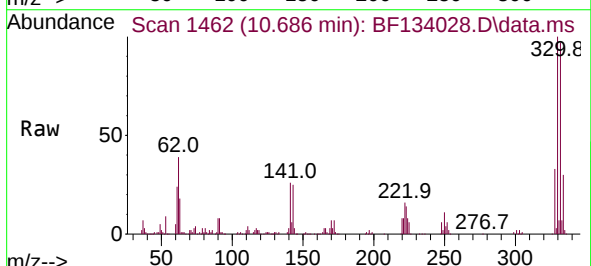
Manual Integrations

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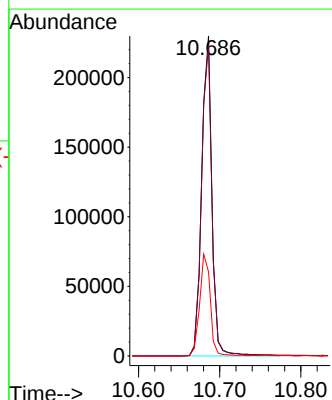
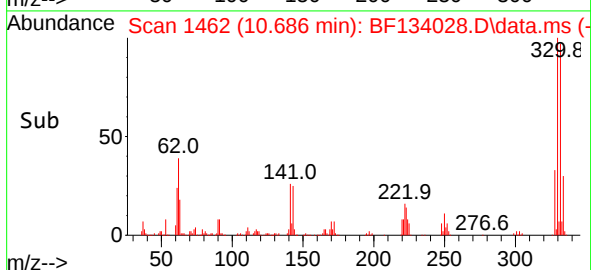
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

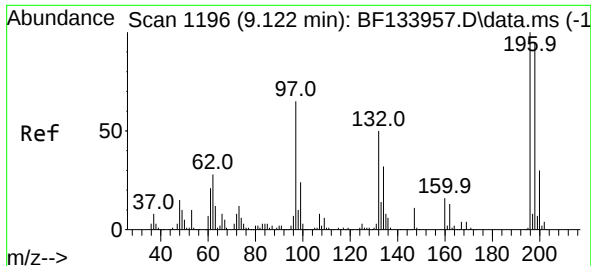


#42
2,4,6-Tribromophenol
Concen: 80.902 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:330 Resp: 202668
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 32.9 26.3 39.5





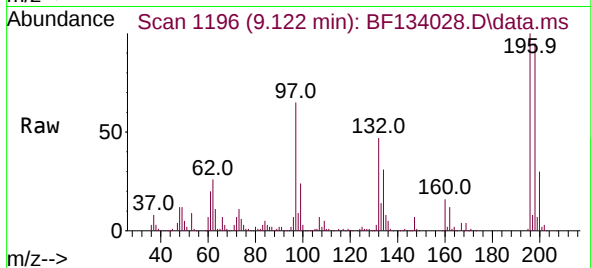
#43
2,4,6-Trichlorophenol
Concen: 40.497 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

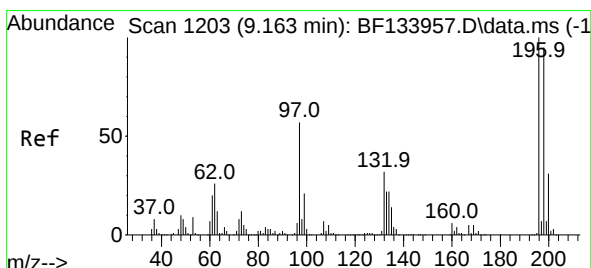
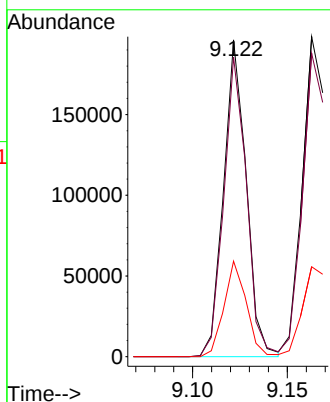
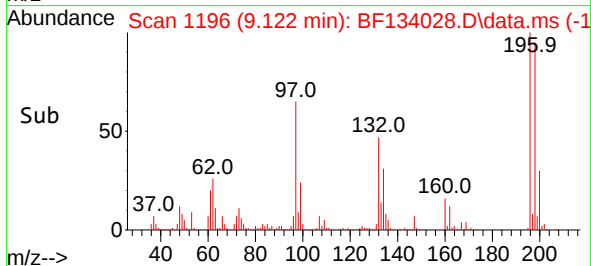


Tgt Ion:196 Resp: 16318
Ion Ratio Lower Upper
196 100
198 94.6 75.6 113.4
200 30.2 24.4 36.6

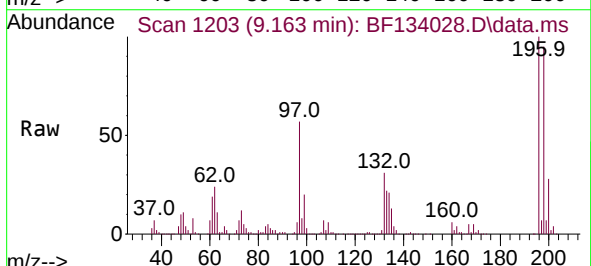
Manual Integrations

APPROVED

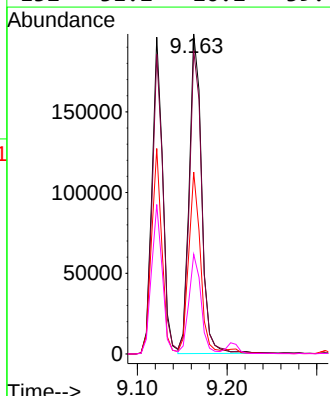
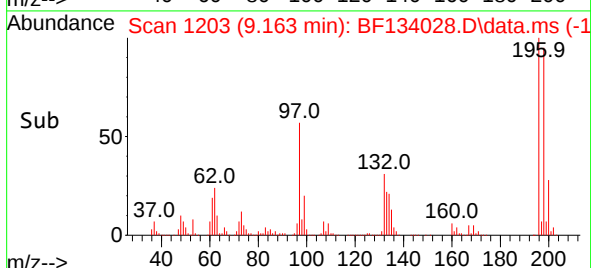
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

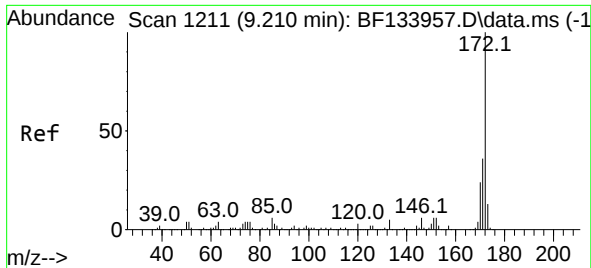


#44
2,4,5-Trichlorophenol
Concen: 40.119 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:196 Resp: 190163
Ion Ratio Lower Upper
196 100
198 94.8 75.7 113.5
97 56.9 45.8 68.6
132 31.2 26.2 39.4





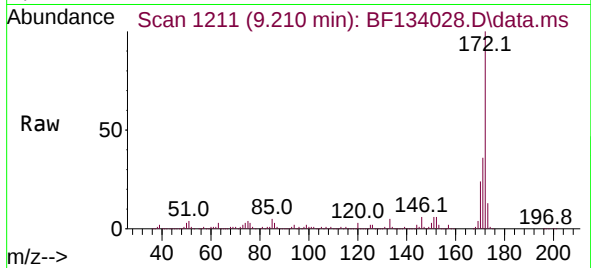
#45
2-Fluorobiphenyl
Concen: 81.259 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

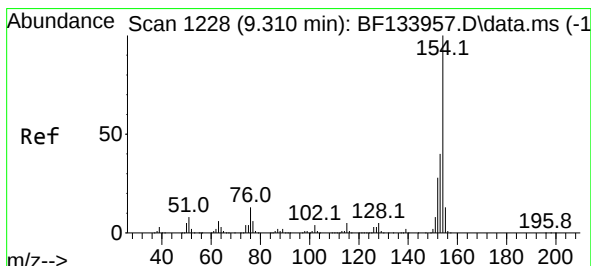
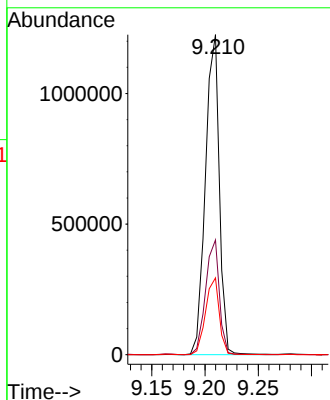
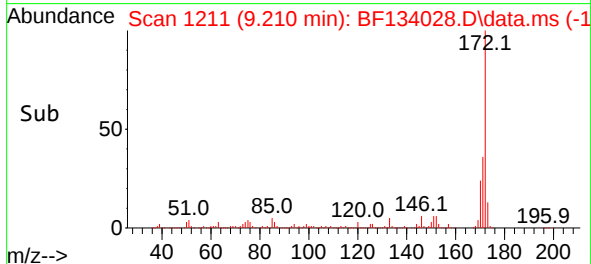


Tgt Ion:172 Resp: 1116700
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.4 29.0

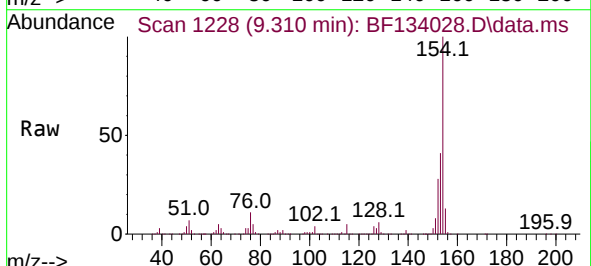
Manual Integrations

APPROVED

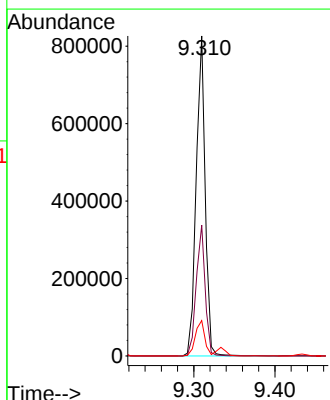
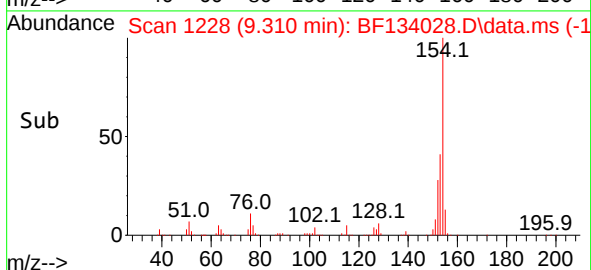
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

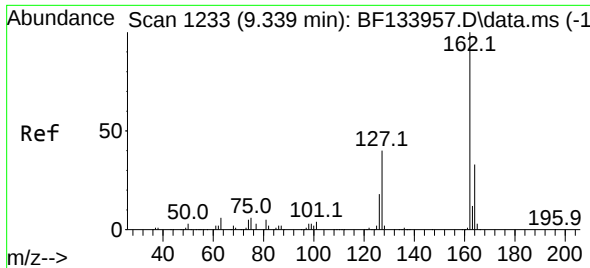


#46
1,1'-Biphenyl
Concen: 40.067 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:154 Resp: 642165
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 11.0 0.0 32.9





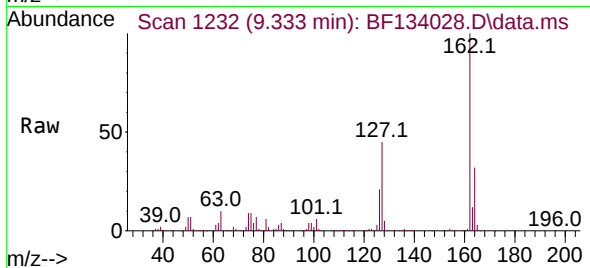
#47
2-Chloronaphthalene
Concen: 39.826 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

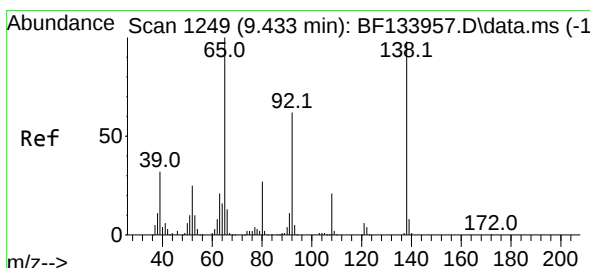
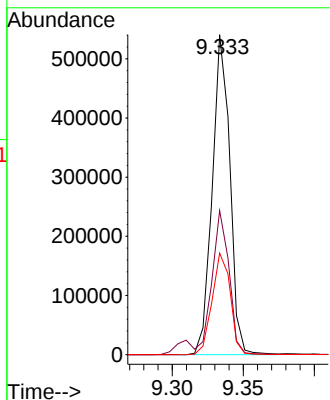
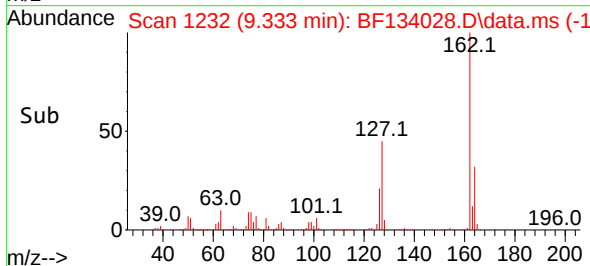


Tgt Ion:162 Resp: 467020
Ion Ratio Lower Upper
162 100
127 45.0 32.9 49.3
164 31.7 26.1 39.1

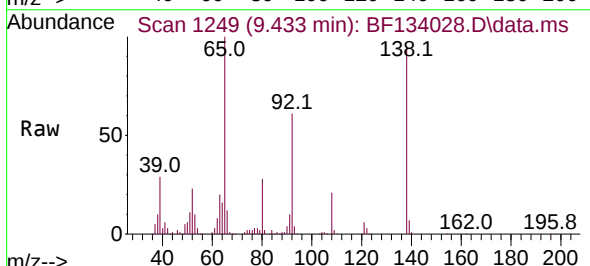
Manual Integrations

APPROVED

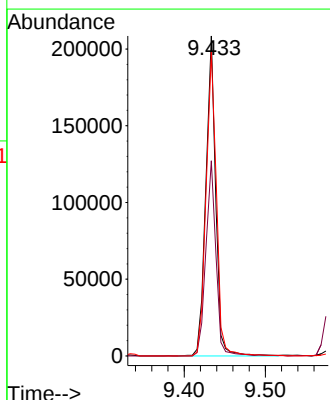
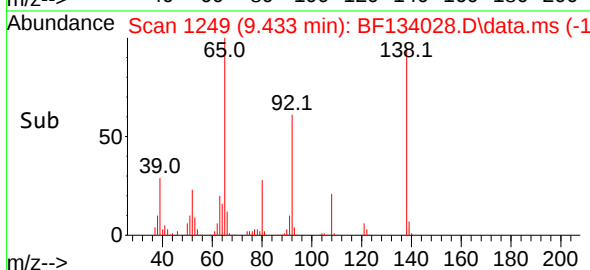
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#48
2-Nitroaniline
Concen: 41.183 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion: 65 Resp: 176006
Ion Ratio Lower Upper
65 100
92 61.0 49.5 74.3
138 95.0 78.0 117.0





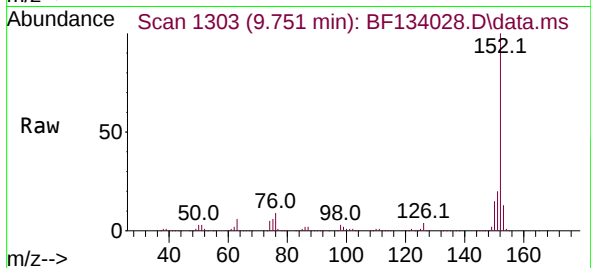
#49
Acenaphthylene
Concen: 40.025 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



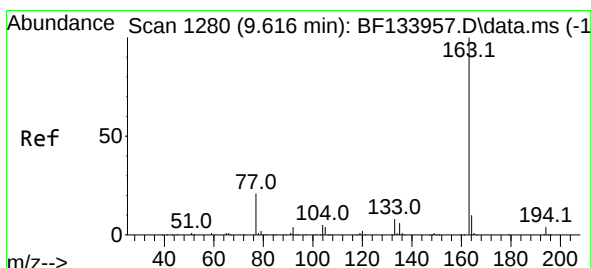
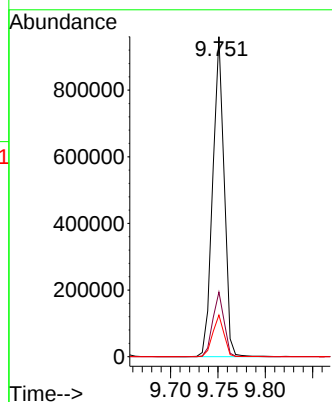
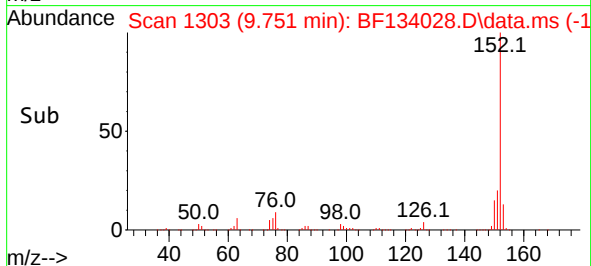
Tgt Ion:152 Resp: 801779
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.8 16.2

Manual Integrations

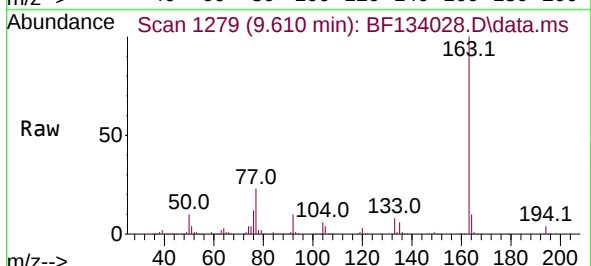
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

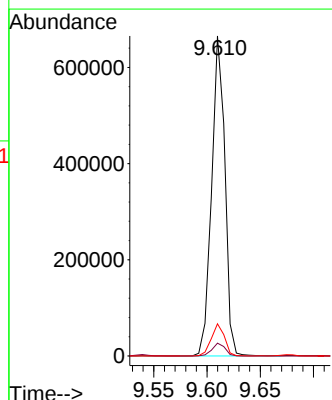
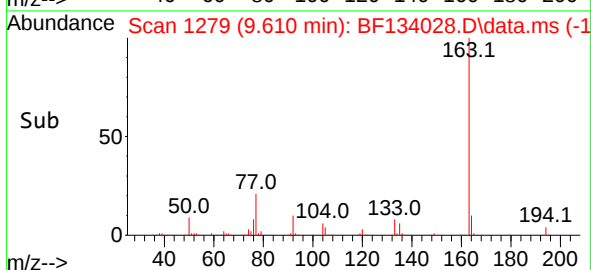
Supervised By :mohammad ahmed 06/30/2023

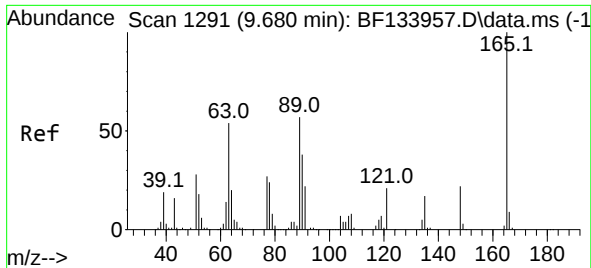


#50
Dimethylphthalate
Concen: 39.693 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:163 Resp: 575695
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.2 12.2





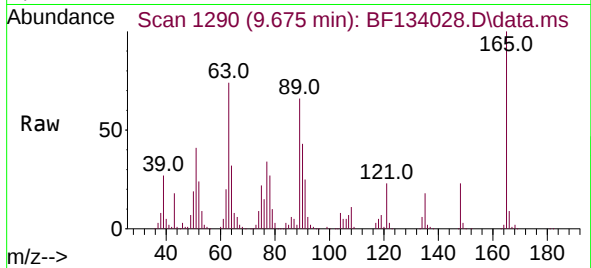
#51
2,6-Dinitrotoluene
Concen: 40.346 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



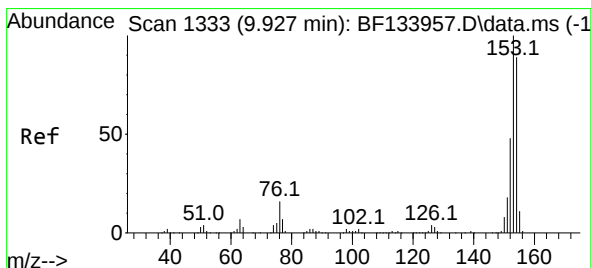
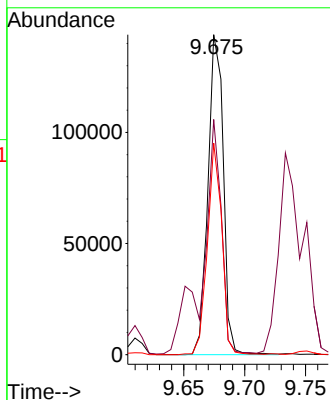
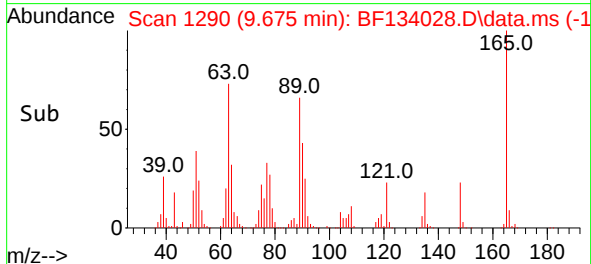
Tgt Ion:165 Resp: 126030
Ion Ratio Lower Upper
165 100
63 73.5 48.5 72.7
89 66.1 45.5 68.3

Manual Integrations

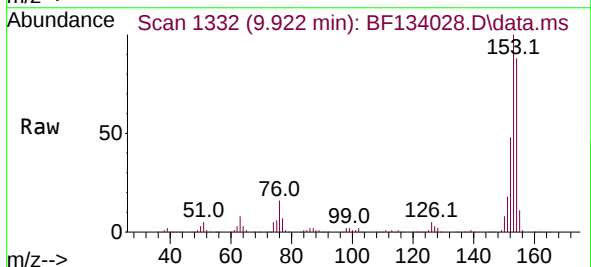
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

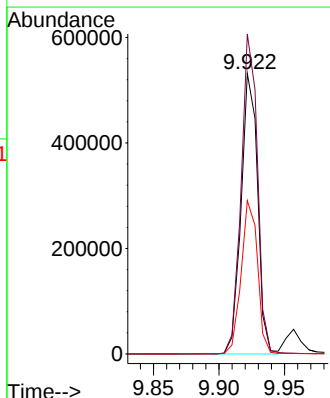
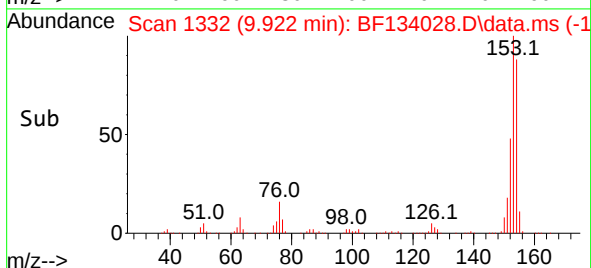
Supervised By :mohammad ahmed 06/30/2023

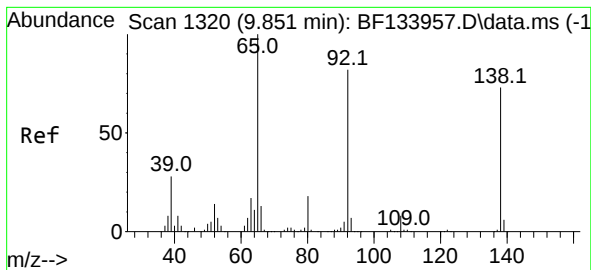


#52
Acenaphthene
Concen: 40.095 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:154 Resp: 466053
Ion Ratio Lower Upper
154 100
153 114.1 89.4 134.2
152 54.6 42.8 64.2





#53

3-Nitroaniline

Concen: 39.600 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 14840

Ion Ratio Lower Upper

138 100

108 11.6 8.4 12.6

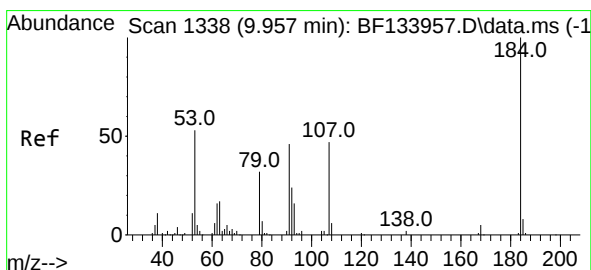
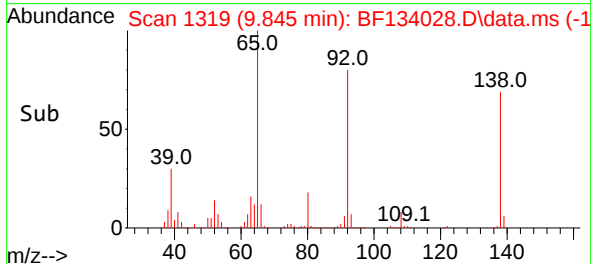
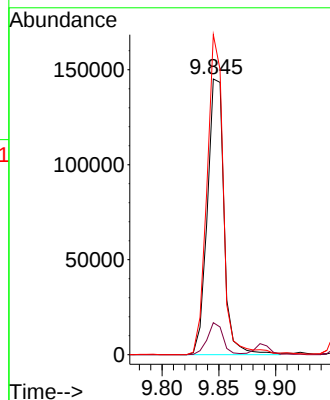
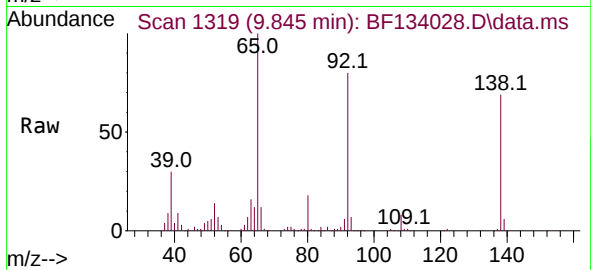
92 116.0 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#54

2,4-Dinitrophenol

Concen: 34.631 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

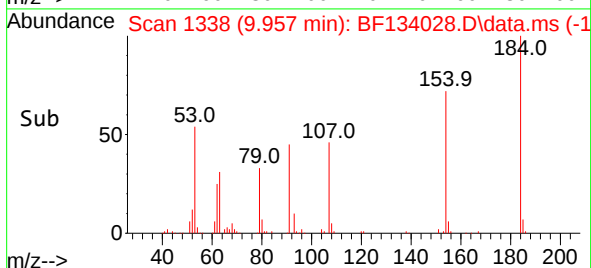
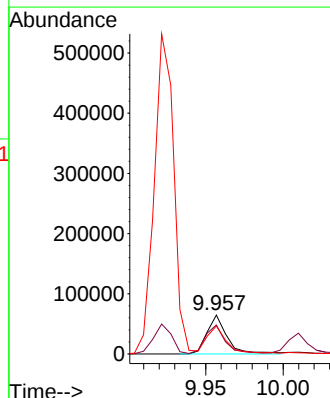
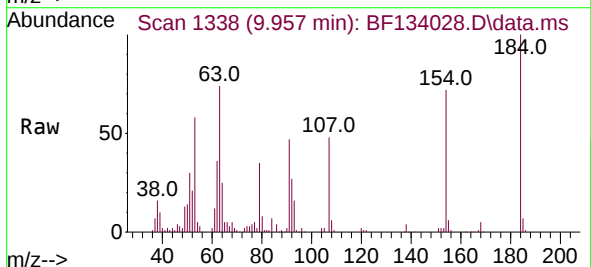
Tgt Ion:184 Resp: 58322

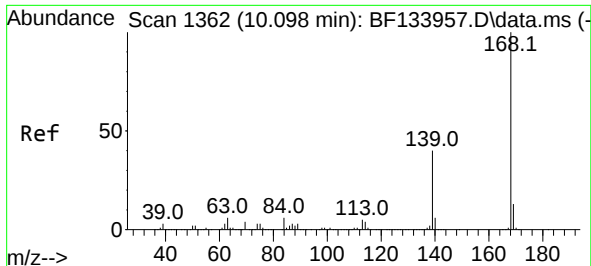
Ion Ratio Lower Upper

184 100

63 74.4 56.9 85.3

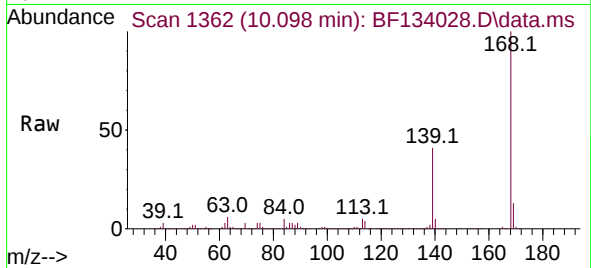
154 72.1 55.4 83.0





#55
Dibenzofuran
Concen: 39.503 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

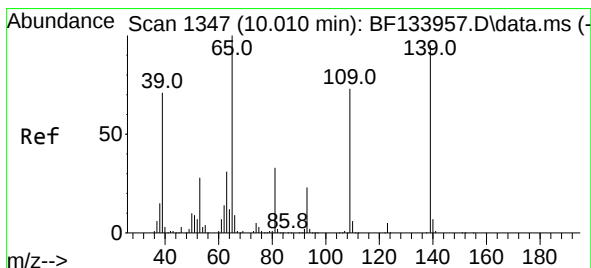
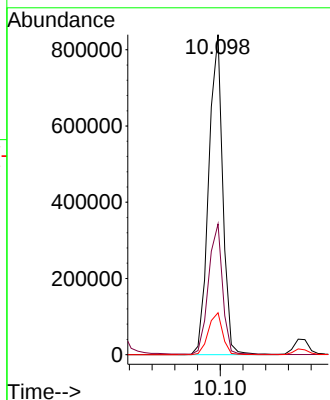
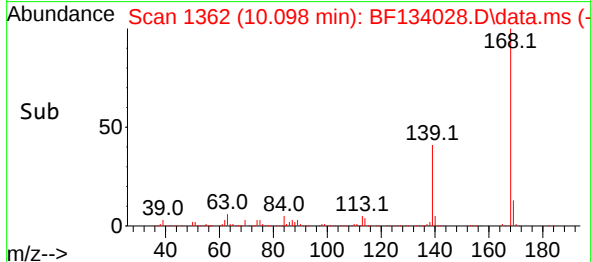
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 717615
Ion Ratio Lower Upper
168 100
139 40.8 32.0 48.0
169 13.1 10.6 16.0

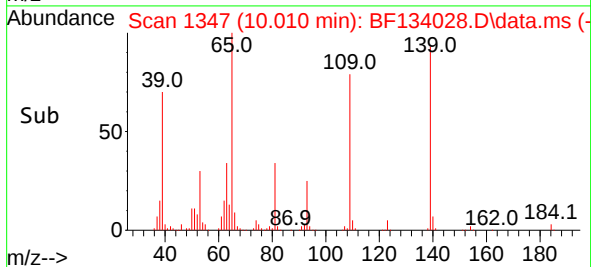
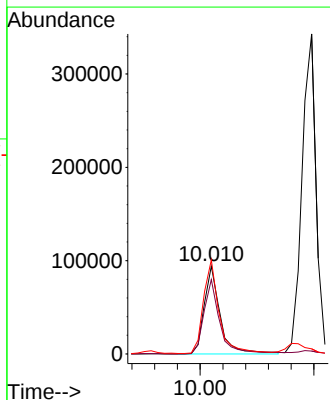
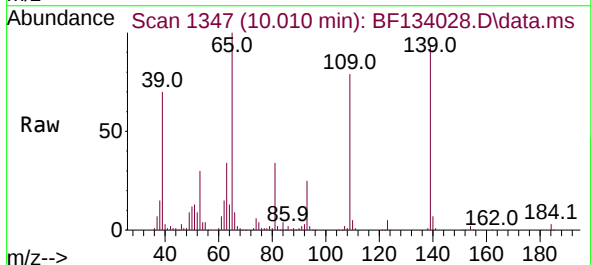
Manual Integrations
APPROVED

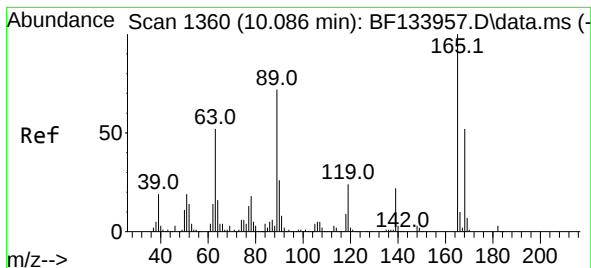
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 34.871 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:139 Resp: 91410
Ion Ratio Lower Upper
139 100
109 84.8 56.8 96.8
65 107.3 86.1 126.1





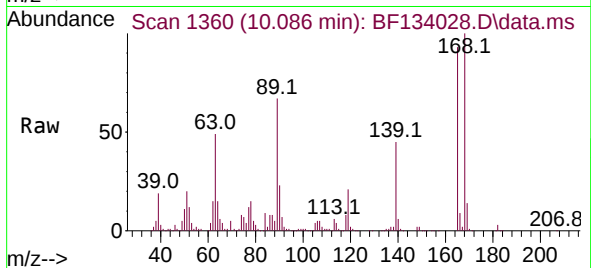
#57
2,4-Dinitrotoluene
Concen: 39.709 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

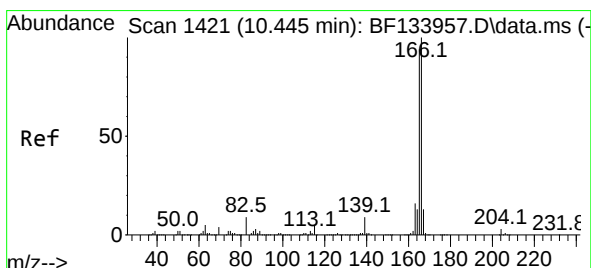
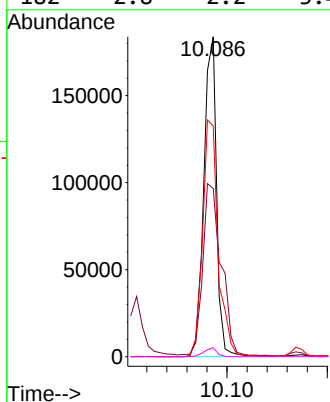
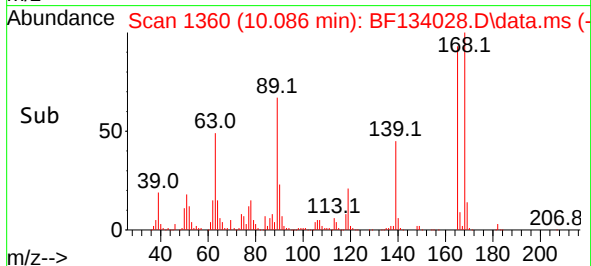


Tgt Ion:165 Resp: 163818
Ion Ratio Lower Upper
165 100
63 52.6 42.2 63.2
89 72.1 57.4 86.2
182 2.8 2.2 3.4

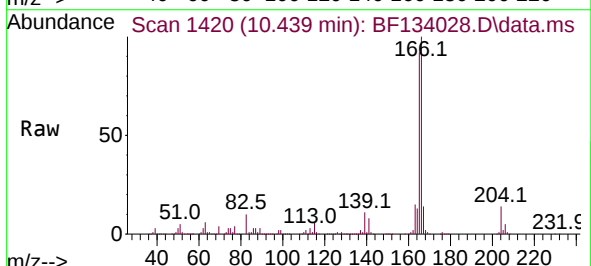
Manual Integrations

APPROVED

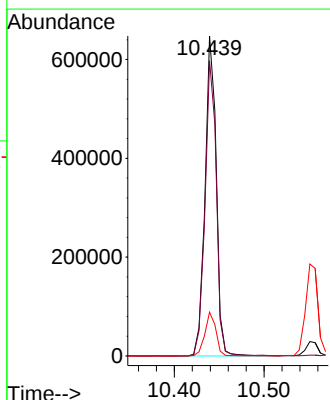
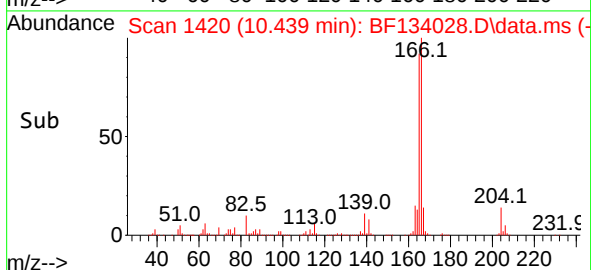
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

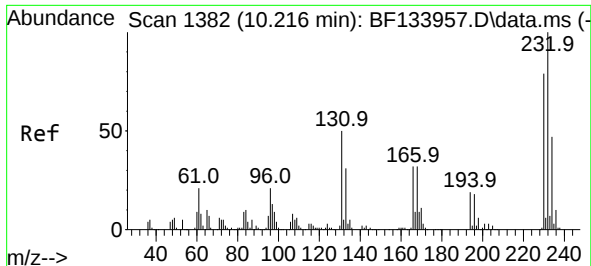


#58
Fluorene
Concen: 39.698 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



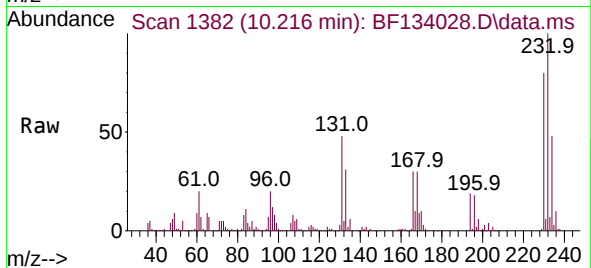
Tgt Ion:166 Resp: 561053
Ion Ratio Lower Upper
166 100
165 92.3 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.502 ng m
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

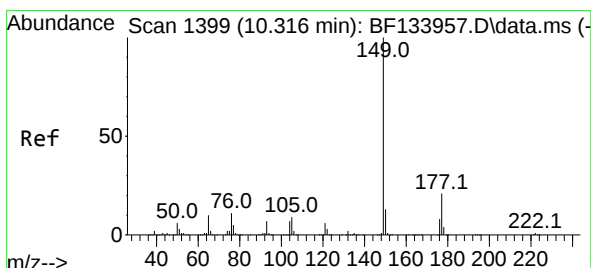
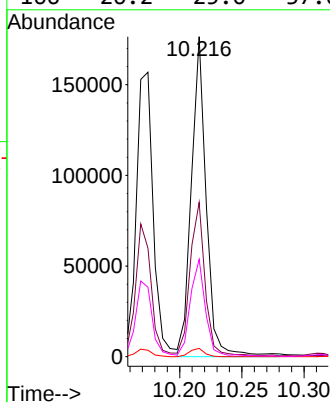
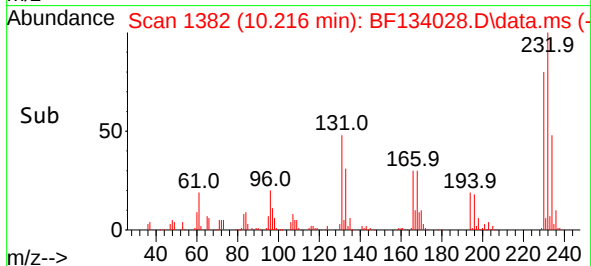
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



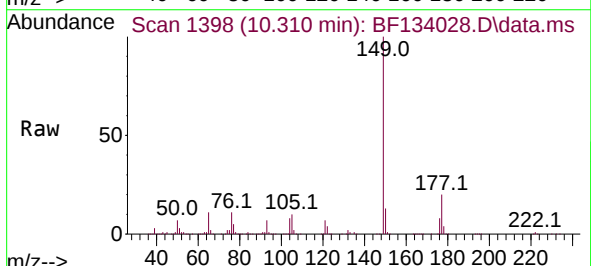
Tgt Ion:232 Resp: 147694
Ion Ratio Lower Upper
232 100
131 43.6 39.3 58.9
130 2.5 1.8 2.6
166 26.2 25.0 37.6

Manual Integrations
APPROVED

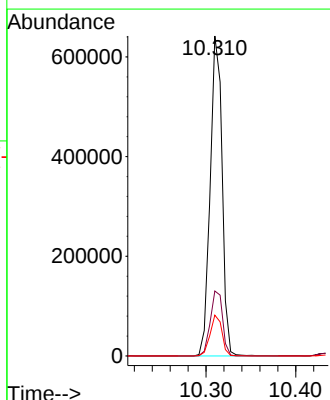
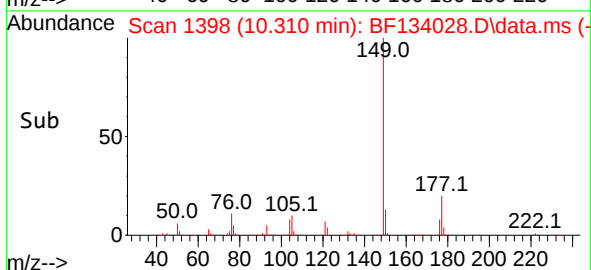
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

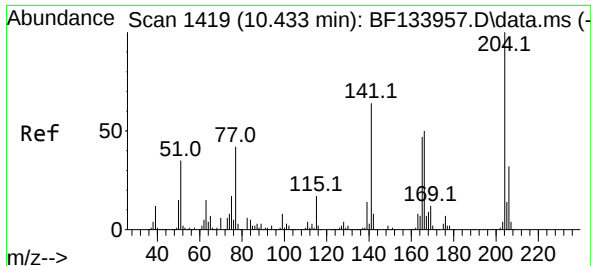


#60
Diethylphthalate
Concen: 39.153 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



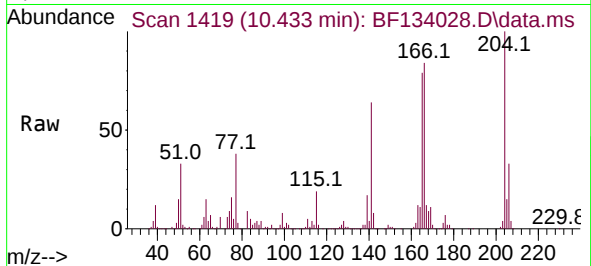
Tgt Ion:149 Resp: 591627
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.200 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

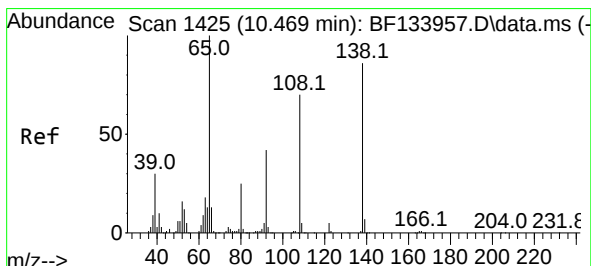
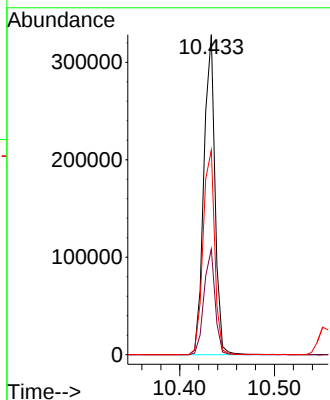
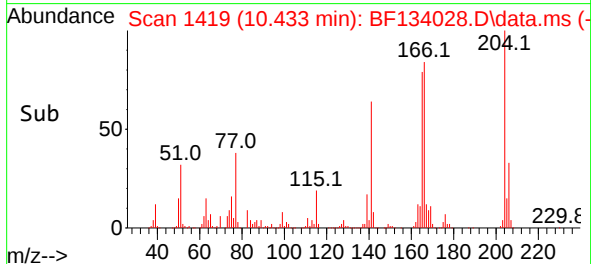
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 266988
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 63.9 51.5 77.3

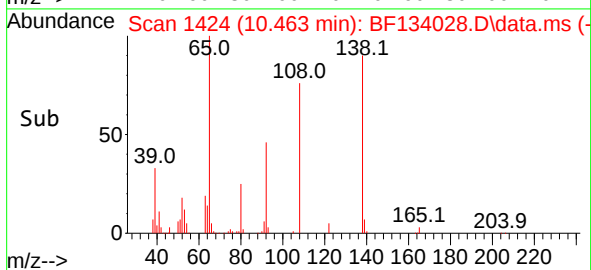
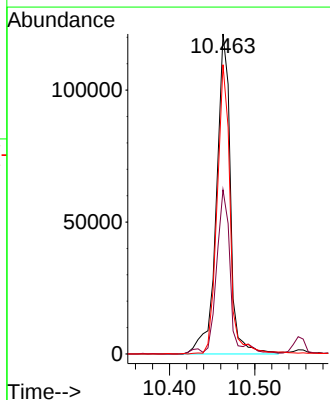
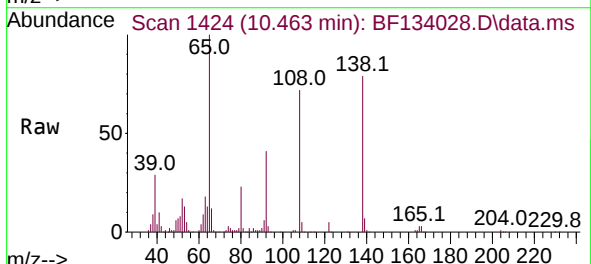
Manual Integrations
APPROVED

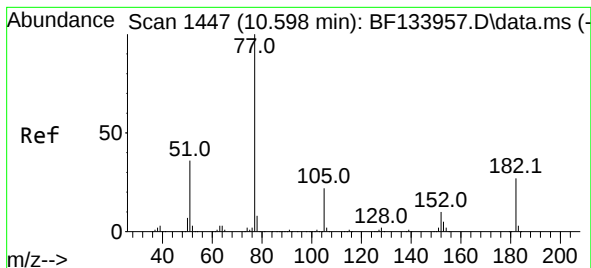
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#62
4-Nitroaniline
Concen: 36.676 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:138 Resp: 138519
Ion Ratio Lower Upper
138 100
92 51.3 29.7 69.7
108 90.4 62.1 102.1





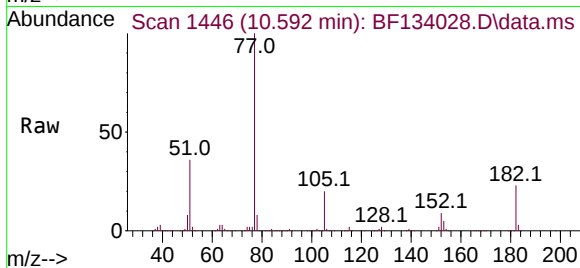
#63
Azobenzene
Concen: 39.407 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

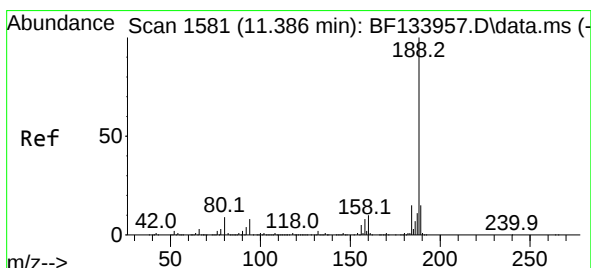
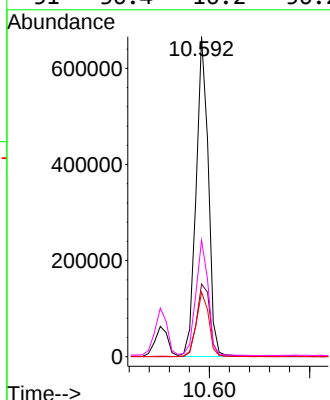
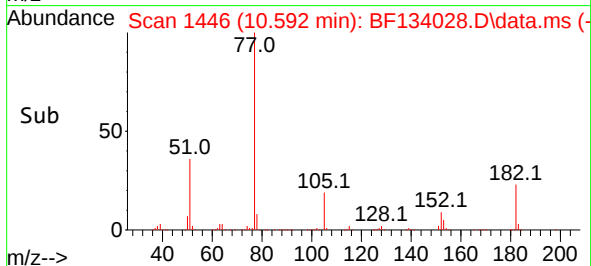


Tgt Ion: 77 Resp: 563260
Ion Ratio Lower Upper
77 100
182 22.7 6.8 46.8
105 20.1 2.3 42.3
51 36.4 16.2 56.2

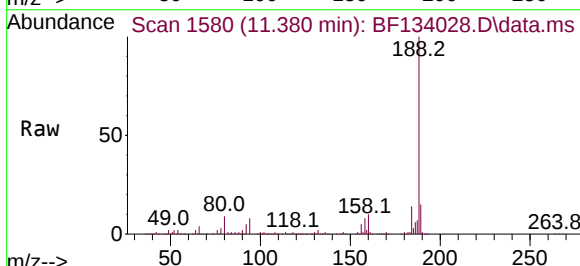
Manual Integrations

APPROVED

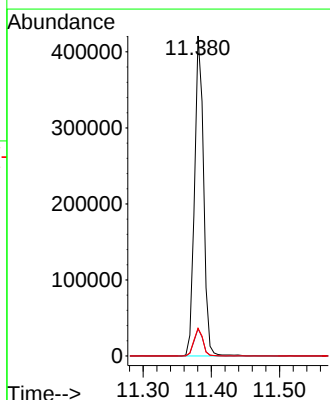
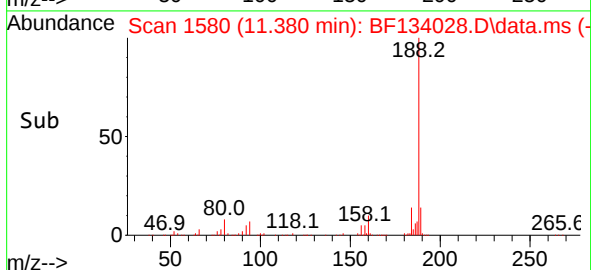
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

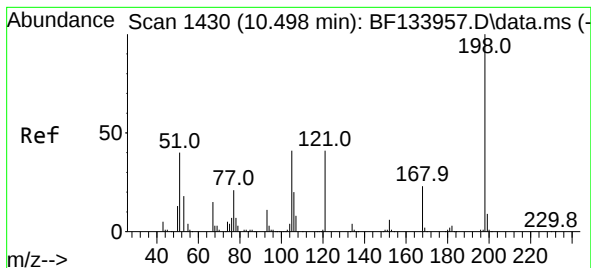


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:188 Resp: 383200
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.6 7.3 10.9





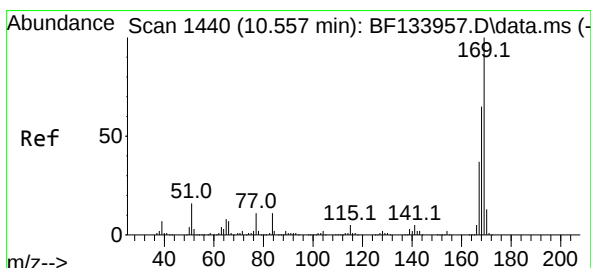
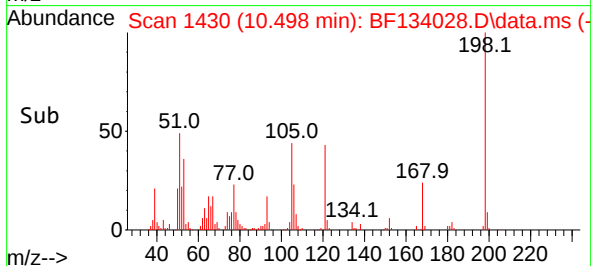
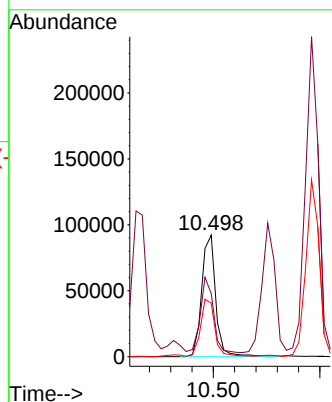
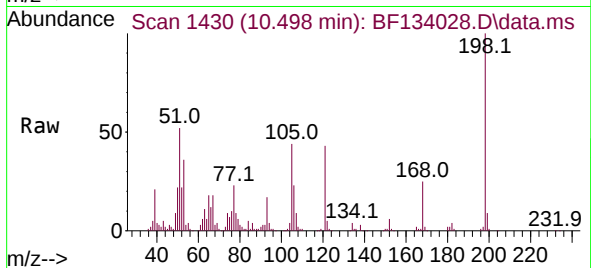
#65
4,6-Dinitro-2-methylphenol
Concen: 40.524 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 8466
Ion Ratio Lower Upper
198 100
51 51.8 29.3 69.3
105 43.9 22.4 62.4

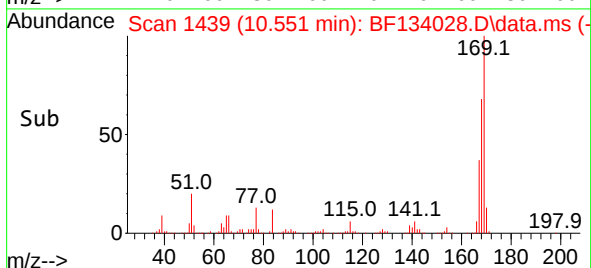
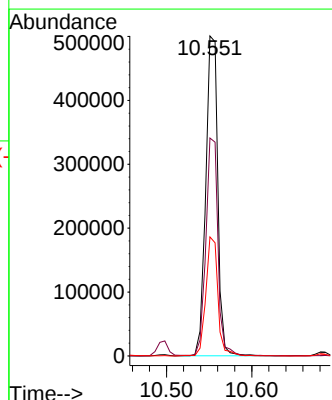
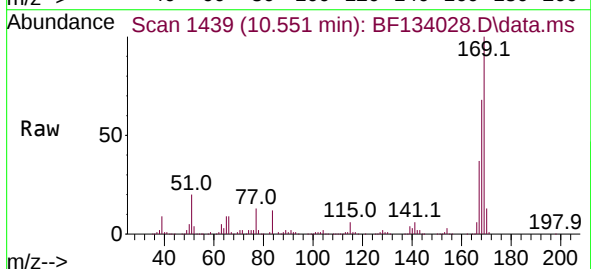
Manual Integrations
APPROVED

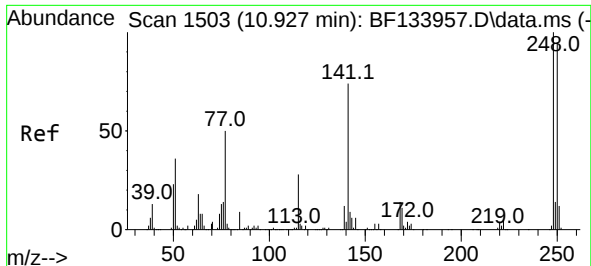
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#66
n-Nitrosodiphenylamine
Concen: 39.874 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:169 Resp: 488195
Ion Ratio Lower Upper
169 100
168 68.1 52.3 78.5
167 37.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.727 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

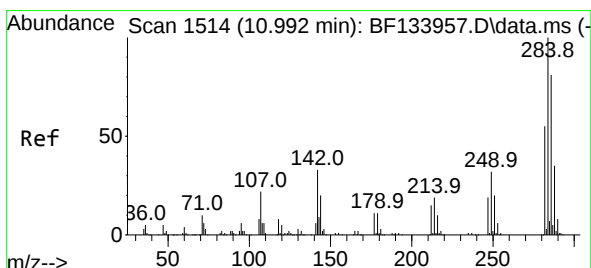
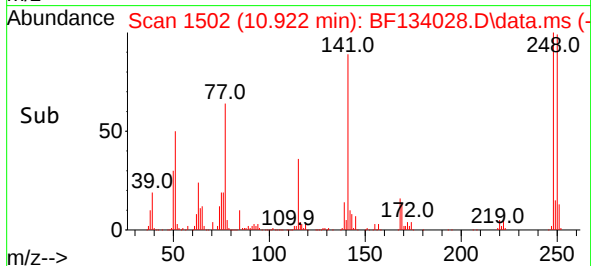
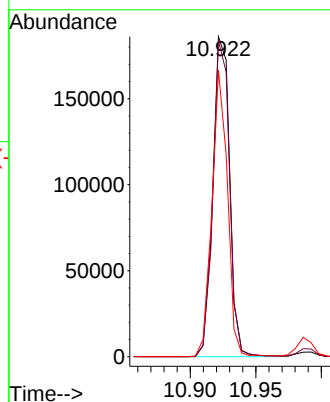
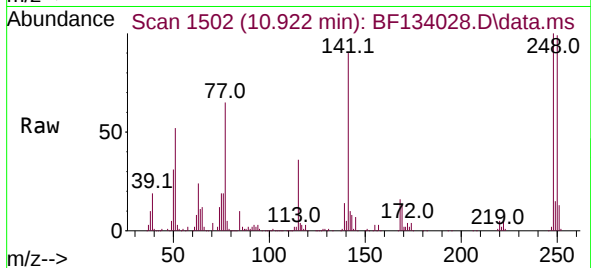
SSTDCCC040

Tgt Ion:248 Resp: 165880
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 89.5 59.0 88.4

Manual Integrations

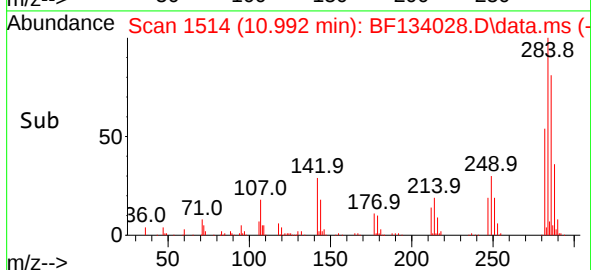
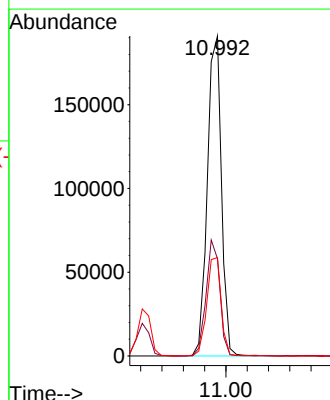
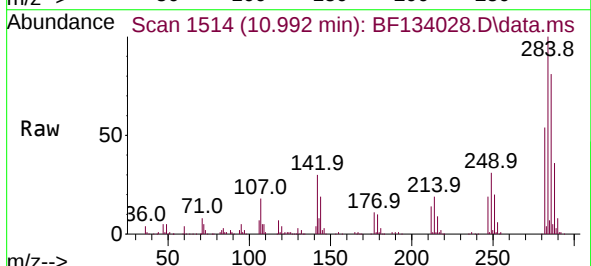
APPROVED

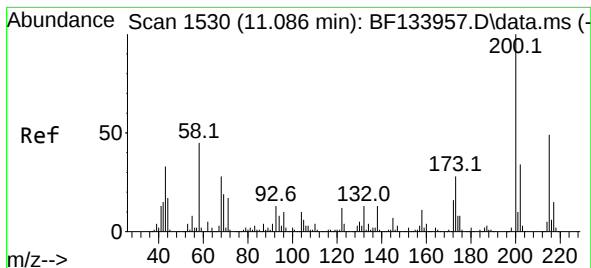
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#68
Hexachlorobenzene
Concen: 40.684 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:284 Resp: 175937
Ion Ratio Lower Upper
284 100
142 30.4 26.6 40.0
249 30.7 25.5 38.3





#69

Atrazine

Concen: 37.432 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 126769

Ion Ratio Lower Upper

200 100

173 27.1 8.0 48.0

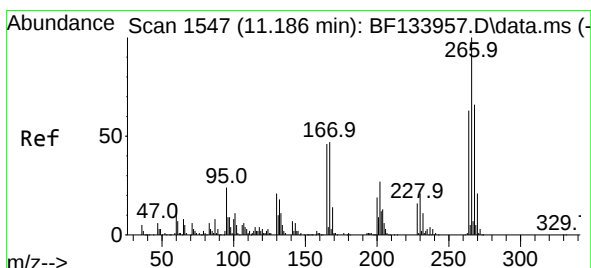
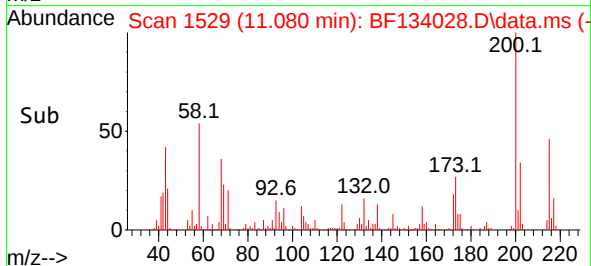
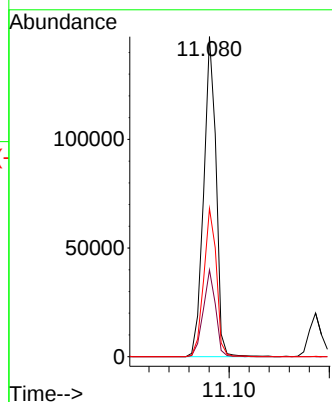
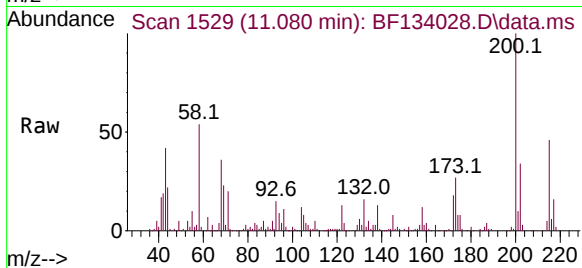
215 46.3 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 39.066 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

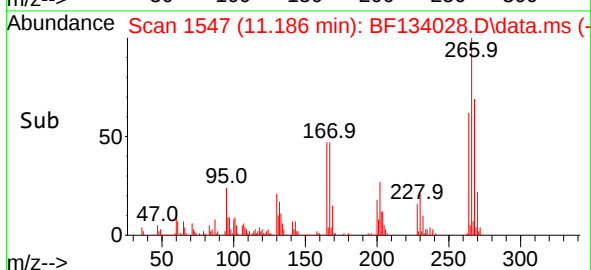
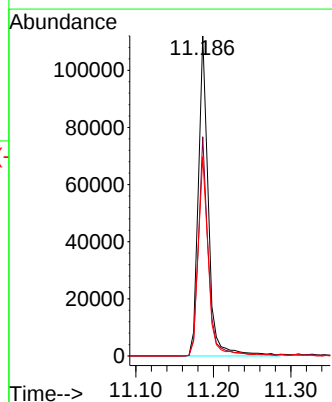
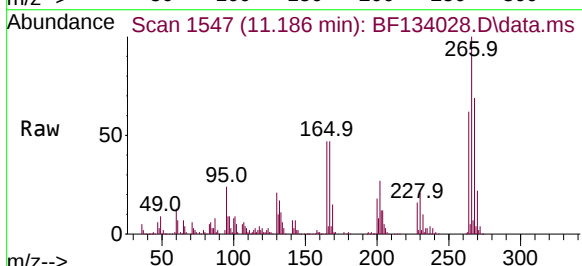
Tgt Ion:266 Resp: 101012

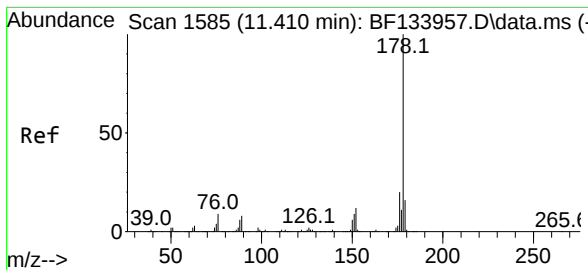
Ion Ratio Lower Upper

266 100

268 68.5 52.6 79.0

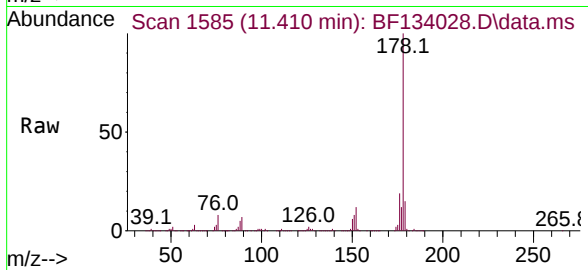
264 62.3 50.6 76.0





#71
Phenanthrene
Concen: 39.438 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

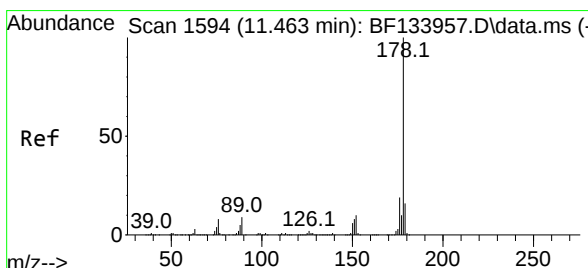
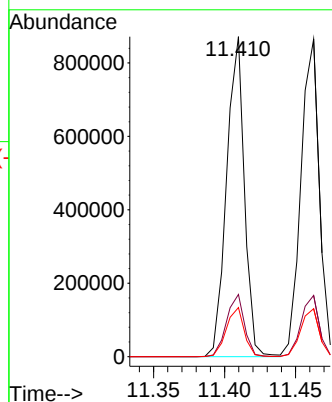
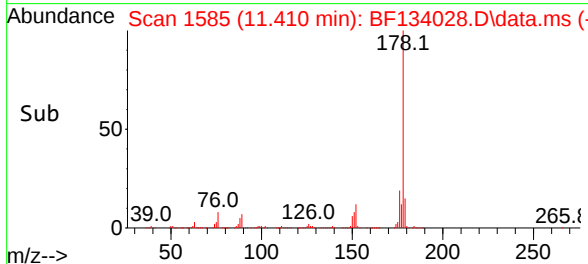
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



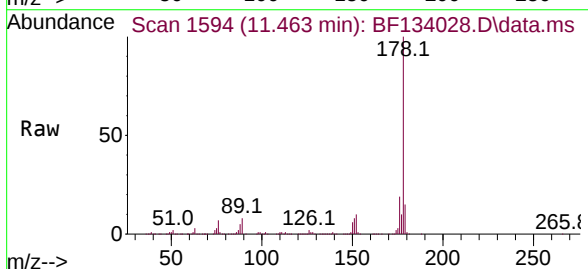
Tgt Ion:178 Resp: 760804
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

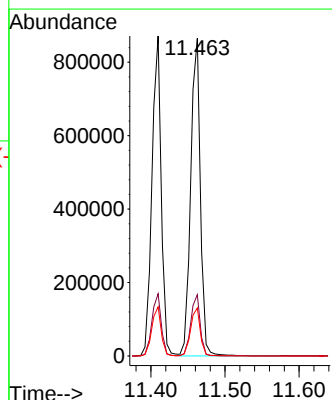
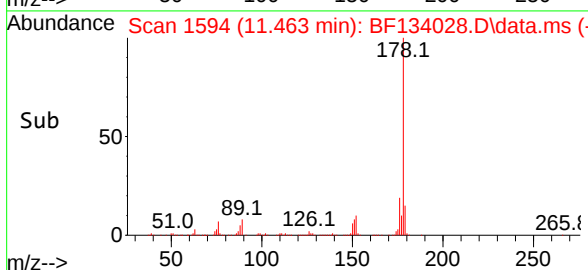
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

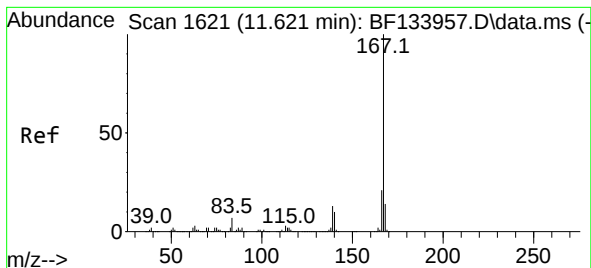


#72
Anthracene
Concen: 39.219 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:178 Resp: 786912
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.1 12.4 18.6





#73

Carbazole

Concen: 37.479 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 68831

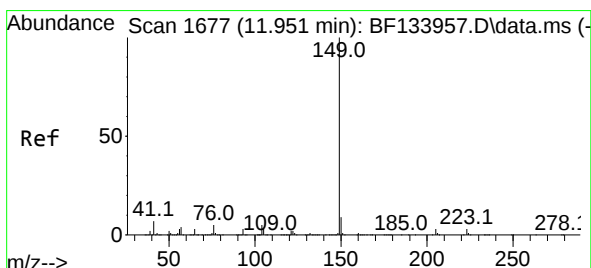
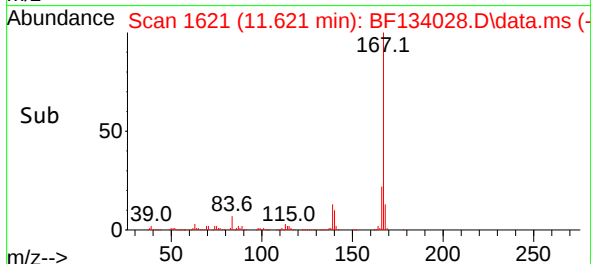
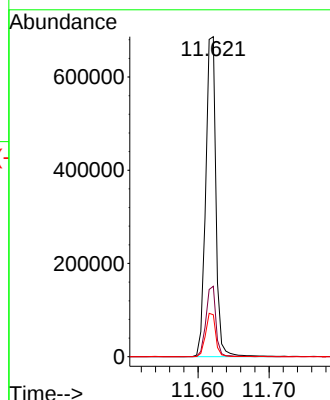
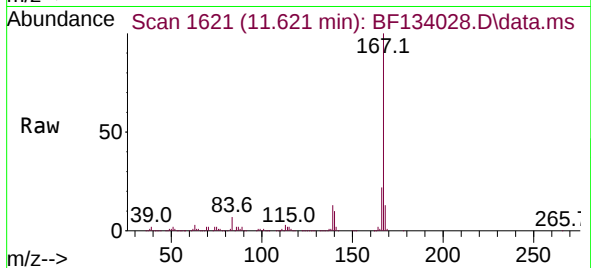
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	13.1	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#74

Di-n-butylphthalate

Concen: 38.983 ng

RT: 11.945 min Scan# 1676

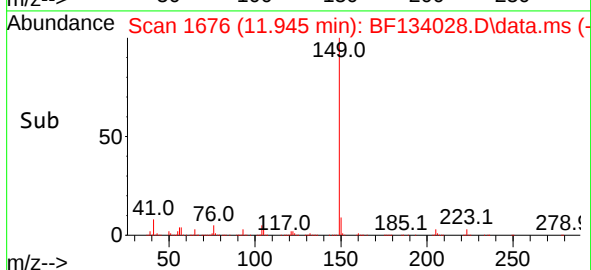
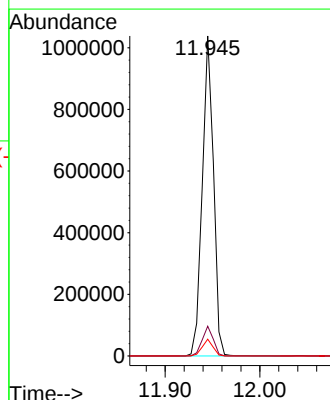
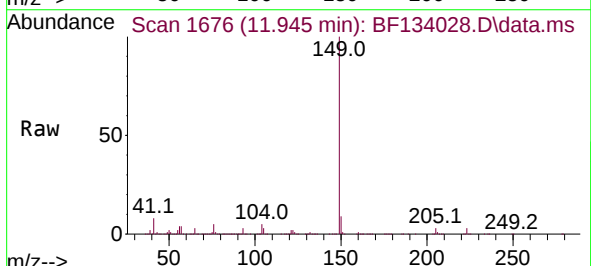
Delta R.T. -0.006 min

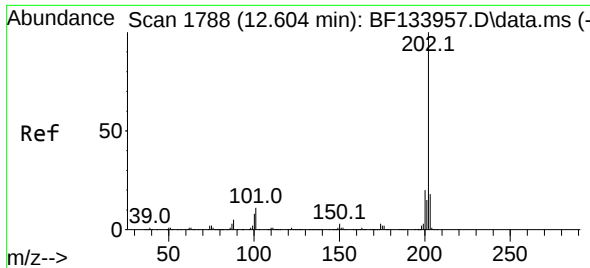
Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Tgt Ion:149 Resp: 851380

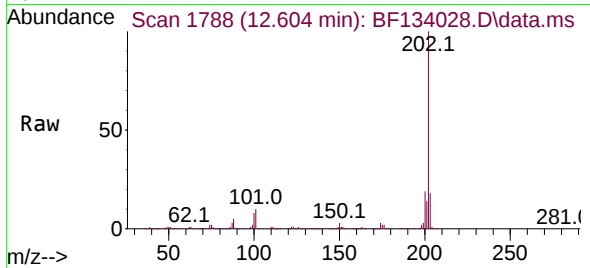
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.3	4.0	6.0





#75
Fluoranthene
Concen: 36.239 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

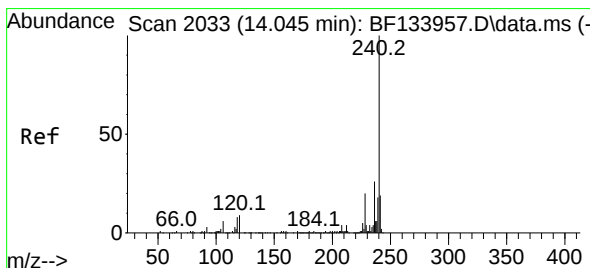
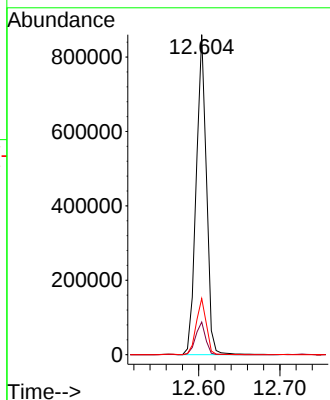
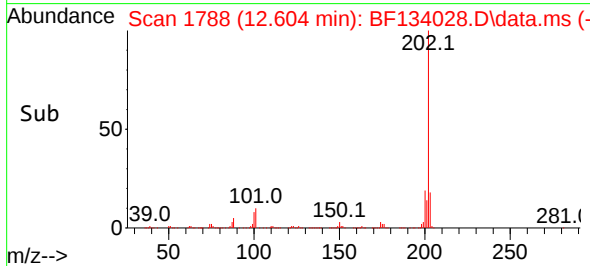
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 755774
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.0
203 17.5 0.0 37.6

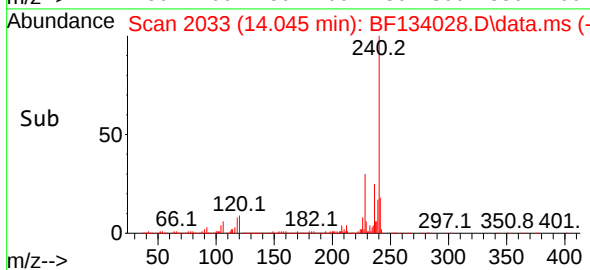
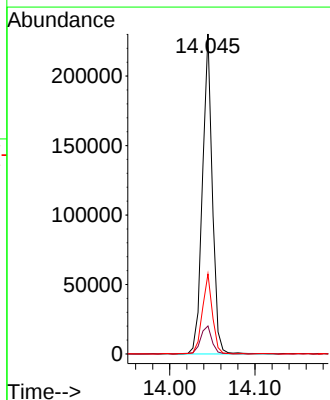
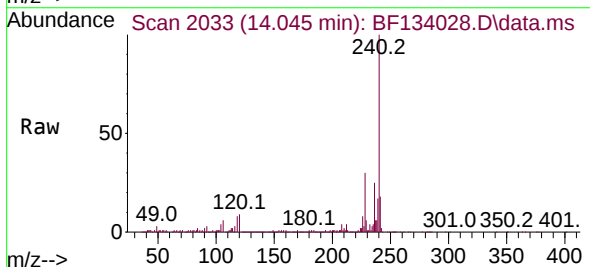
Manual Integrations
APPROVED

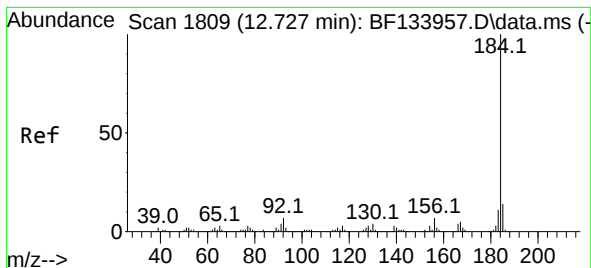
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:240 Resp: 185030
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 25.0 21.0 31.6





#77

Benzidine

Concen: 40.458 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

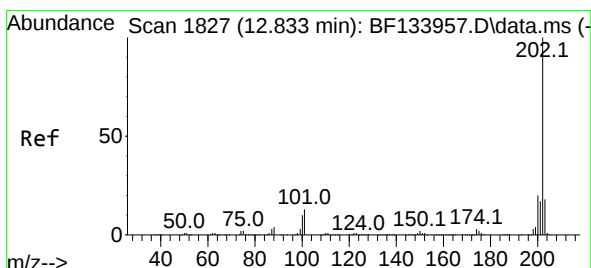
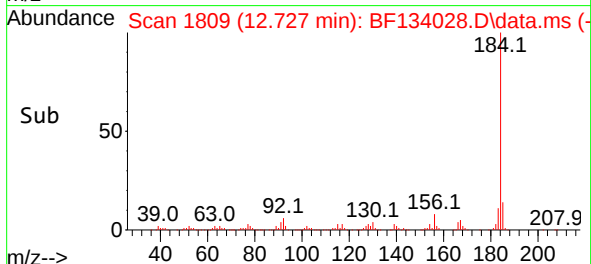
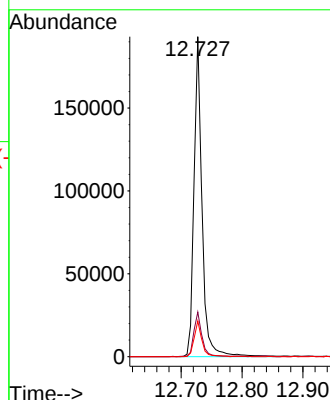
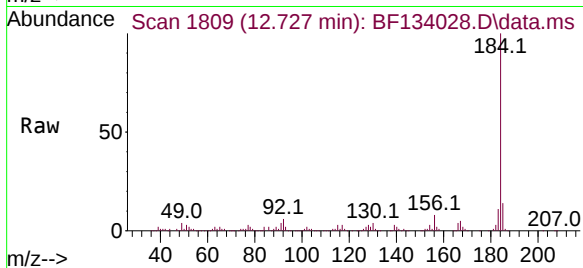
SSTDCCC040

Tgt Ion:184 Resp: 17812
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.6 17.4
 183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#78

Pyrene

Concen: 42.779 ng

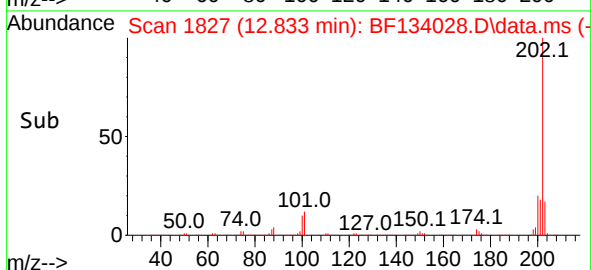
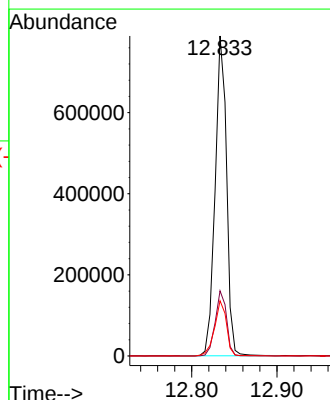
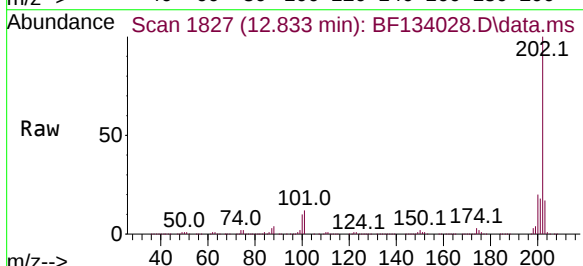
RT: 12.833 min Scan# 1827

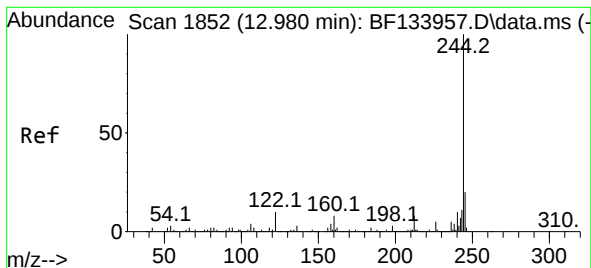
Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Tgt Ion:202 Resp: 736637
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.1 24.1
 203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 86.737 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF134028.D

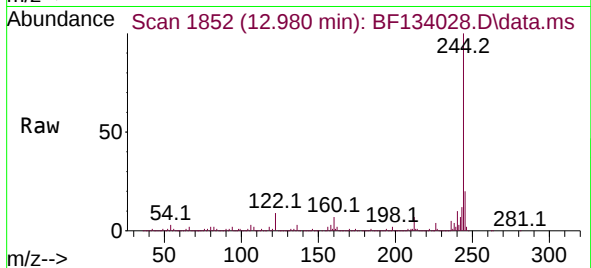
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

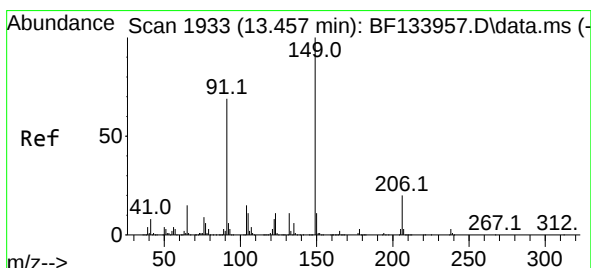
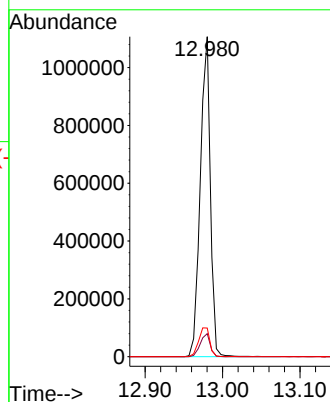
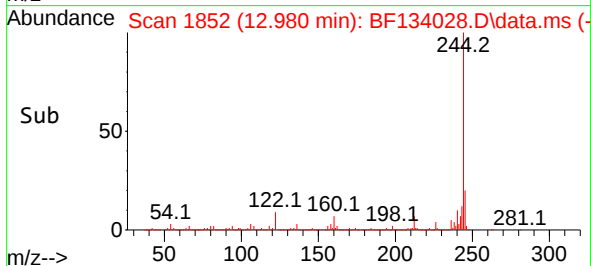


Tgt Ion:	244	Resp:	99719
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	9.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#80

Butylbenzylphthalate

Concen: 42.482 ng

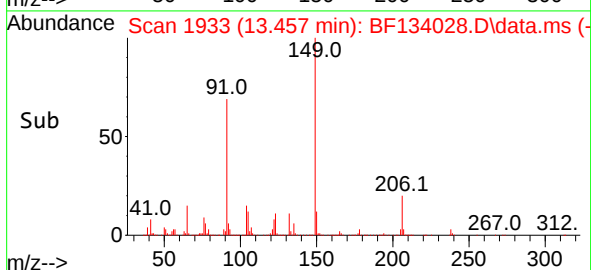
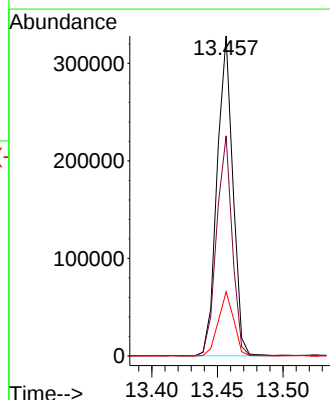
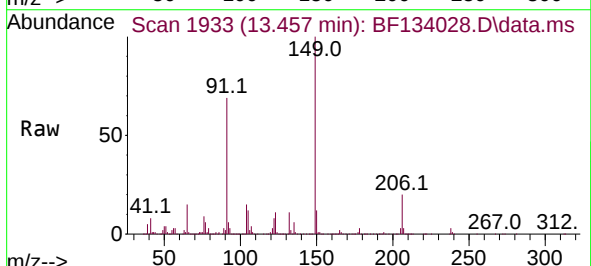
RT: 13.457 min Scan# 1933

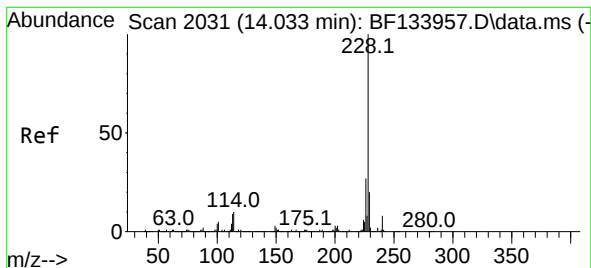
Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Tgt Ion:	149	Resp:	274353
Ion Ratio	Lower	Upper	
149	100		
91	68.8	55.1	82.7
206	20.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.295 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 50424

Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

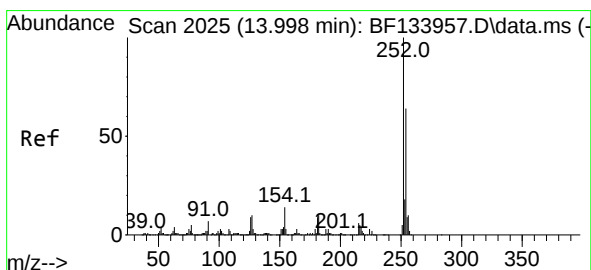
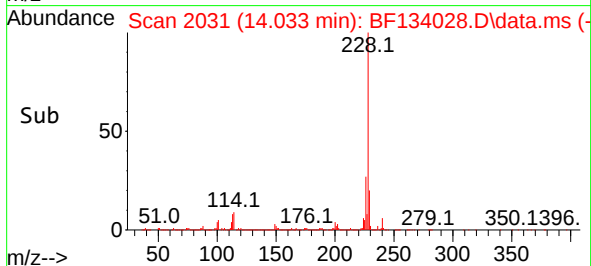
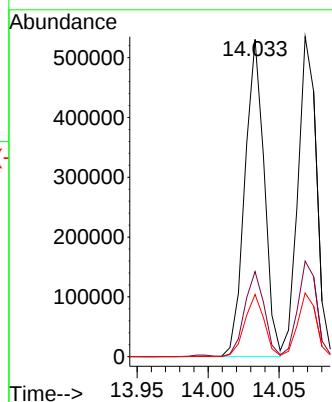
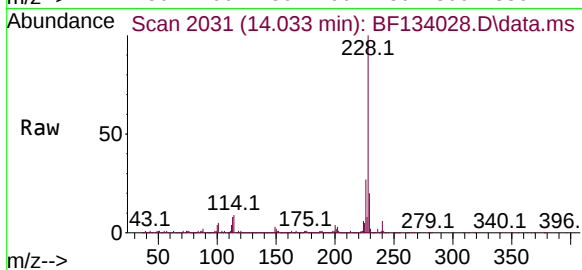
229 19.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.771 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

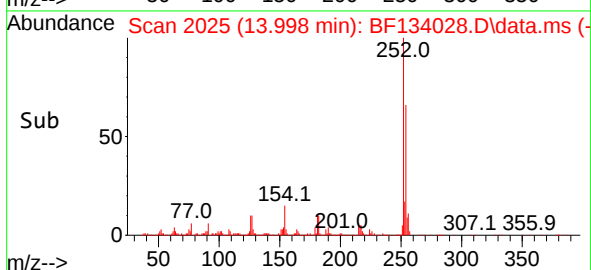
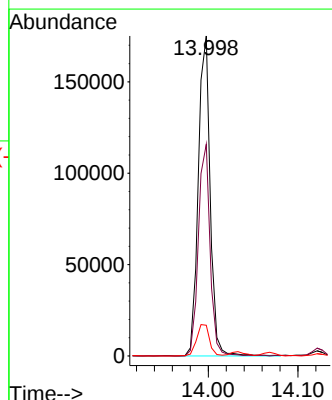
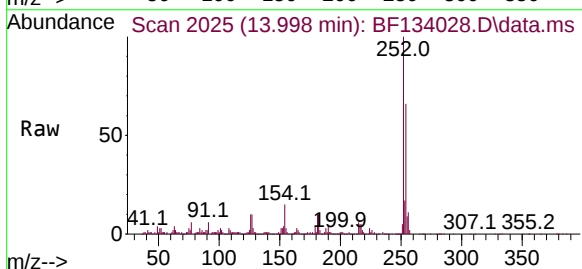
Tgt Ion:252 Resp: 161687

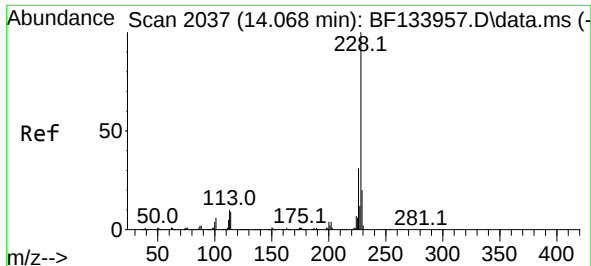
Ion Ratio Lower Upper

252 100

254 66.2 51.4 77.0

126 9.6 7.4 11.2





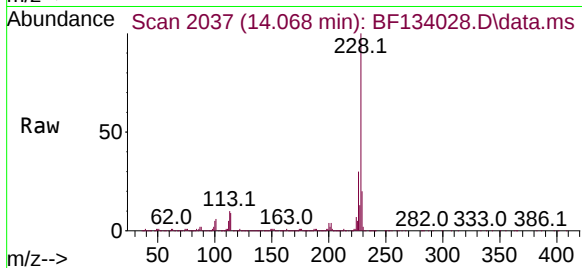
#83
Chrysene
Concen: 39.428 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

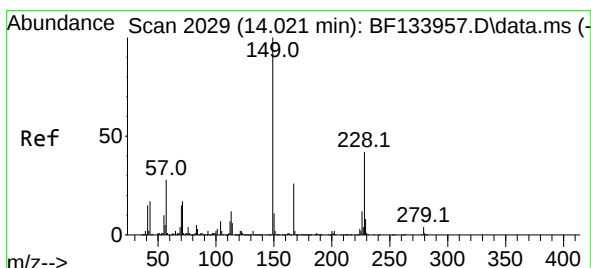
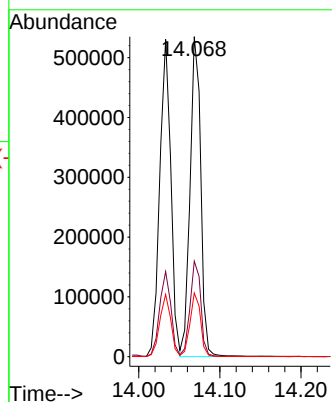
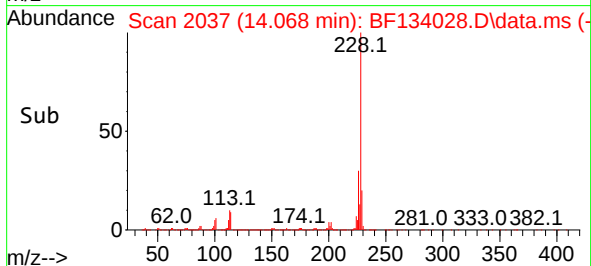


Tgt Ion:228 Resp: 49004
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.9 16.1 24.1

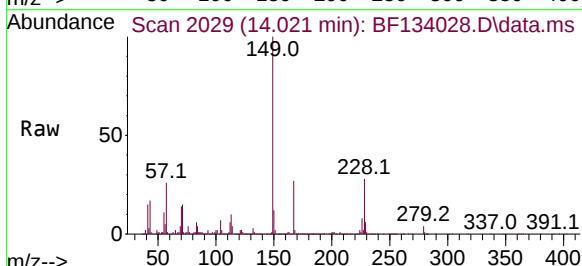
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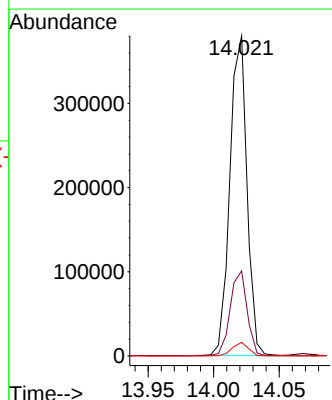
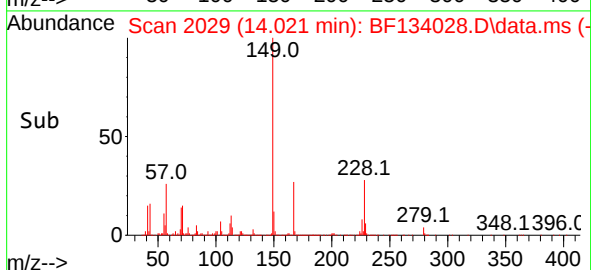
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

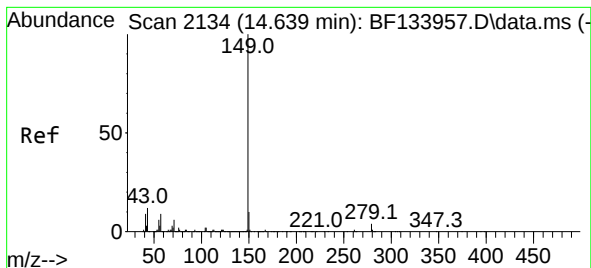


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.454 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



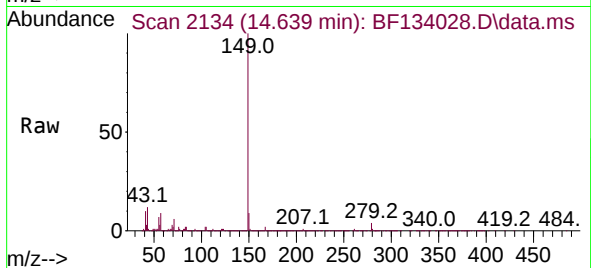
Tgt Ion:149 Resp: 344726
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.820 ng
RT: 14.639 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

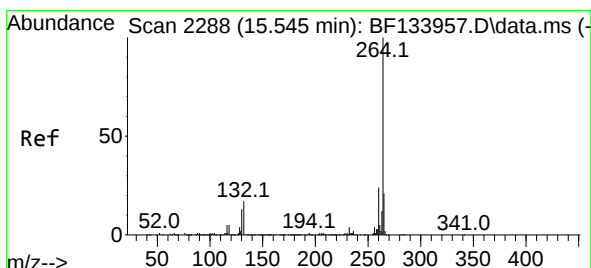
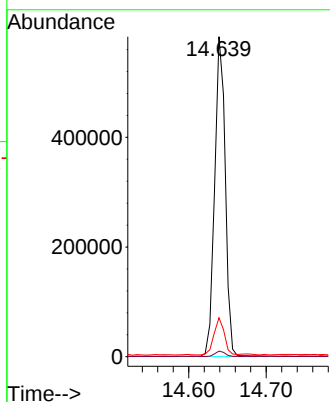
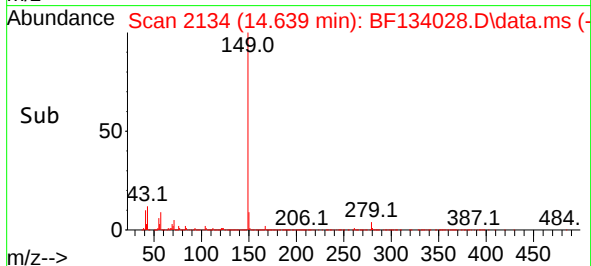
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



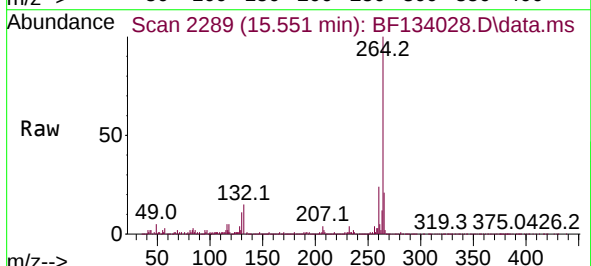
Tgt Ion:149 Resp: 554138
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 9.0 13.4

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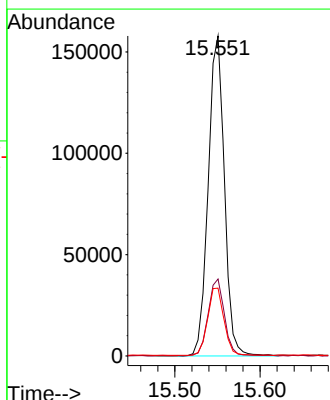
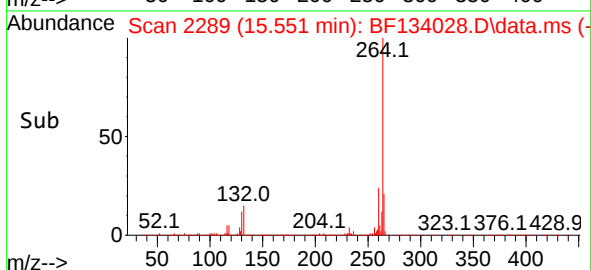
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

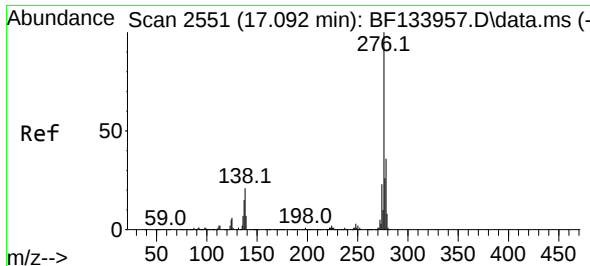


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18



Tgt Ion:264 Resp: 208680
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.2 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.826 ng
RT: 17.103 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

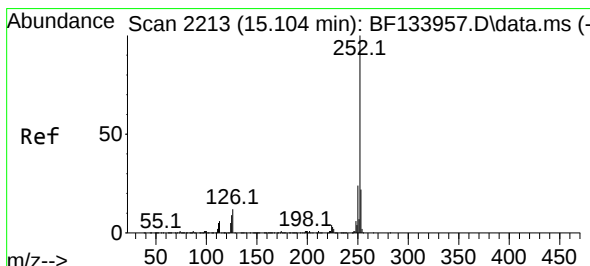
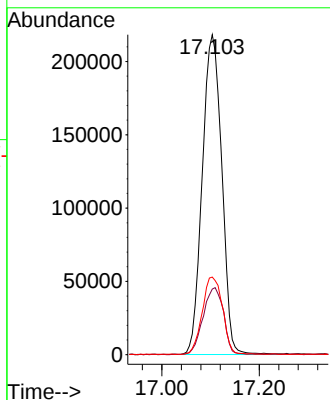
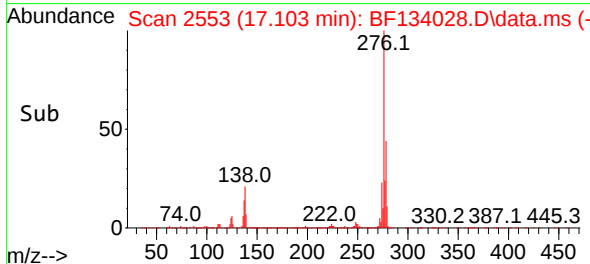
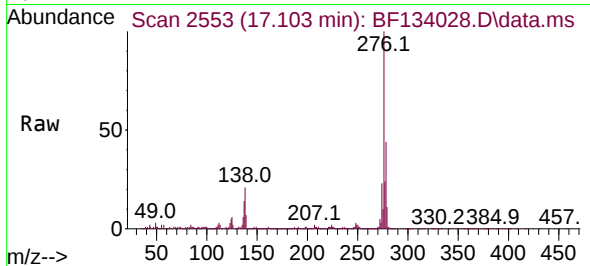
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 60565
Ion Ratio Lower Upper
276 100
138 21.7 18.7 28.1
277 25.0 19.9 29.9

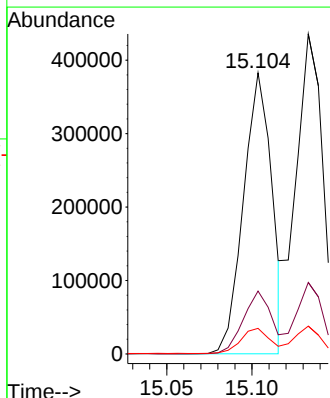
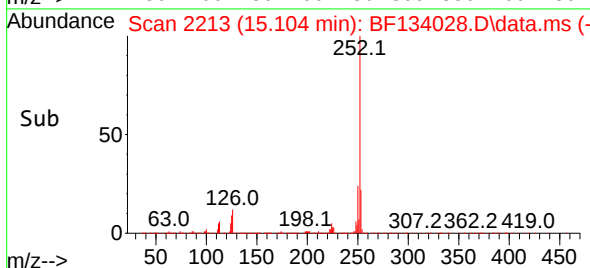
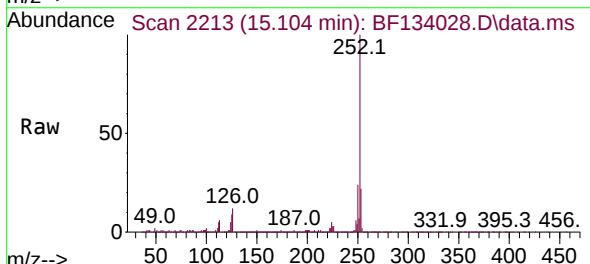
Manual Integrations
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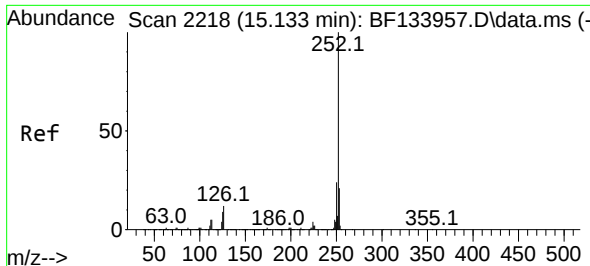
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 36.151 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:252 Resp: 443595
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.1 7.1 10.7





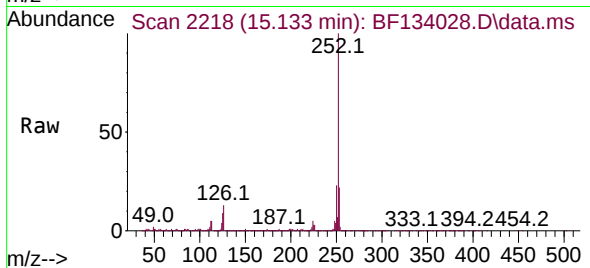
#89
Benzo(k)fluoranthene
Concen: 38.611 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



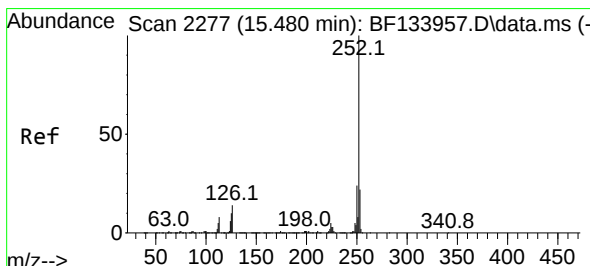
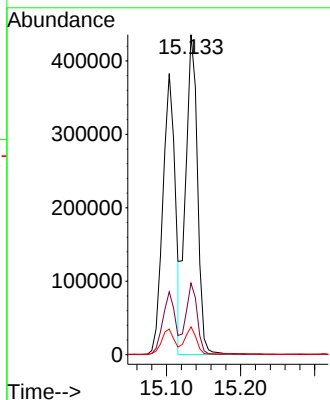
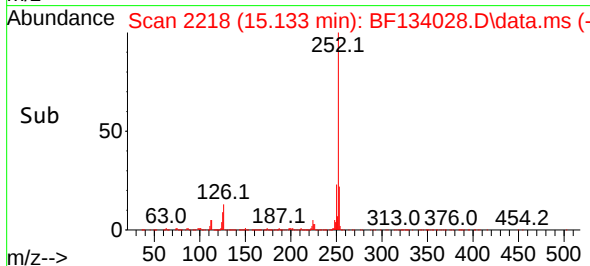
Tgt Ion:252 Resp: 482374
Ion Ratio Lower Upper
252 100
253 22.4 16.9 25.3
125 8.7 7.4 11.2

Manual Integrations

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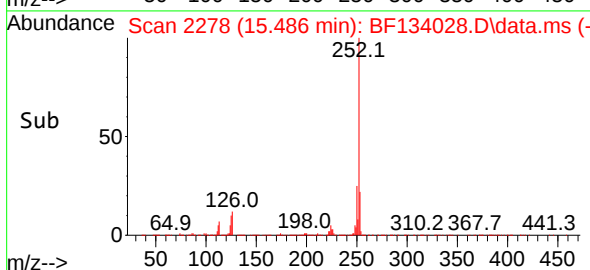
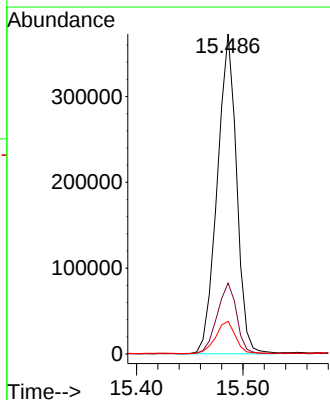
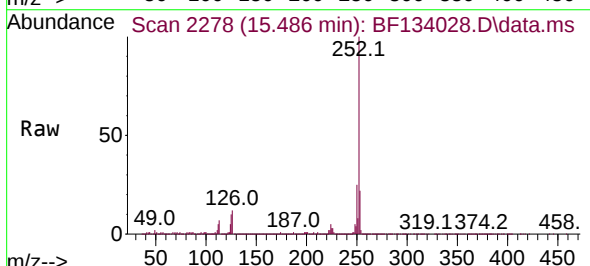
Reviewed By :Yogesh Patel 06/30/2023

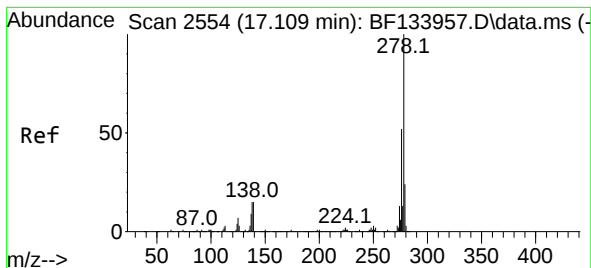
Supervised By :mohammad ahmed 06/30/2023



#90
Benzo(a)pyrene
Concen: 39.597 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134028.D
Acq: 29 Jun 2023 10:18

Tgt Ion:252 Resp: 469841
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 42.255 ng

RT: 17.121 min Scan# 2554

Delta R.T. 0.012 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Instrument :

BNA_F

ClientSampleId :

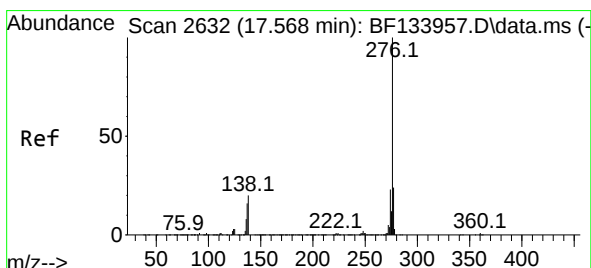
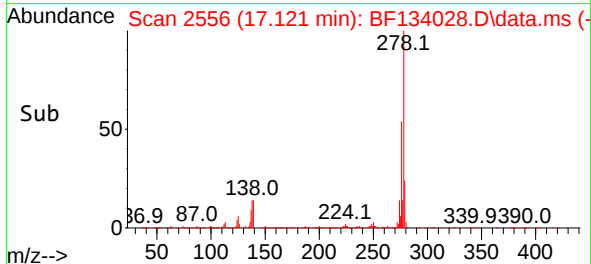
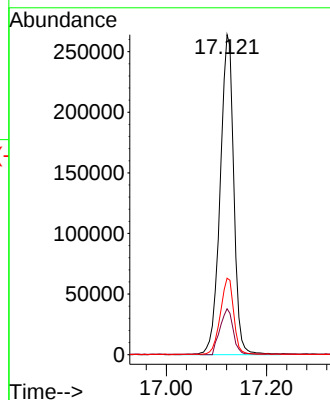
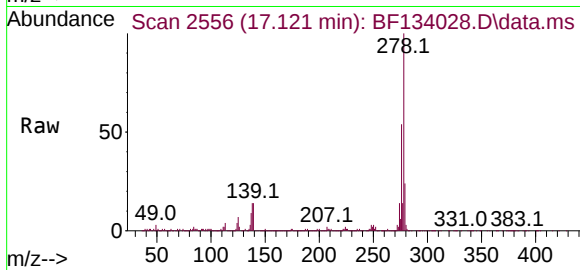
SSTDCCC040

Tgt Ion:278 Resp: 499777
 Ion Ratio Lower Upper
 278 100
 139 14.3 12.2 18.4
 279 23.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#92

Benzo(g,h,i)perylene

Concen: 40.935 ng

RT: 17.580 min Scan# 2634

Delta R.T. 0.012 min

Lab File: BF134028.D

Acq: 29 Jun 2023 10:18

Tgt Ion:276 Resp: 499280
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 18.1 16.2 24.2

