

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130662.D
 Acq On : 14 Oct 2022 12:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/17/2022
 Supervised By : mohammad ahmed 10/18/2022

Quant Time: Oct 17 02:18:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	80182	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	297979	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	159565	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	276517	20.000	ng	0.00
76) Chrysene-d12	13.727	240	169204	20.000	ng	0.00
86) Perylene-d12	15.098	264	128557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	357813	80.439	ng	0.00
7) Phenol-d6	6.234	99	442803	79.175	ng	0.00
23) Nitrobenzene-d5	7.157	82	430218	78.817	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	132647	84.957	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	860994	81.734	ng	0.00
79) Terphenyl-d14	12.680	244	849727	83.350	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.146	88	84916	31.553	ng	98
3) Pyridine	2.805	79	190125	39.495	ng	98
4) n-Nitrosodimethylamine	2.769	42	91802	40.475	ng	89
6) Aniline	6.251	93	261928	39.119	ng	# 83
8) 2-Chlorophenol	6.369	128	207806	39.725	ng	99
9) Benzaldehyde	6.134	77	126396	35.972	ng	99
10) Phenol	6.245	94	253809	39.222	ng	91
11) bis(2-Chloroethyl)ether	6.328	93	179797	38.250	ng	99
12) 1,3-Dichlorobenzene	6.522	146	228367	39.871	ng	99
13) 1,4-Dichlorobenzene	6.598	146	233470	40.180	ng	99
14) 1,2-Dichlorobenzene	6.751	146	217225	40.141	ng	99
15) Benzyl Alcohol	6.740	79	164399	40.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.869	45	223629	36.979	ng	92
17) 2-Methylphenol	6.857	107	166168	39.933	ng	98
18) Hexachloroethane	7.087	117	85999	39.122	ng	95
19) n-Nitroso-di-n-propyla...	7.010	70	138228	38.308	ng	100
20) 3+4-Methylphenols	7.010	107	217025	38.922	ng	94
22) Acetophenone	7.004	105	283342	39.639	ng	99
24) Nitrobenzene	7.175	77	217836	39.684	ng	99
25) Isophorone	7.416	82	353081	38.865	ng	99
26) 2-Nitrophenol	7.492	139	110962	41.220	ng	98
27) 2,4-Dimethylphenol	7.534	122	151773	40.452	ng	99
28) bis(2-Chloroethoxy)met...	7.628	93	206081	39.177	ng	99
29) 2,4-Dichlorophenol	7.734	162	176441	42.032	ng	98
30) 1,2,4-Trichlorobenzene	7.810	180	187795	41.497	ng	98
31) Naphthalene	7.887	128	617721	40.047	ng	100
32) Benzoic acid	7.692	122	88069	37.103	ng	99
33) 4-Chloroaniline	7.945	127	242059	40.511	ng	99
34) Hexachlorobutadiene	8.004	225	120583	42.930	ng	97
35) Caprolactam	8.334	113	51192m	40.532	ng	
36) 4-Chloro-3-methylphenol	8.439	107	184614	40.544	ng	95
37) 2-Methylnaphthalene	8.581	142	403809	41.601	ng	99
38) 1-Methylnaphthalene	8.675	142	393724	41.783	ng	99
40) 1,2,4,5-Tetrachloroben...	8.745	216	177490	40.998	ng	98
41) Hexachlorocyclopentadiene	8.728	237	51444	37.180	ng	98
43) 2,4,6-Trichlorophenol	8.863	196	120580	41.482	ng	99

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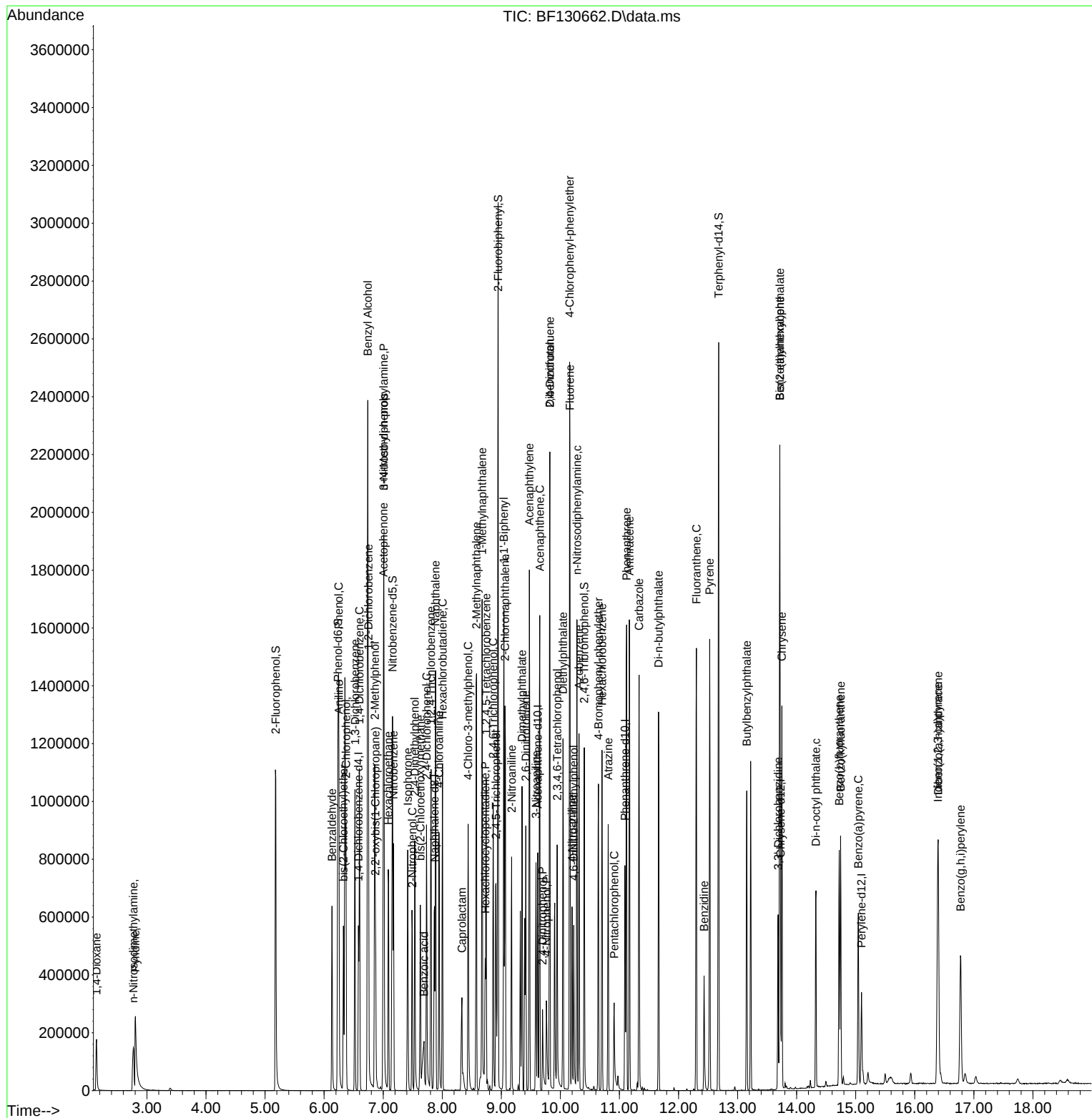
Quant Time: Oct 17 02:18:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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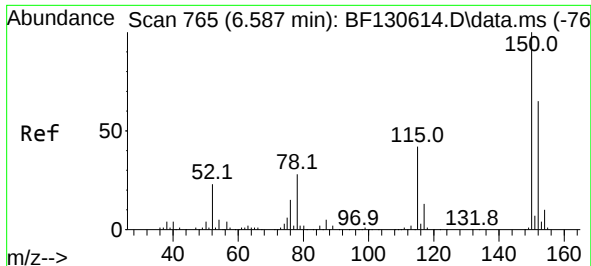
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	131558	41.155	ng	95
46) 1,1'-Biphenyl	9.045	154	469192	40.574	ng	100
47) 2-Chloronaphthalene	9.063	162	386610	40.906	ng	97
48) 2-Nitroaniline	9.175	65	115177	40.483	ng	99
49) Acenaphthylene	9.475	152	575930	40.670	ng	99
50) Dimethylphthalate	9.351	163	440700	39.898	ng	99
51) 2,6-Dinitrotoluene	9.416	165	97968	40.434	ng	99
52) Acenaphthene	9.651	154	350683	40.874	ng	99
53) 3-Nitroaniline	9.586	138	107172	40.352	ng	96
54) 2,4-Dinitrophenol	9.698	184	40195	35.505	ng	# 88
55) Dibenzofuran	9.822	168	527894	40.389	ng	98
56) 4-Nitrophenol	9.763	139	56022	38.256	ng	93
57) 2,4-Dinitrotoluene	9.822	165	129480	41.581	ng	90
58) Fluorene	10.163	166	433651	40.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	102905	40.379	ng	99
60) Diethylphthalate	10.045	149	429970	39.015	ng	99
61) 4-Chlorophenyl-phenyle...	10.157	204	196637	40.476	ng	98
62) 4-Nitroaniline	10.198	138	102187	40.299	ng	96
63) Azobenzene	10.316	77	395057	38.060	ng	98
65) 4,6-Dinitro-2-methylph...	10.228	198	72554	41.987	ng	89
66) n-Nitrosodiphenylamine	10.280	169	359341	39.067	ng	98
67) 4-Bromophenyl-phenylether	10.645	248	127684	40.810	ng	97
68) Hexachlorobenzene	10.704	284	147196	41.618	ng	97
69) Atrazine	10.810	200	104138	41.577	ng	99
70) Pentachlorophenol	10.910	266	47328	34.382	ng	97
71) Phenanthrene	11.122	178	605821	39.544	ng	99
72) Anthracene	11.169	178	589867	39.424	ng	100
73) Carbazole	11.333	167	530916	39.766	ng	99
74) Di-n-butylphthalate	11.663	149	639985	39.572	ng	100
75) Fluoranthene	12.304	202	610283	41.448	ng	99
77) Benzidine	12.433	184	145734	34.075	ng	99
78) Pyrene	12.527	202	605875	41.506	ng	100
80) Butylbenzylphthalate	13.157	149	225686	40.207	ng	100
81) Benzo(a)anthracene	13.716	228	459999	40.347	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	126188	38.301	ng	# 97
83) Chrysene	13.751	228	423981	39.222	ng	100
84) Bis(2-ethylhexyl)phtha...	13.716	149	261043	38.361	ng	99
85) Di-n-octyl phthalate	14.327	149	350389	33.621	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	412410	42.861	ng	98
88) Benzo(b)fluoranthene	14.721	252	334671	41.112	ng	98
89) Benzo(k)fluoranthene	14.745	252	324969	39.206	ng	99
90) Benzo(a)pyrene	15.045	252	270159	39.875	ng	99
91) Dibenzo(a,h)anthracene	16.398	278	338179	42.877	ng	99
92) Benzo(g,h,i)perylene	16.774	276	344902	46.951	ng	97

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

Manual Integrations APPROVED

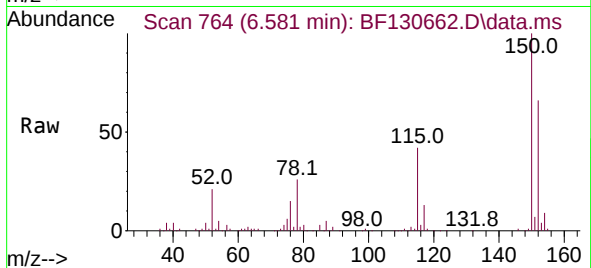
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

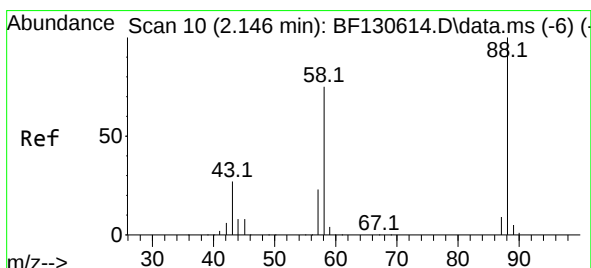
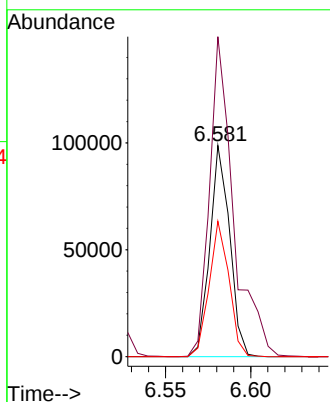
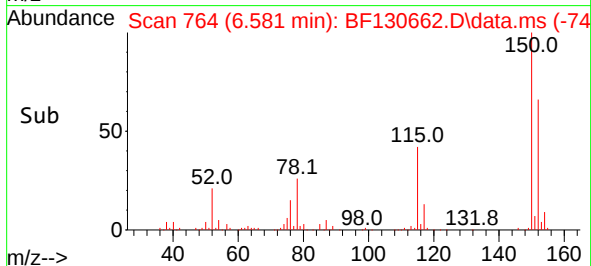
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 80182
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.6
115 64.1 52.2 78.4

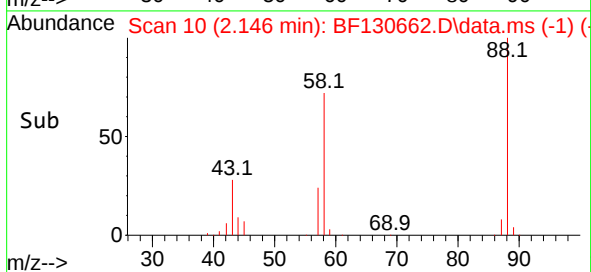
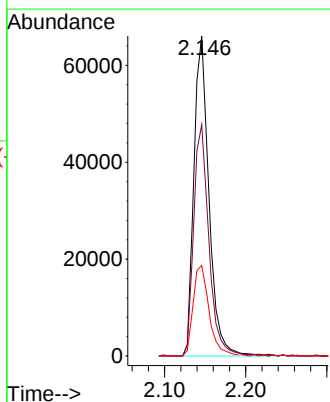
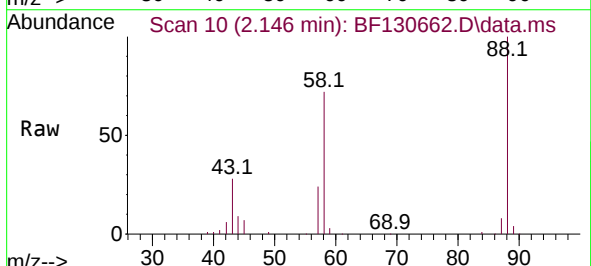
Manual Integrations
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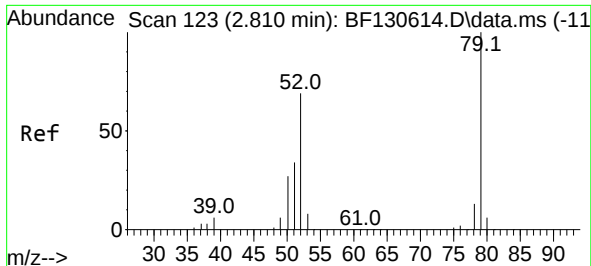
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#2
1,4-Dioxane
Concen: 31.553 ng
RT: 2.146 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Tgt Ion: 88 Resp: 84916
Ion Ratio Lower Upper
88 100
58 72.9 58.8 88.2
43 30.1 22.2 33.4





#3

Pyridine

Concen: 39.495 ng

RT: 2.805 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

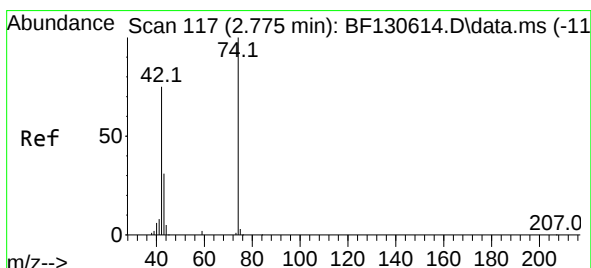
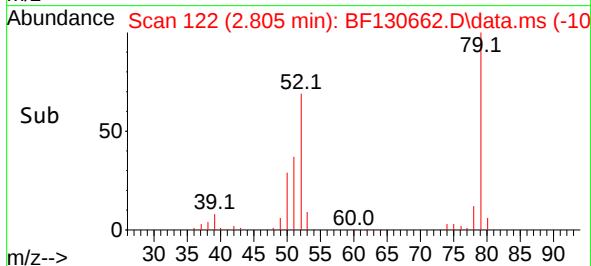
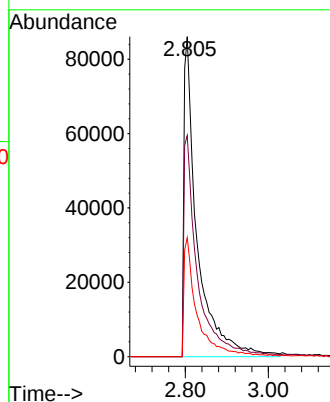
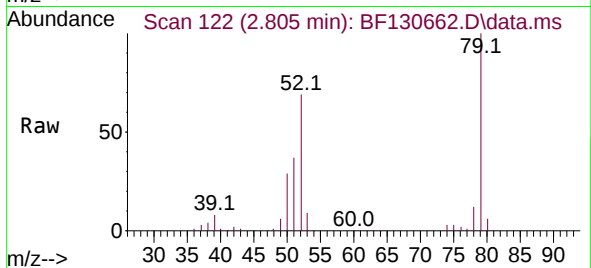
SSTDCCC040

Tgt Ion: 79 Resp: 190125
 Ion Ratio Lower Upper
 79 100
 52 69.1 54.8 82.2
 51 37.1 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.475 ng

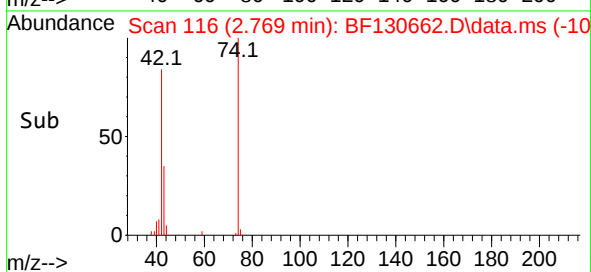
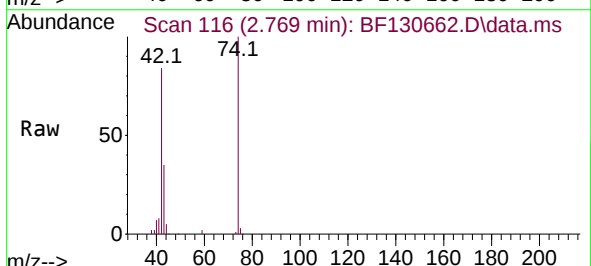
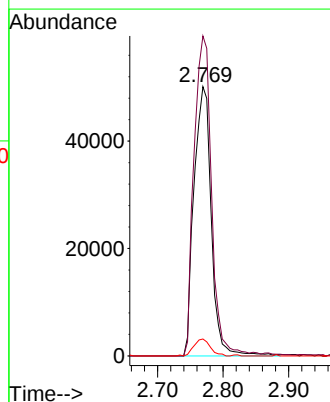
RT: 2.769 min Scan# 116

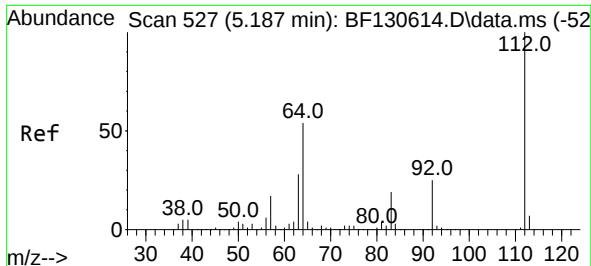
Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion: 42 Resp: 91802
 Ion Ratio Lower Upper
 42 100
 74 118.8 106.2 159.2
 44 6.3 5.0 7.4





#5
2-Fluorophenol
Concen: 80.439 ng
RT: 5.181 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

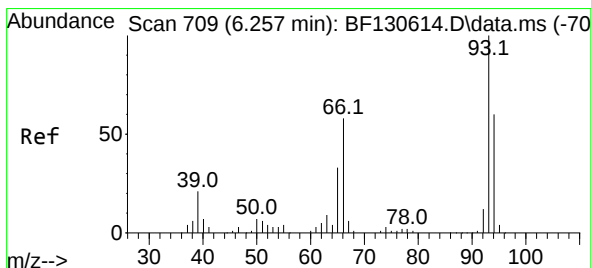
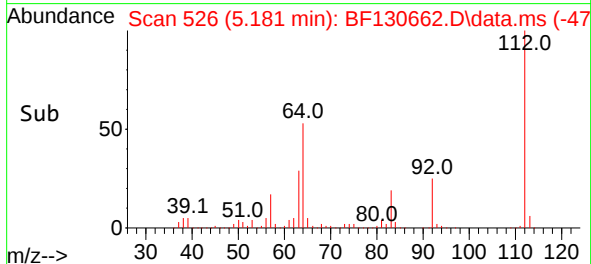
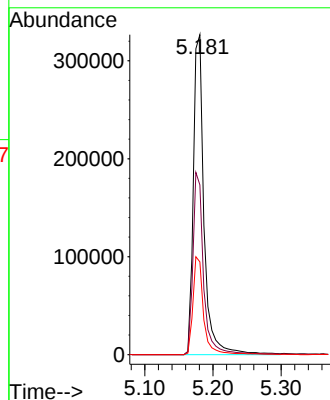
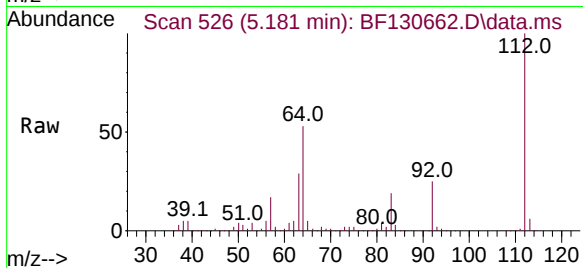
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 357813
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 29.0 22.6 34.0

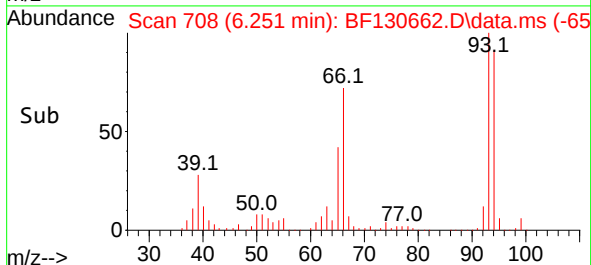
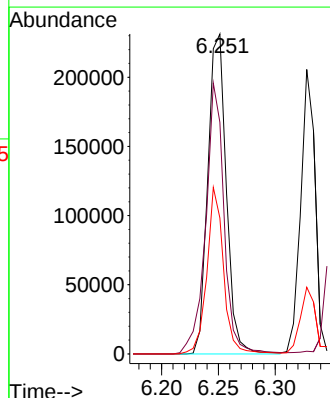
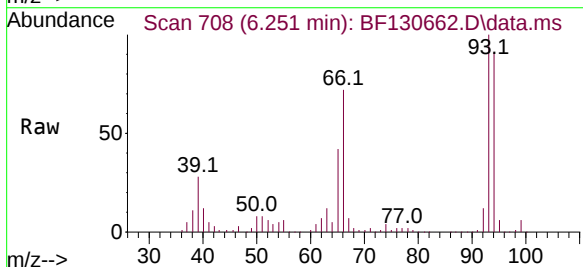
Manual Integrations
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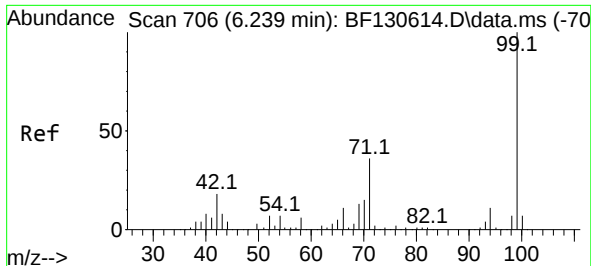
Reviewed By :Christian Giraldo 10/17/2022
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#6
Aniline
Concen: 39.119 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

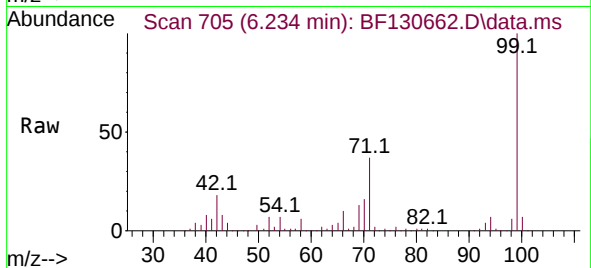
Tgt Ion: 93 Resp: 261928
Ion Ratio Lower Upper
93 100
66 72.4 47.4 71.0#
65 42.5 26.6 40.0#





#7
Phenol-d6
Concen: 79.175 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

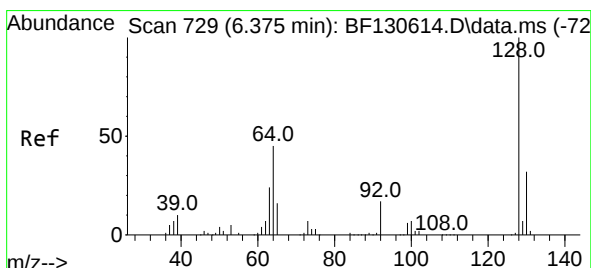
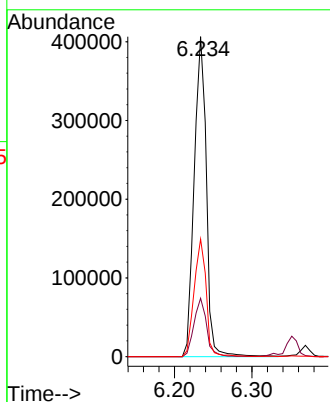
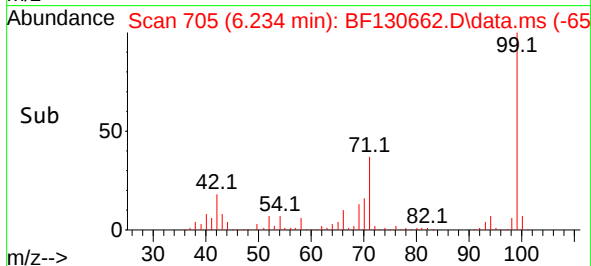
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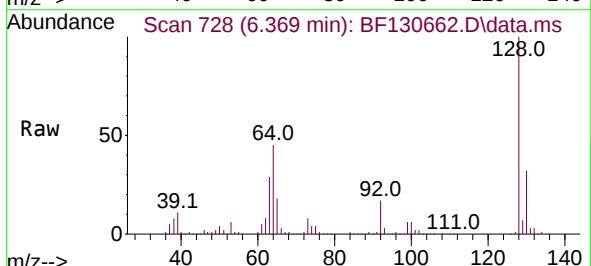
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Ion Ratio Lower Upper
99 100
42 18.2 14.0 21.0
71 36.7 28.8 43.2

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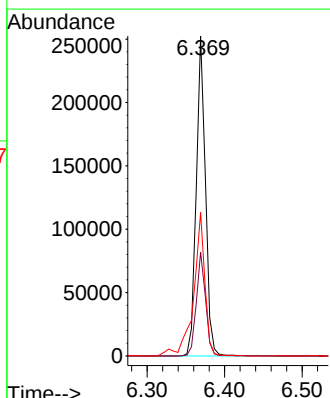
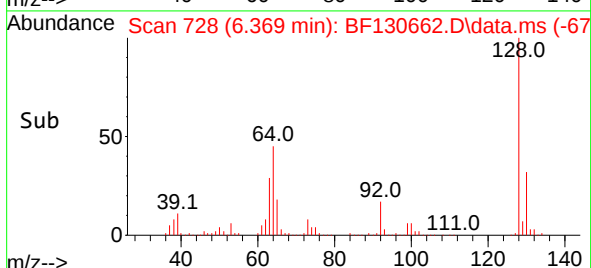
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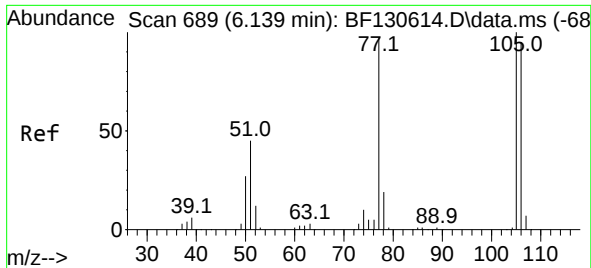


#8
2-Chlorophenol
Concen: 39.725 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:128 Resp: 207806
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 44.8 25.9 65.9





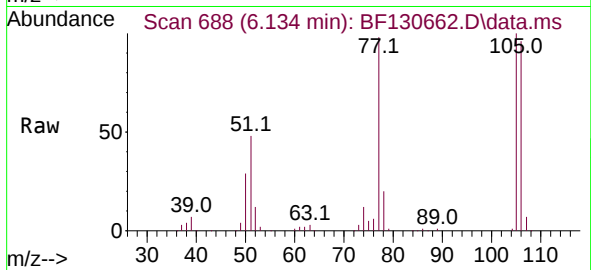
#9
Benzaldehyde
Concen: 35.972 ng
RT: 6.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

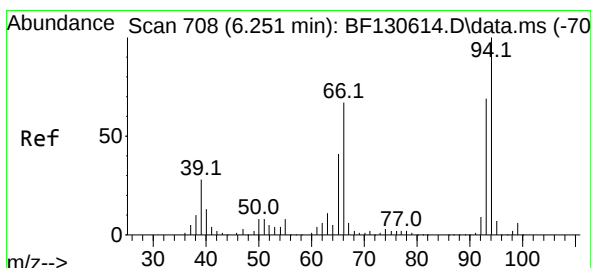
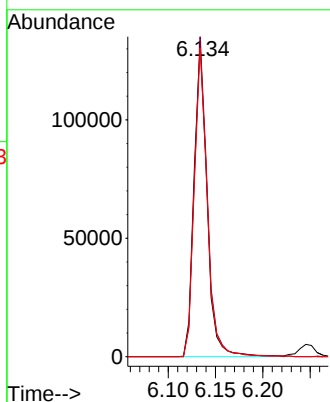
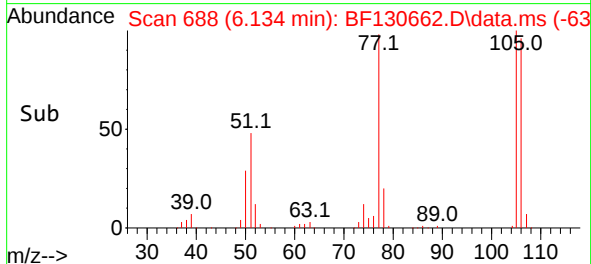
SSTDCCC040



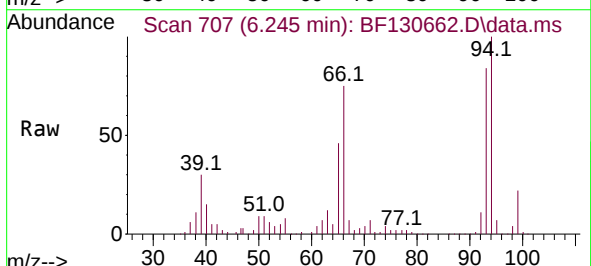
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Ion Ratio Lower Upper
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105 101.6 83.0 123.0
106 98.1 77.8 117.8

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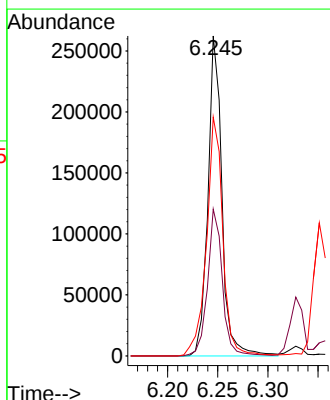
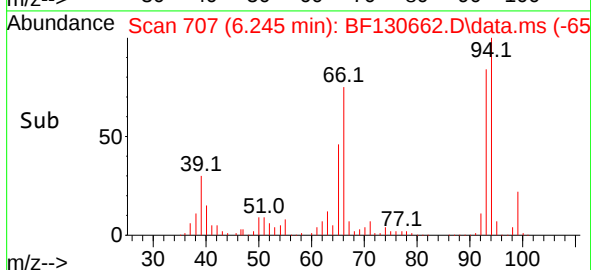
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

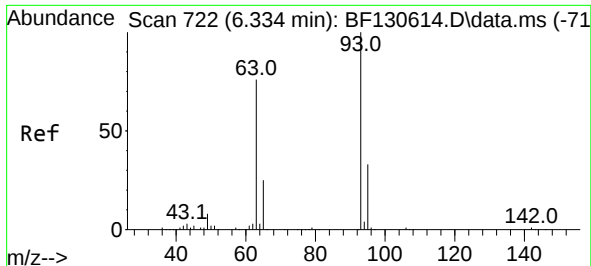


#10
Phenol
Concen: 39.222 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion: 94 Resp: 253809
Ion Ratio Lower Upper
94 100
65 45.9 21.2 61.2
66 74.6 46.9 86.9





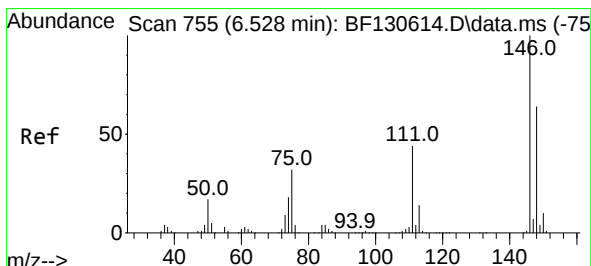
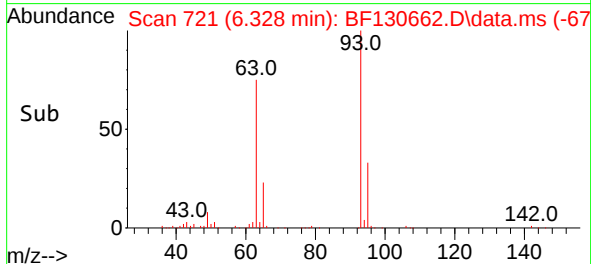
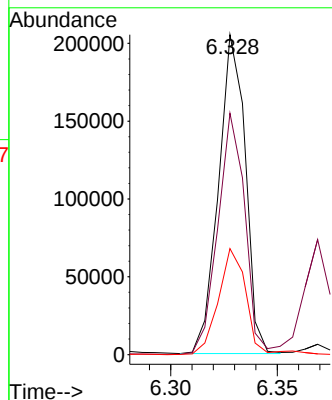
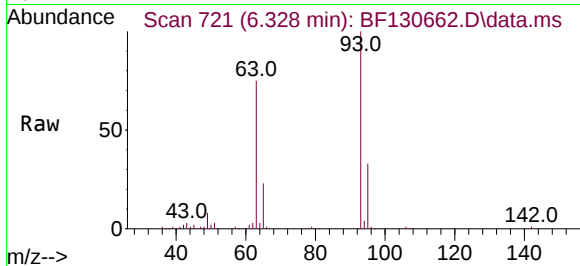
#11
bis(2-Chloroethyl)ether
Concen: 38.250 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 179797
Ion Ratio Lower Upper
93 100
63 75.4 56.1 96.1
95 33.1 12.4 52.4

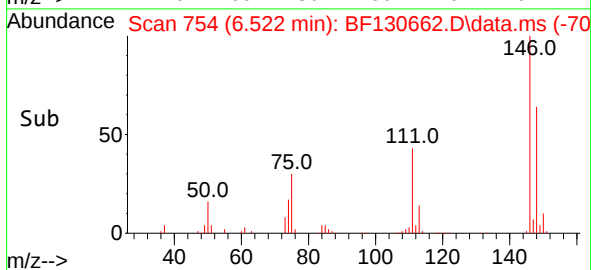
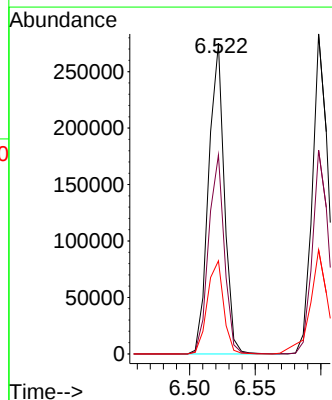
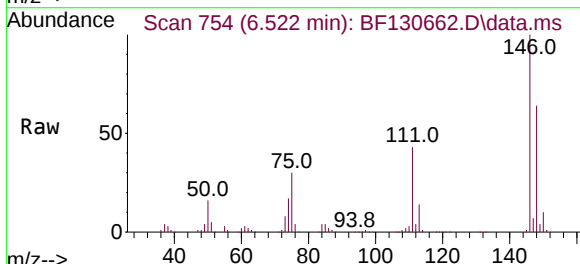
Manual Integrations
APPROVED

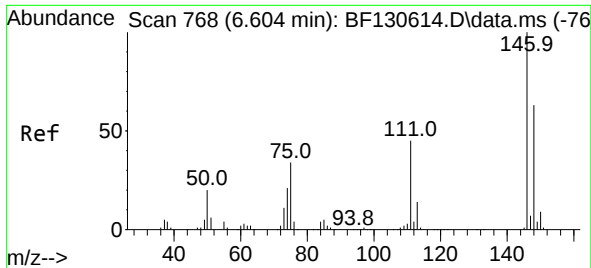
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 39.871 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

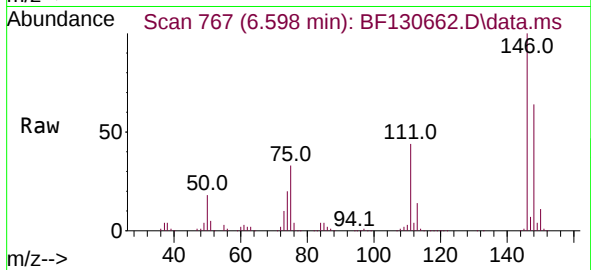
Tgt Ion:146 Resp: 228367
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 30.0 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 40.180 ng
RT: 6.598 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

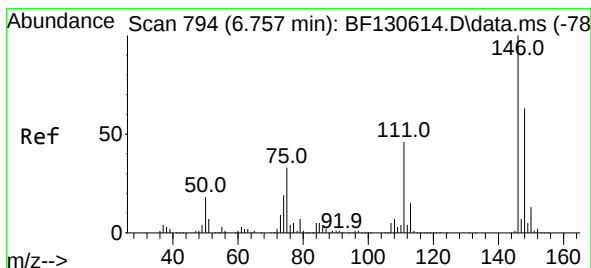
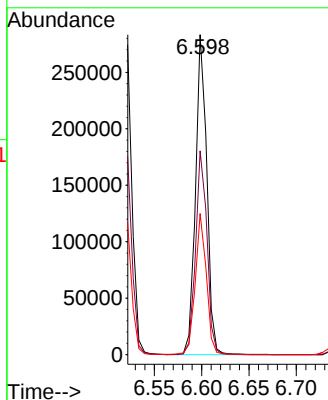
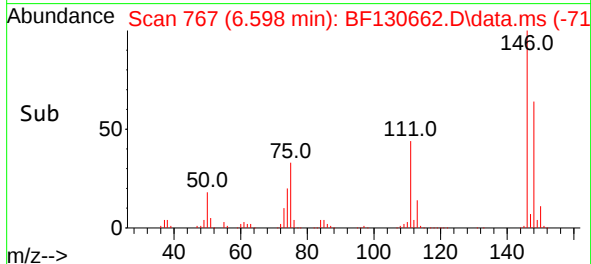
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



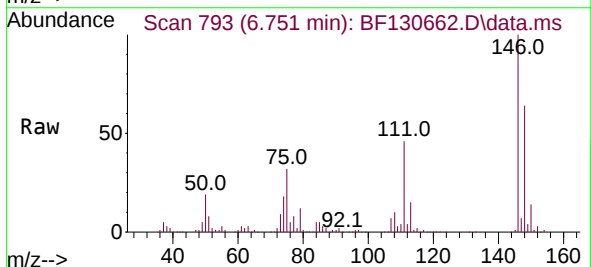
Tgt Ion:146 Resp: 233470
Ion Ratio Lower Upper
146 100
148 63.7 50.1 75.1
111 44.1 35.9 53.9

Manual Integrations
APPROVED

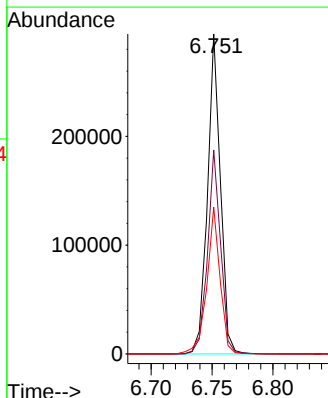
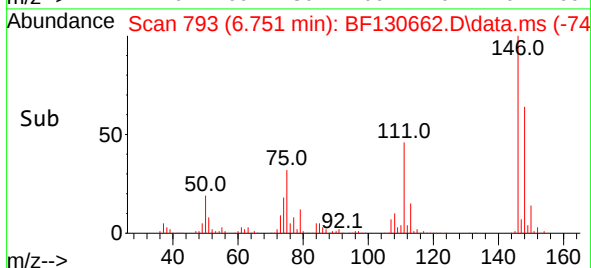
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

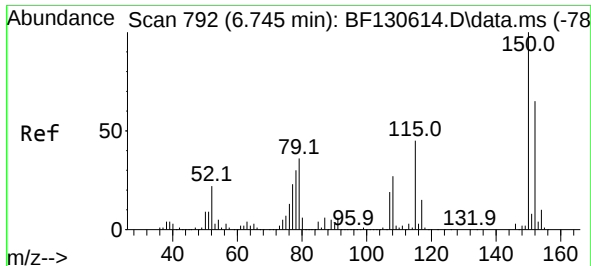


#14
1,2-Dichlorobenzene
Concen: 40.141 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



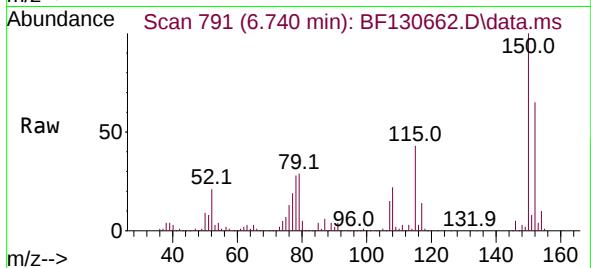
Tgt Ion:146 Resp: 217225
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 40.943 ng
RT: 6.740 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

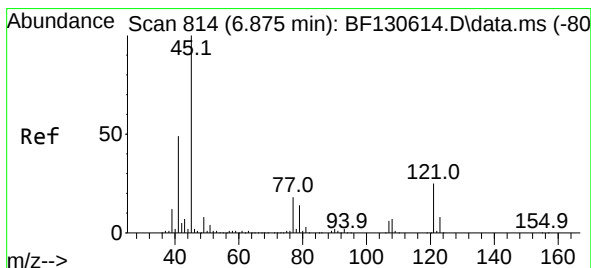
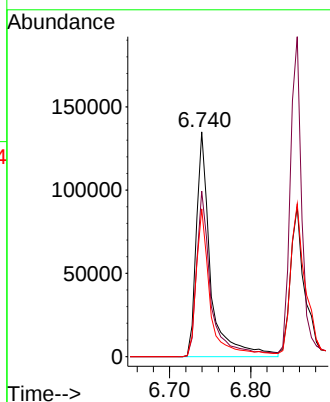
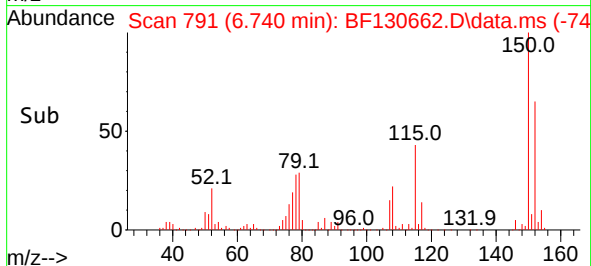
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



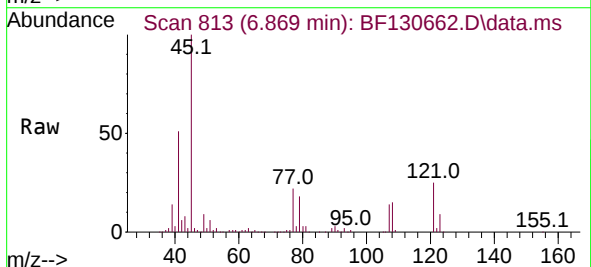
Tgt Ion: 79 Resp: 164399
Ion Ratio Lower Upper
79 100
108 73.7 59.7 89.5
77 65.7 51.8 77.6

Manual Integrations
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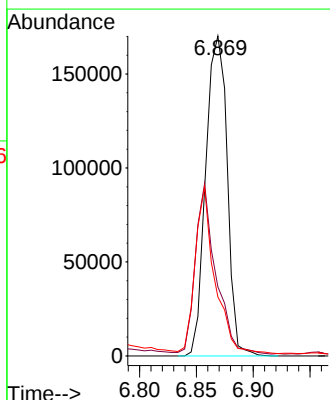
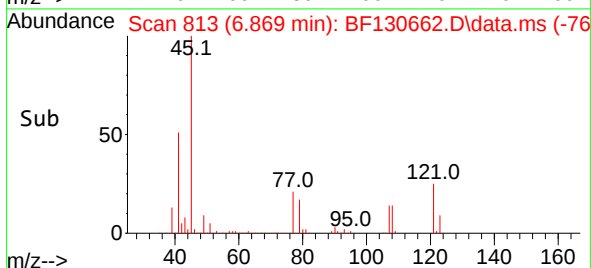
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

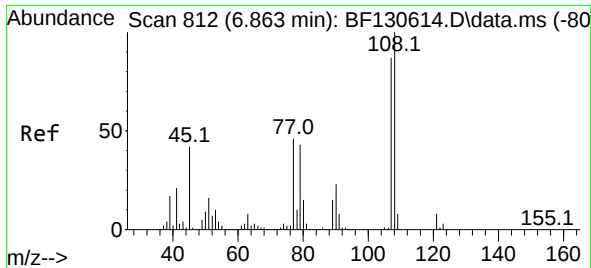


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.979 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion: 45 Resp: 223629
Ion Ratio Lower Upper
45 100
77 21.6 0.0 38.7
79 18.4 0.0 34.6





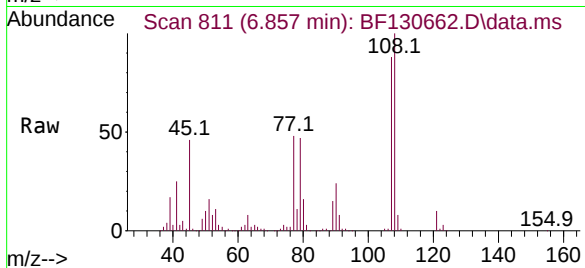
#17
2-Methylphenol
Concen: 39.933 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

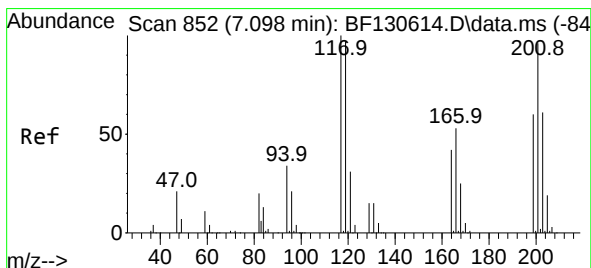
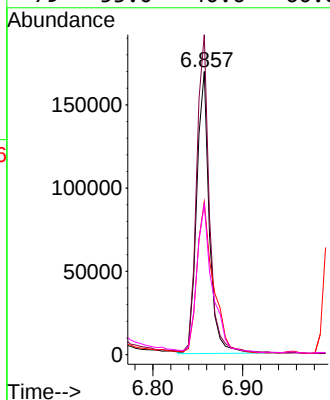
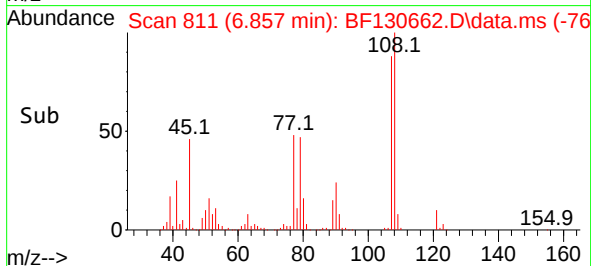


Tgt Ion:107 Resp: 166168
Ion Ratio Lower Upper
107 100
108 113.0 92.2 138.2
77 53.9 42.7 64.1
79 53.0 40.6 60.8

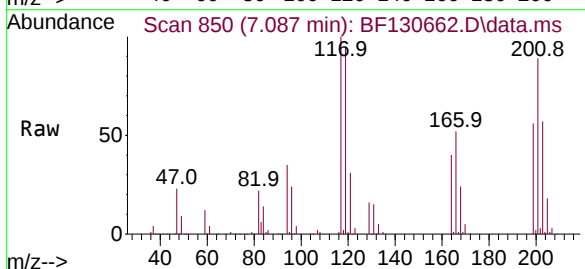
Manual Integrations

APPROVED

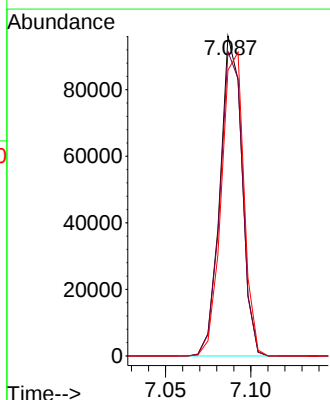
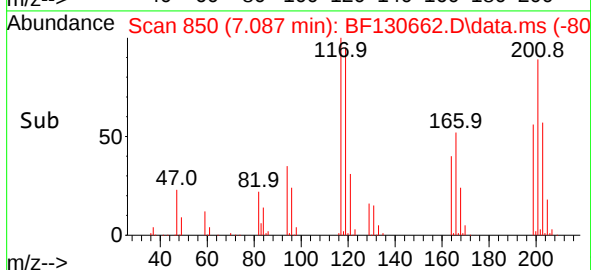
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

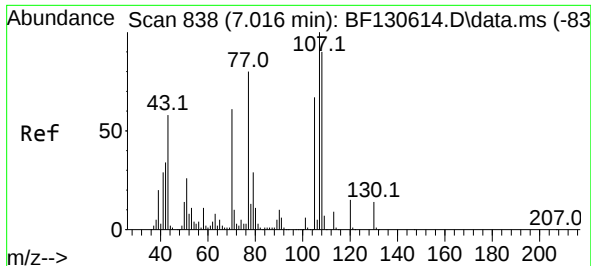


#18
Hexachloroethane
Concen: 39.122 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:117 Resp: 85999
Ion Ratio Lower Upper
117 100
119 95.1 77.6 116.4
201 89.3 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.308 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF130662.D

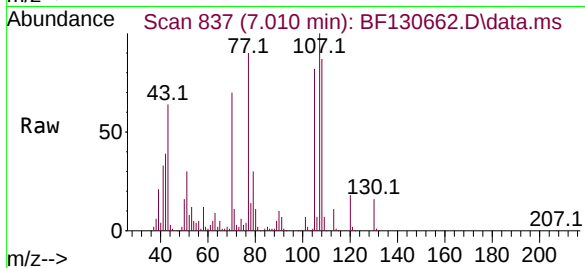
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 138228

Ion Ratio Lower Upper

70 100

42 55.4 44.3 66.5

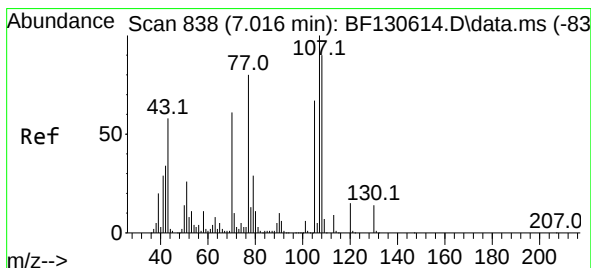
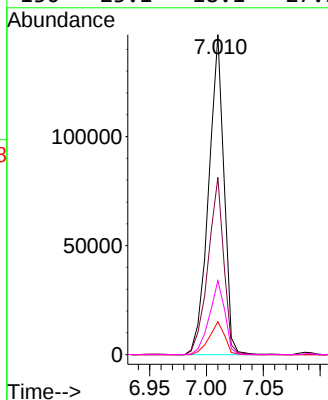
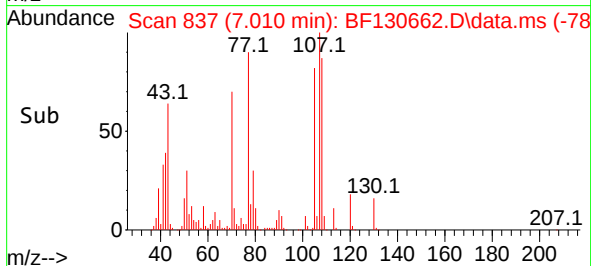
101 10.3 7.9 11.9

130 23.1 18.1 27.1

Manual Integrations

APPROVED

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#20

3+4-Methylphenols

Concen: 38.922 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion:107 Resp: 217025

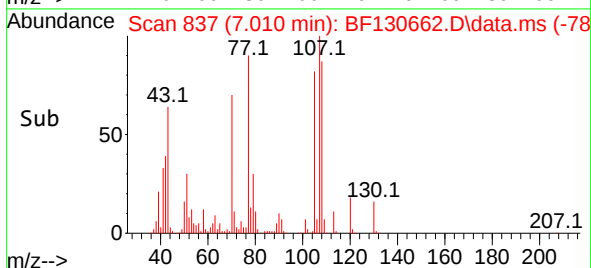
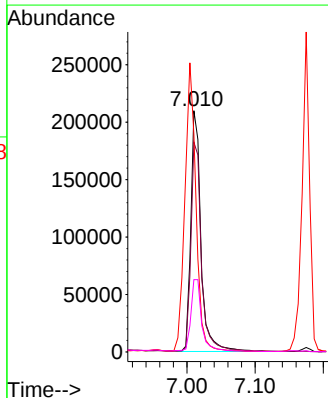
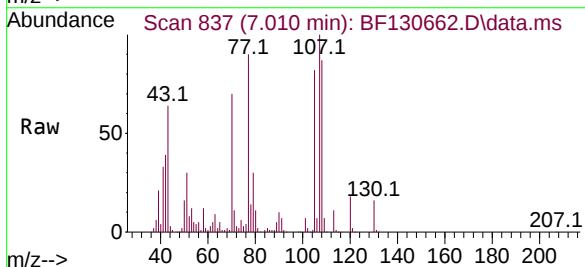
Ion Ratio Lower Upper

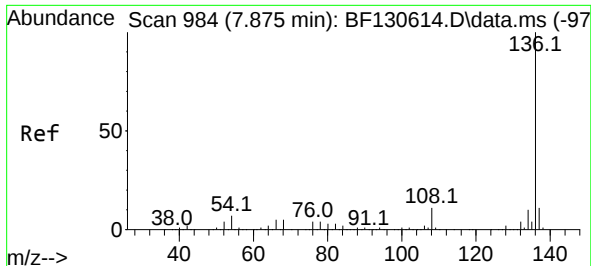
107 100

108 86.9 69.7 109.7

77 90.3 59.7 99.7

79 29.9 9.5 49.5





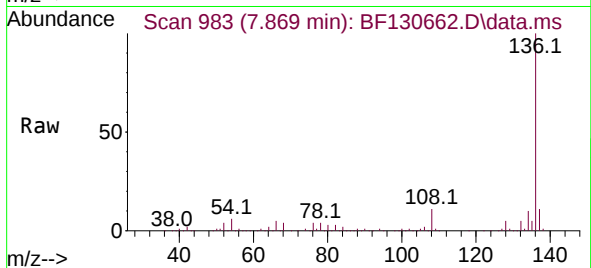
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

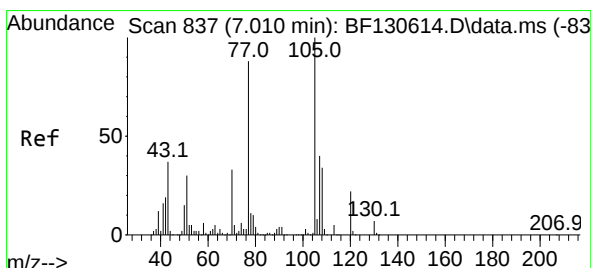
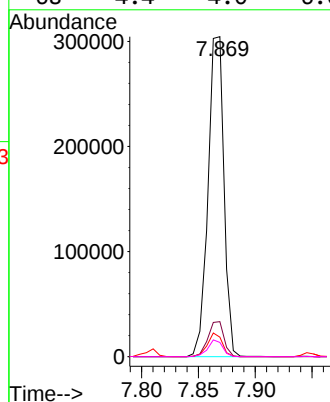
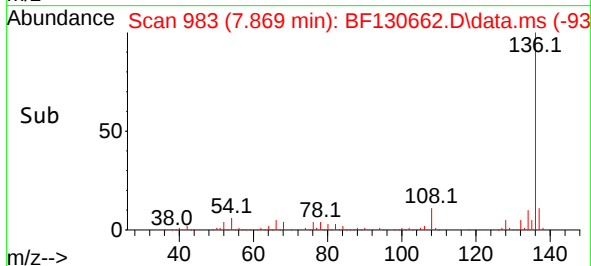


Tgt Ion:136 Resp: 297979
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.1 5.5 8.3
68 4.4 4.0 6.0

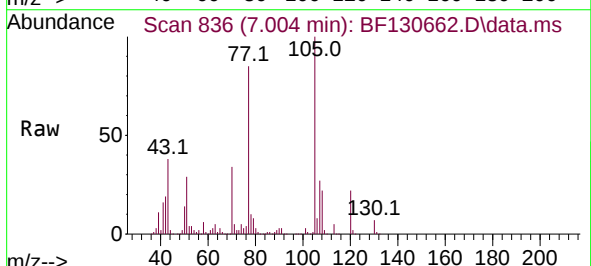
Manual Integrations

APPROVED

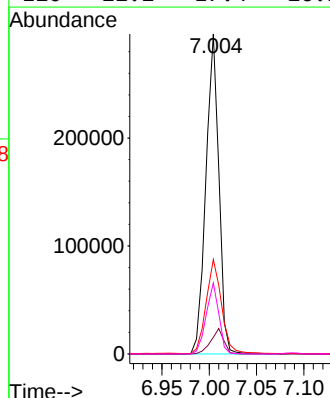
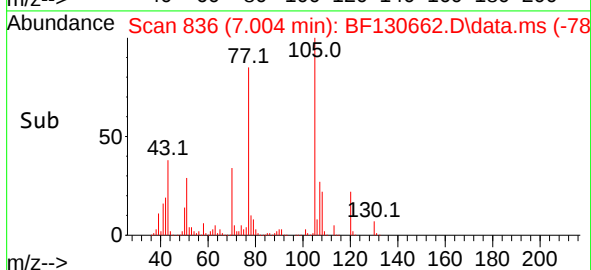
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

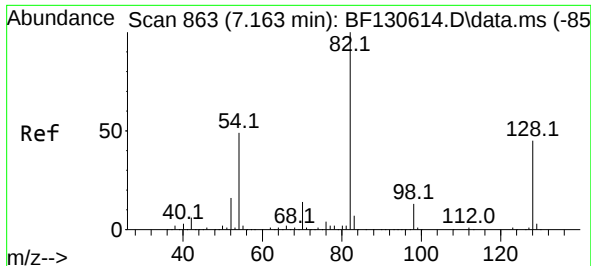


#22
Acetophenone
Concen: 39.639 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:105 Resp: 283342
Ion Ratio Lower Upper
105 100
71 5.2 4.2 6.4
51 29.5 24.3 36.5
120 22.2 17.4 26.2





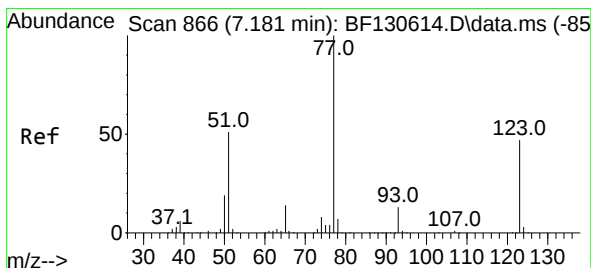
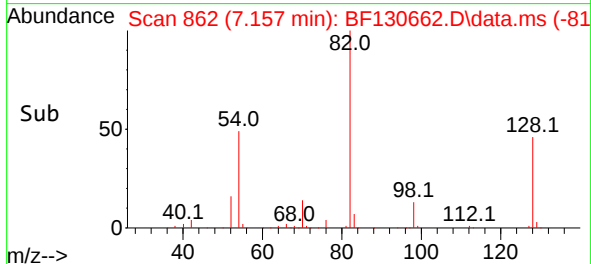
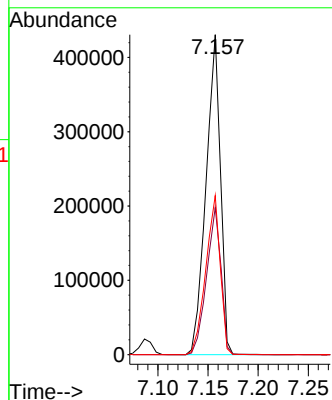
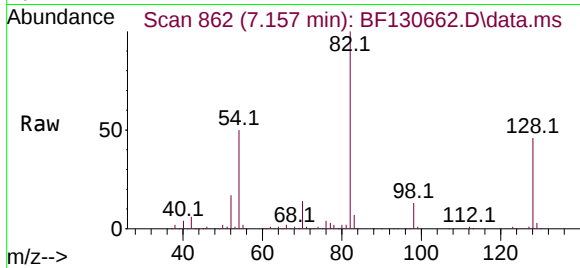
#23
Nitrobenzene-d5
Concen: 78.817 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 430218
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 49.7 39.3 58.9

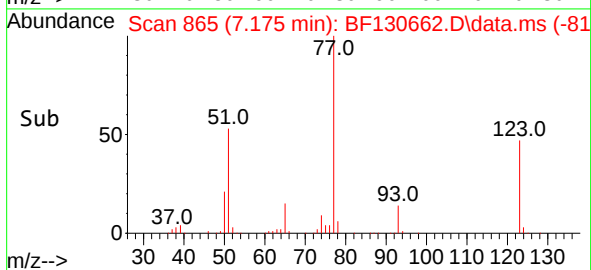
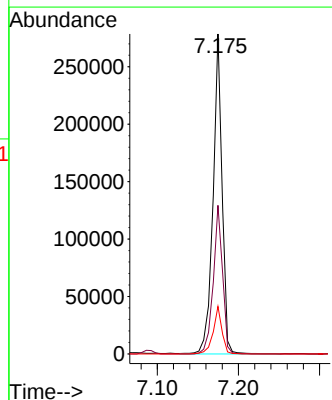
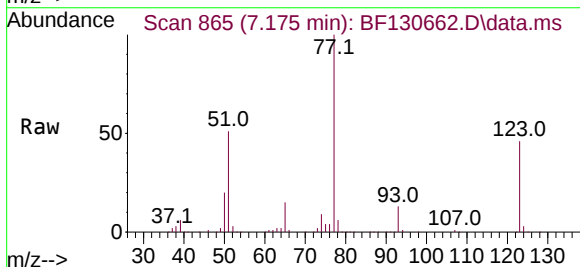
Manual Integrations
APPROVED

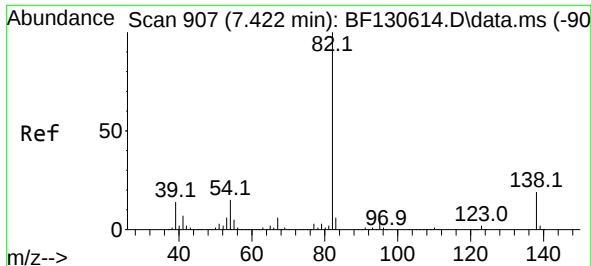
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#24
Nitrobenzene
Concen: 39.684 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Tgt Ion: 77 Resp: 217836
Ion Ratio Lower Upper
77 100
123 46.4 37.5 56.3
65 14.8 11.0 16.4





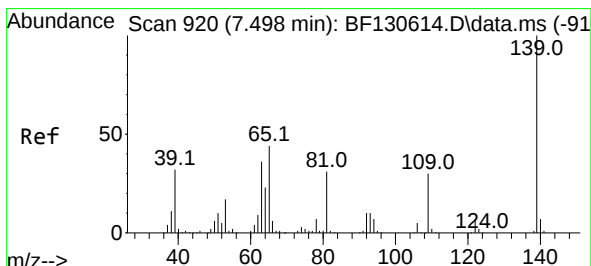
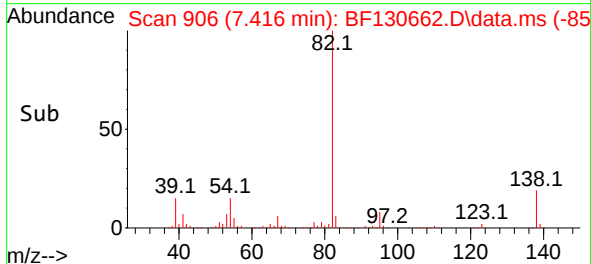
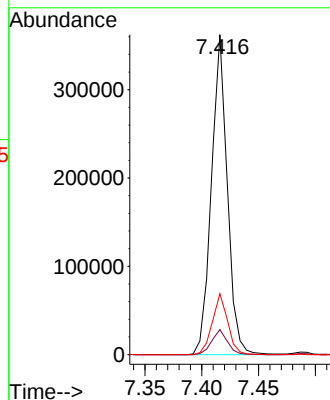
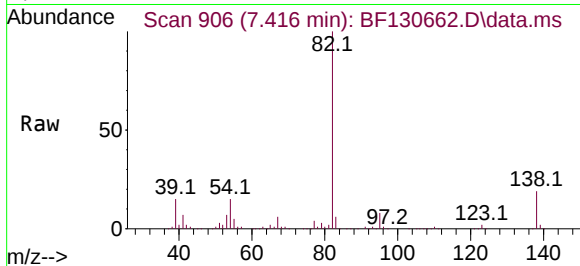
#25
Isophorone
Concen: 38.865 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :
BNA_F
Client Sample Id :
SSTDCCC040

Tgt Ion: 82 Resp: 353081
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.0 14.9 22.3

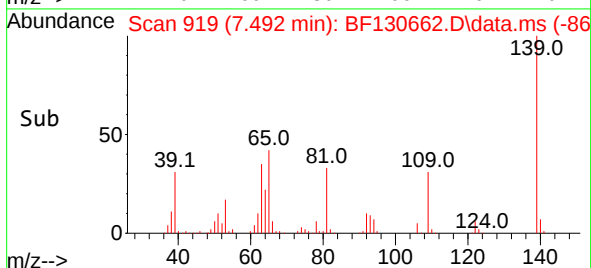
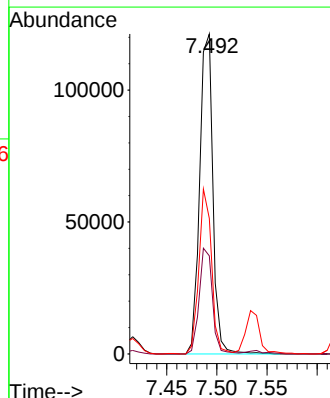
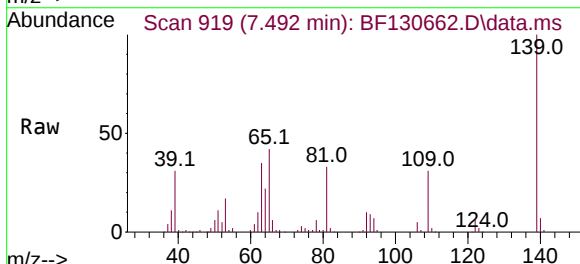
Manual Integrations
APPROVED

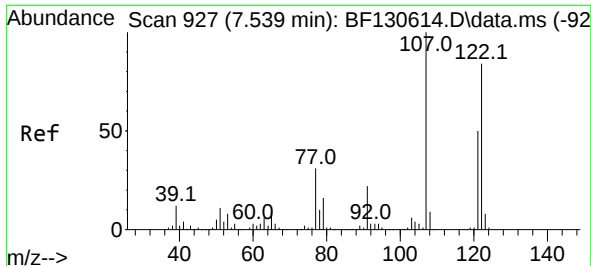
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#26
2-Nitrophenol
Concen: 41.220 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Tgt Ion:139 Resp: 110962
Ion Ratio Lower Upper
139 100
109 30.6 23.9 35.9
65 42.3 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 40.452 ng

RT: 7.534 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

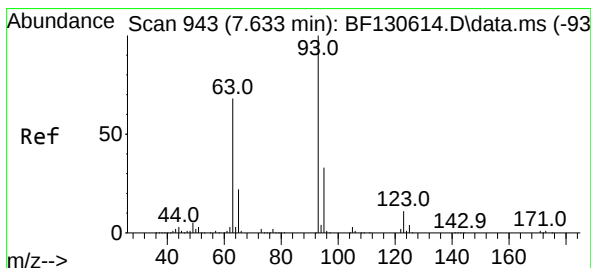
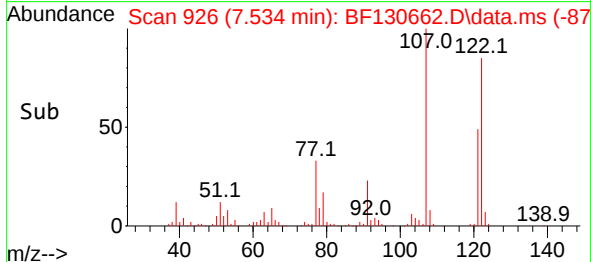
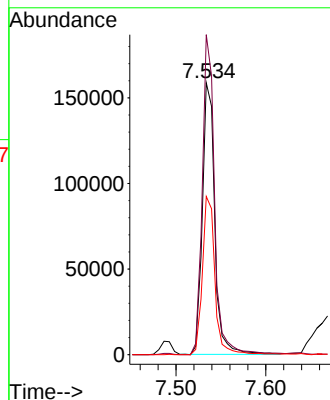
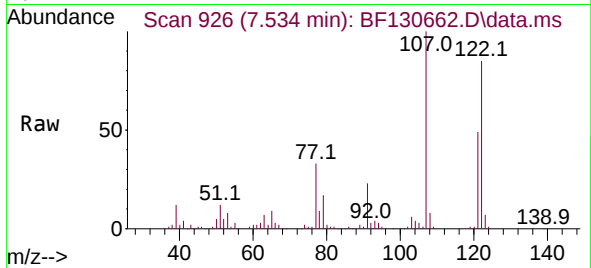
SSTDCCC040

Tgt Ion:	122	Resp:	151773
Ion Ratio	Lower	Upper	
122	100		
107	117.8	94.9	142.3
121	58.2	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.177 ng

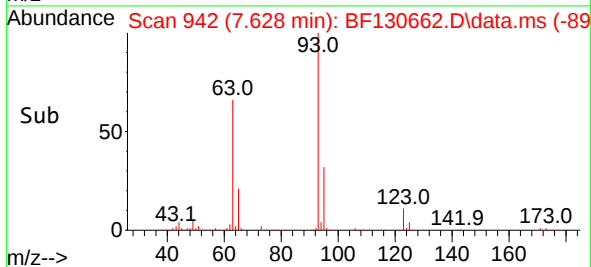
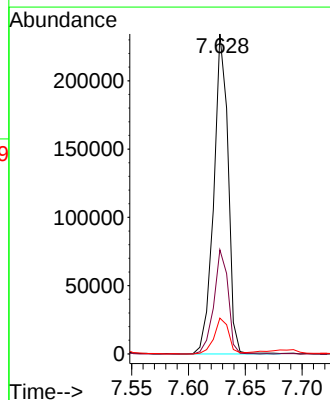
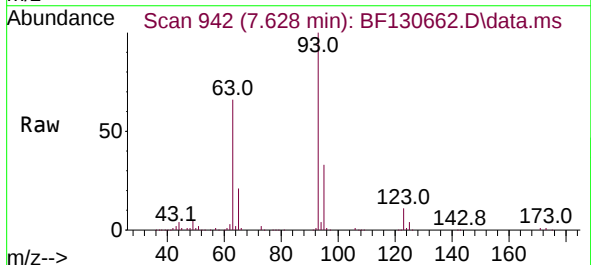
RT: 7.628 min Scan# 942

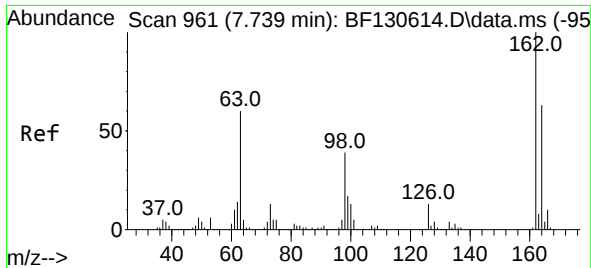
Delta R.T. -0.005 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion:	93	Resp:	206081
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	11.2	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 42.032 ng

RT: 7.734 min Scan# 961

Delta R.T. -0.005 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

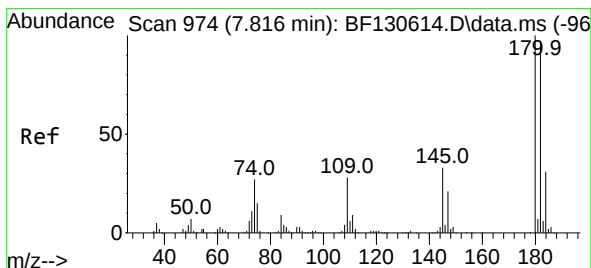
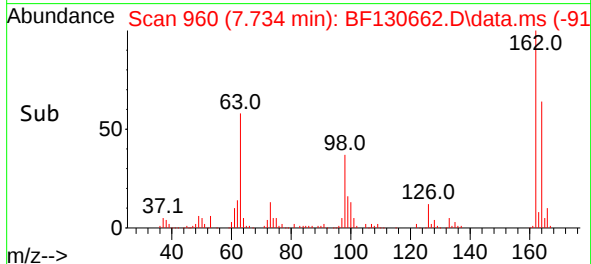
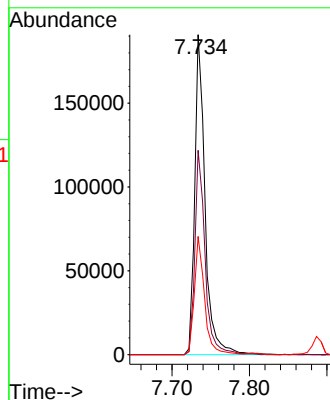
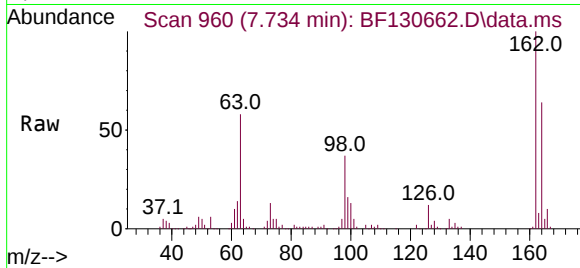
SSTDCCC040

Tgt Ion:162 Resp: 176441
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.8 82.8
 98 37.0 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.497 ng

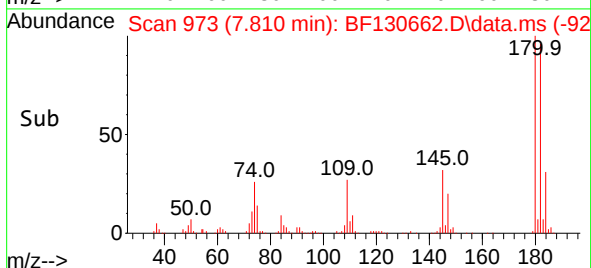
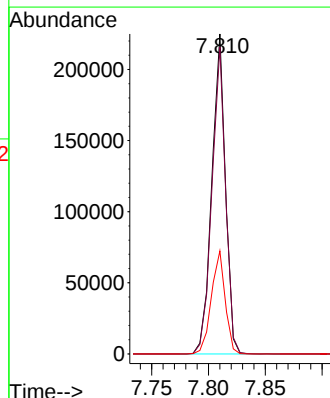
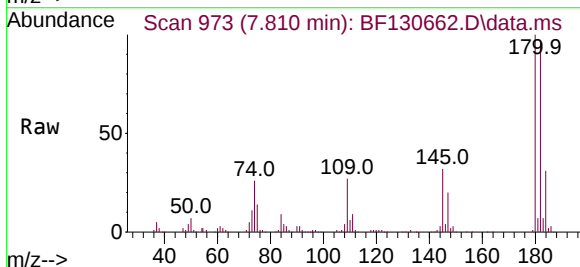
RT: 7.810 min Scan# 973

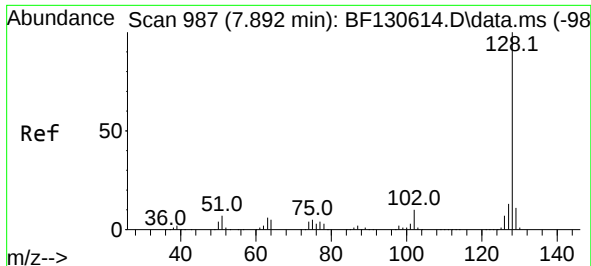
Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

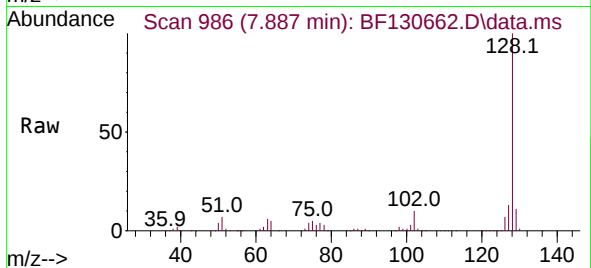
Tgt Ion:180 Resp: 187795
 Ion Ratio Lower Upper
 180 100
 182 95.9 78.0 117.0
 145 32.2 26.7 40.1





#31
Naphthalene
Concen: 40.047 ng
RT: 7.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

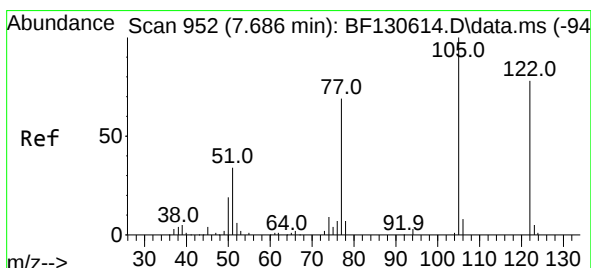
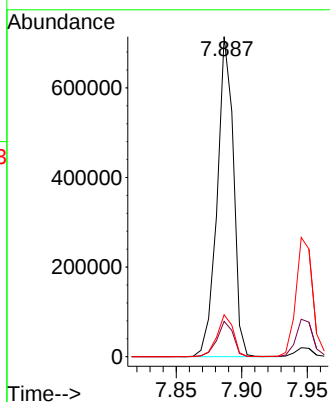
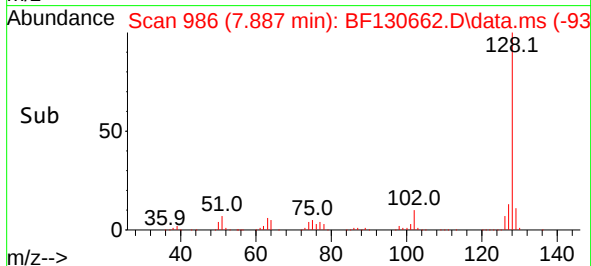
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 61772
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.3 15.5

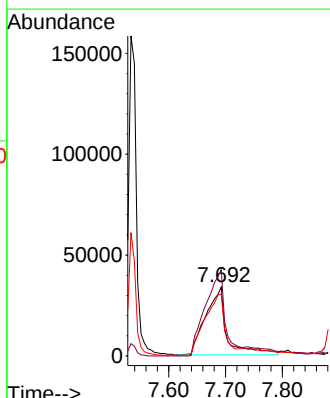
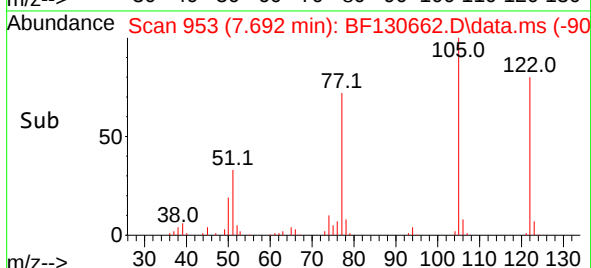
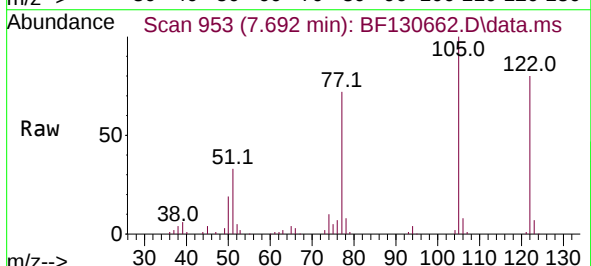
Manual Integrations
APPROVED

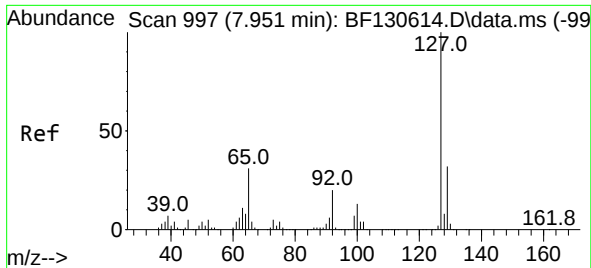
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#32
Benzoic acid
Concen: 37.103 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Tgt Ion:122 Resp: 88069
Ion Ratio Lower Upper
122 100
105 125.3 104.8 144.8
77 90.2 68.2 108.2





#33
4-Chloroaniline
Concen: 40.511 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

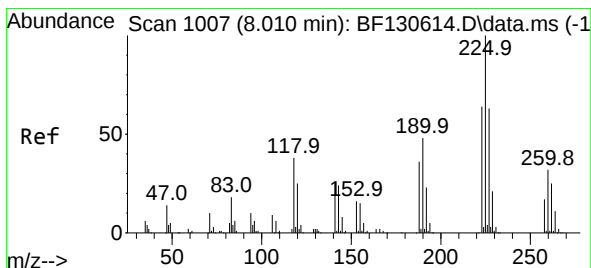
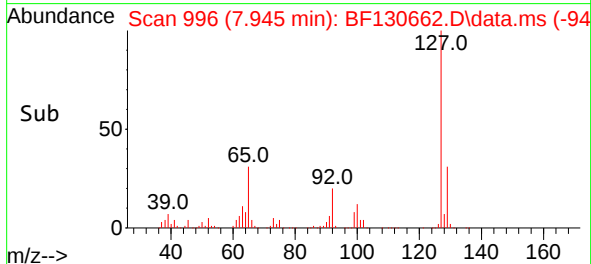
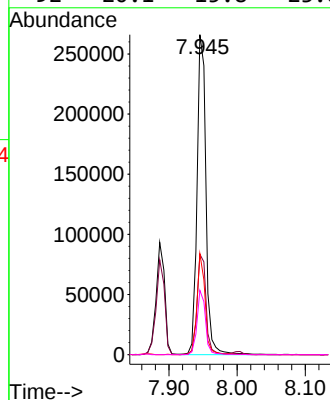
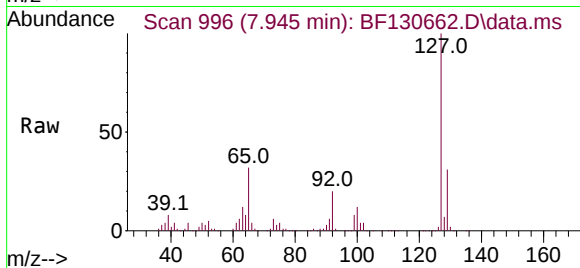
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 242059
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 31.5 24.7 37.1
92 20.1 15.8 23.8

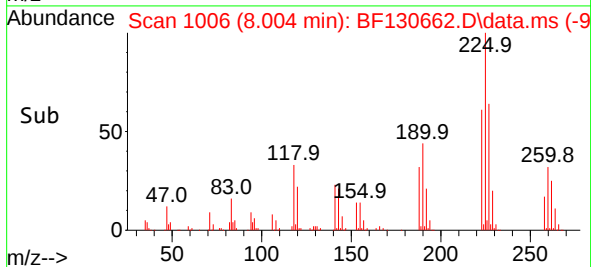
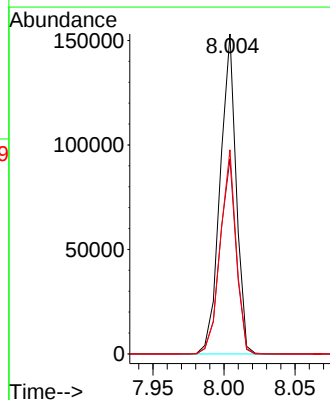
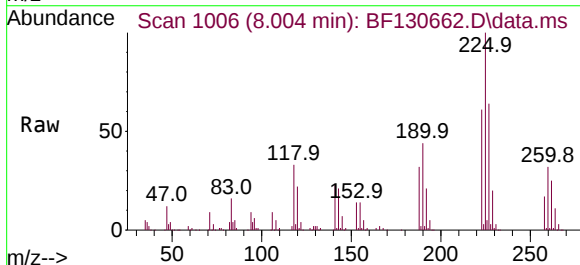
Manual Integrations
APPROVED

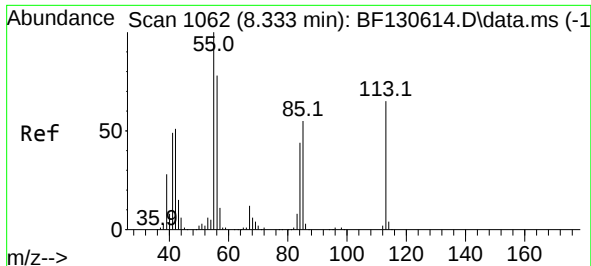
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#34
Hexachlorobutadiene
Concen: 42.930 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

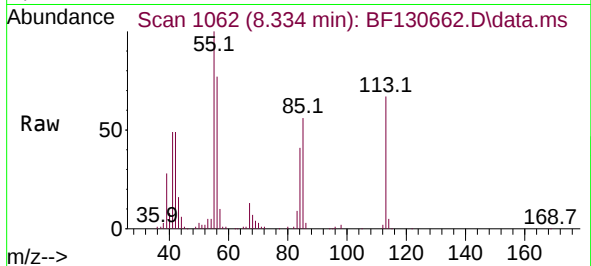
Tgt Ion:225 Resp: 120583
Ion Ratio Lower Upper
225 100
223 60.9 51.5 77.3
227 63.8 50.4 75.6





#35
Caprolactam
Concen: 40.532 ng m
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

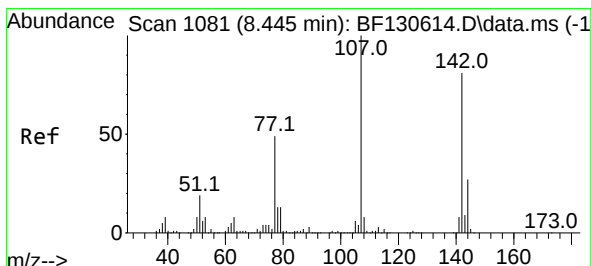
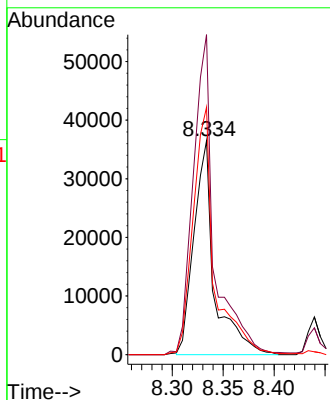
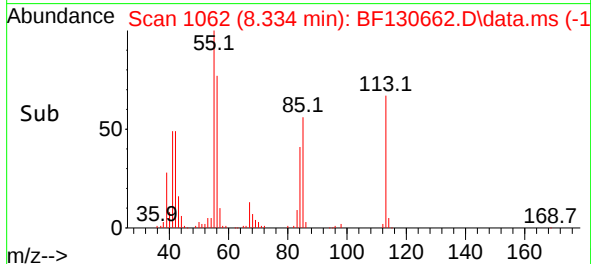
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 51192
Ion Ratio Lower Upper
113 100
55 149.6 134.3 174.3
56 115.6 101.0 141.0

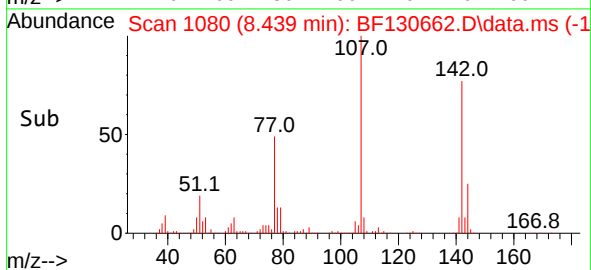
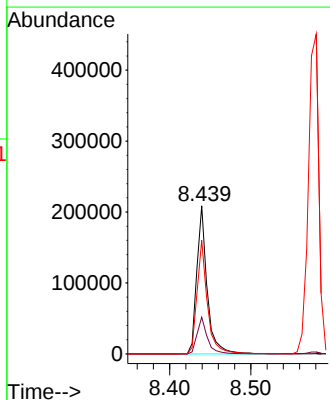
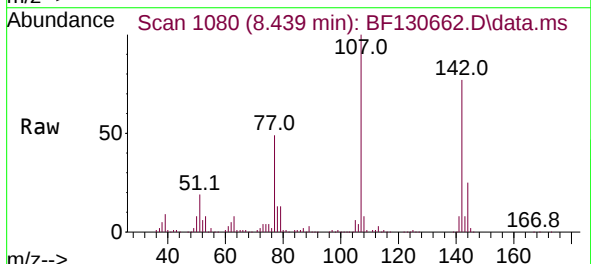
Manual Integrations
APPROVED

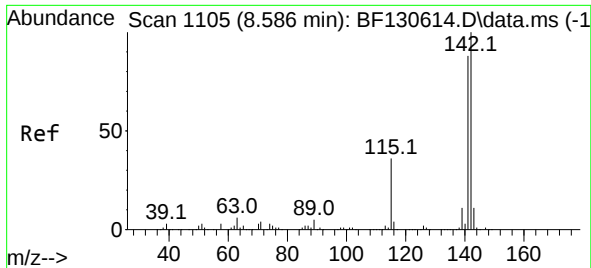
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#36
4-Chloro-3-methylphenol
Concen: 40.544 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

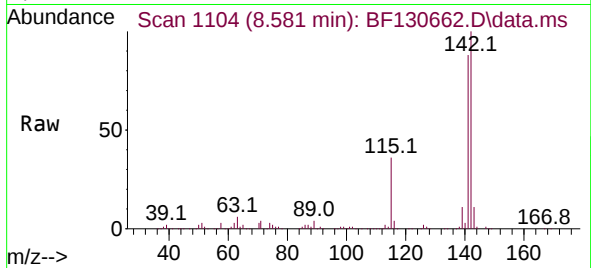
Tgt Ion:107 Resp: 184614
Ion Ratio Lower Upper
107 100
144 24.8 21.9 32.9
142 76.7 64.6 96.8





#37
2-Methylnaphthalene
Concen: 41.601 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

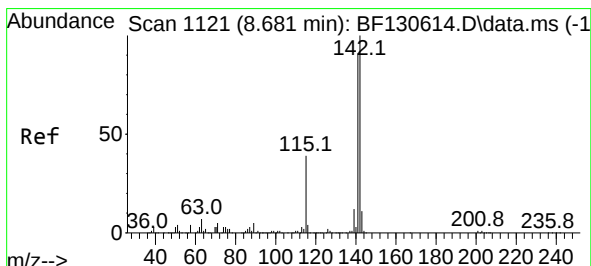
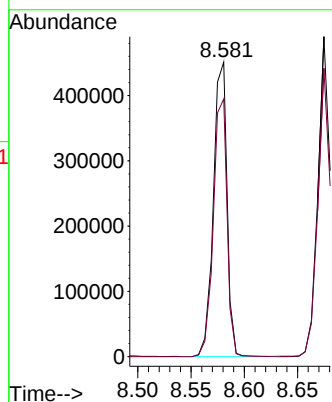
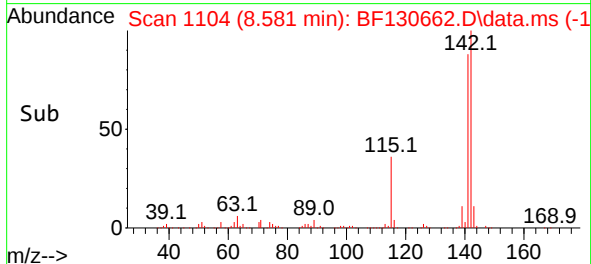
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 403809
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1

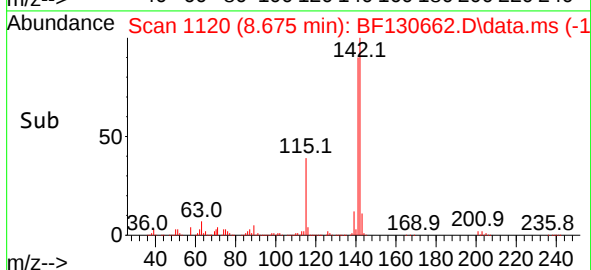
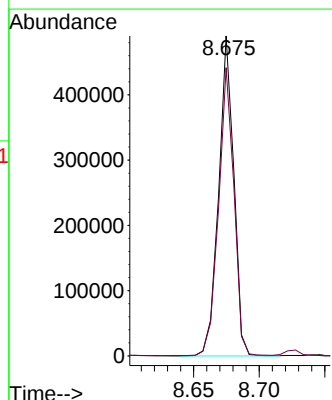
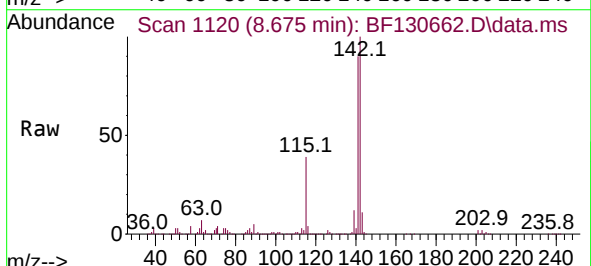
Manual Integrations
APPROVED

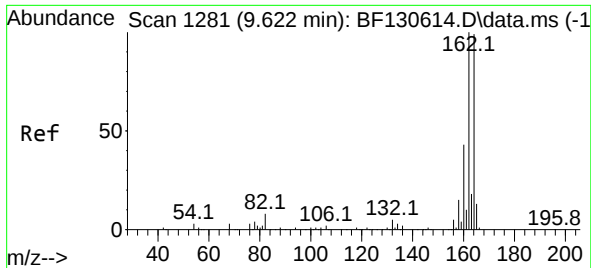
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#38
1-Methylnaphthalene
Concen: 41.783 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

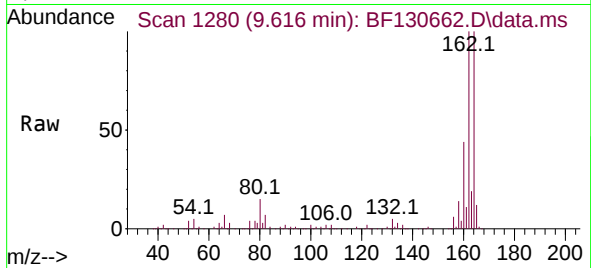
Tgt Ion:142 Resp: 393724
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

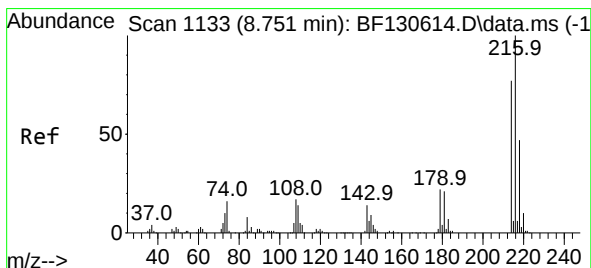
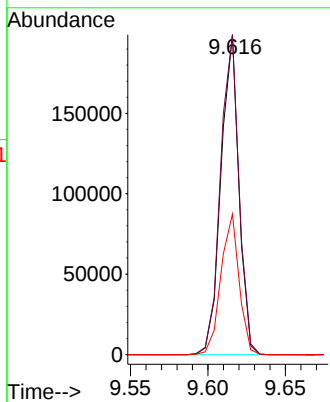
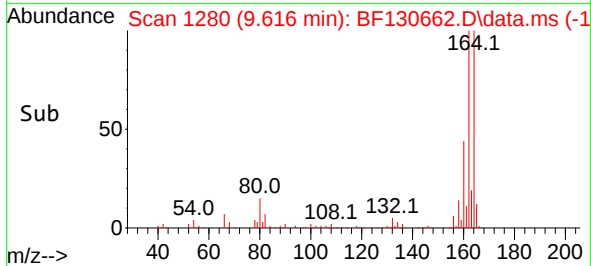
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



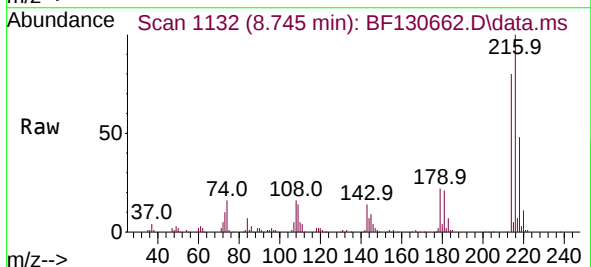
Tgt Ion:164 Resp: 159568
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.9 34.5 51.7

Manual Integrations
APPROVED

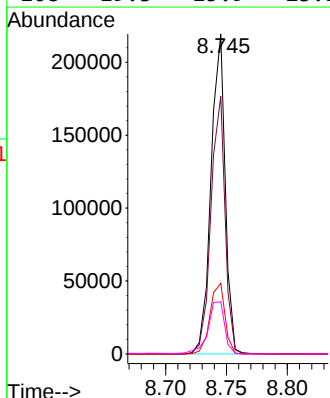
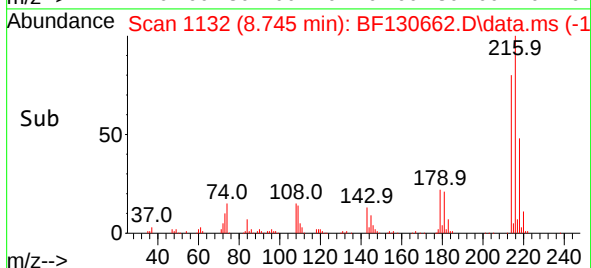
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

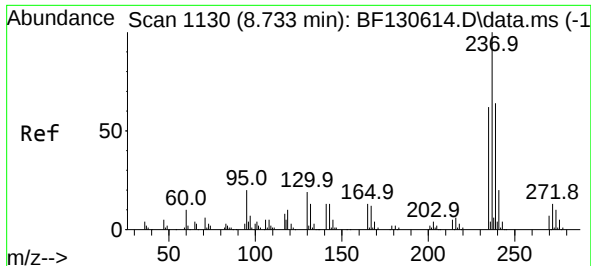


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.998 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



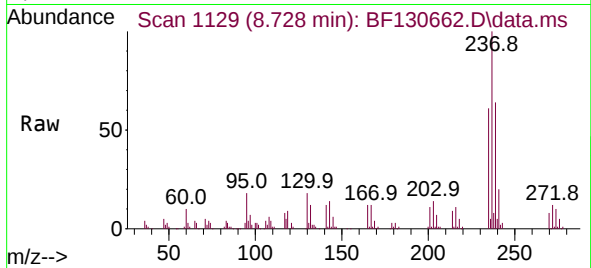
Tgt Ion:216 Resp: 177490
Ion Ratio Lower Upper
216 100
214 80.3 62.1 93.1
179 23.2 18.6 27.8
108 19.3 15.9 23.9





#41
 Hexachlorocyclopentadiene
 Concen: 37.180 ng
 RT: 8.728 min Scan# 1130
 Delta R.T. -0.005 min
 Lab File: BF130662.D
 Acq: 14 Oct 2022 12:04

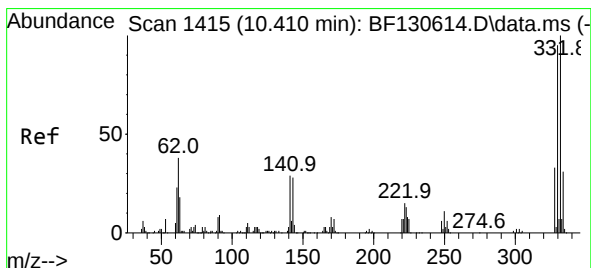
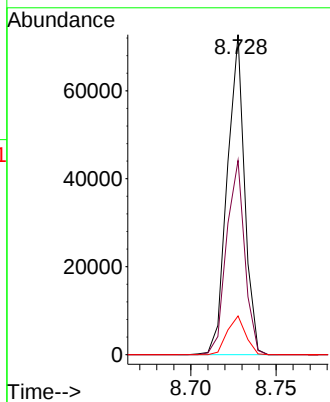
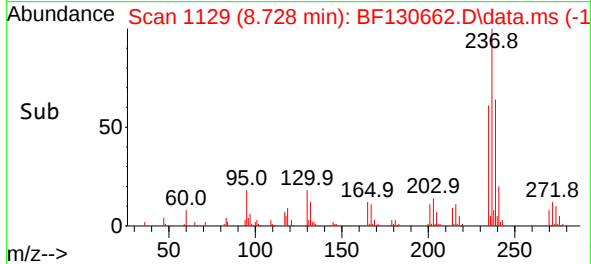
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



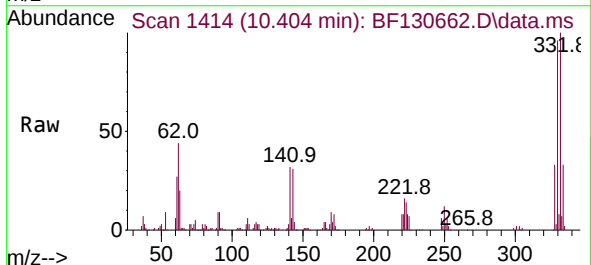
Tgt Ion:237 Resp: 5144
 Ion Ratio Lower Upper
 237 100
 235 60.7 42.2 82.2
 272 12.1 0.0 32.6

Manual Integrations
 APPROVED

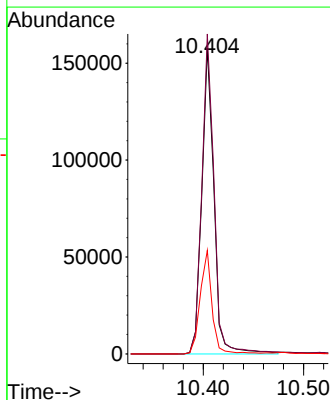
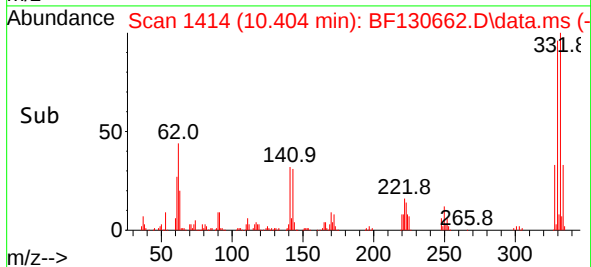
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

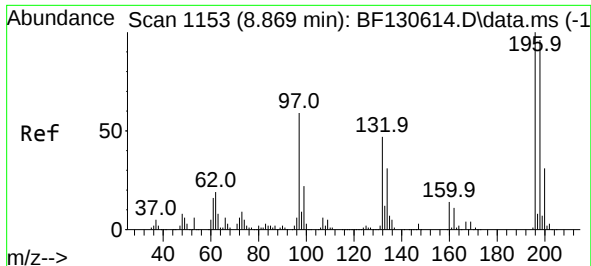


#42
 2,4,6-Tribromophenol
 Concen: 84.957 ng
 RT: 10.404 min Scan# 1414
 Delta R.T. -0.006 min
 Lab File: BF130662.D
 Acq: 14 Oct 2022 12:04



Tgt Ion:330 Resp: 132647
 Ion Ratio Lower Upper
 330 100
 332 105.9 84.2 126.4
 141 33.0 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 41.482 ng

RT: 8.863 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 120580

Ion Ratio Lower Upper

196 100

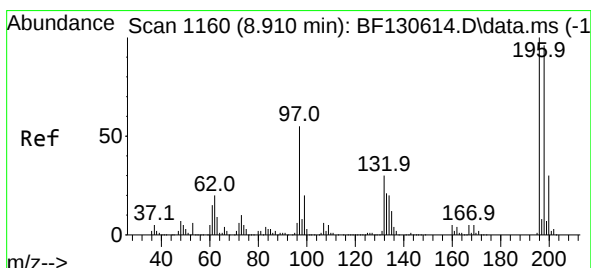
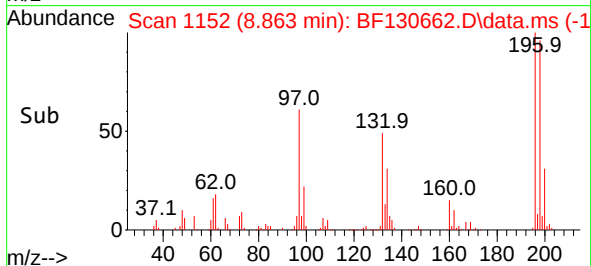
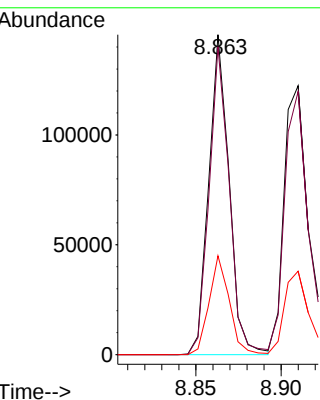
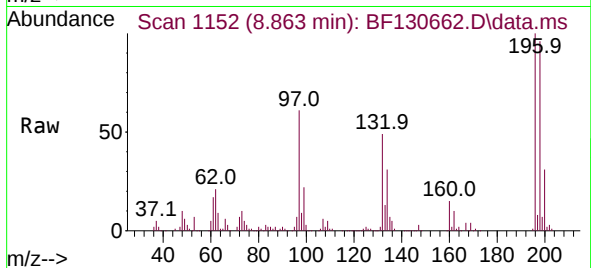
198 96.2 76.6 115.0

200 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#44

2,4,5-Trichlorophenol

Concen: 41.155 ng

RT: 8.910 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion:196 Resp: 131558

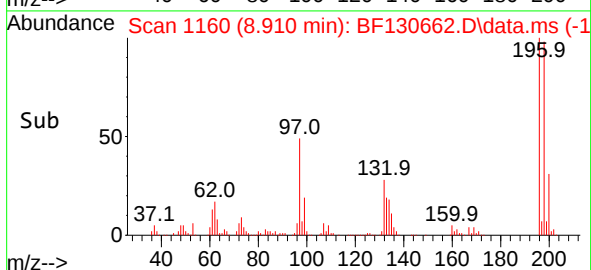
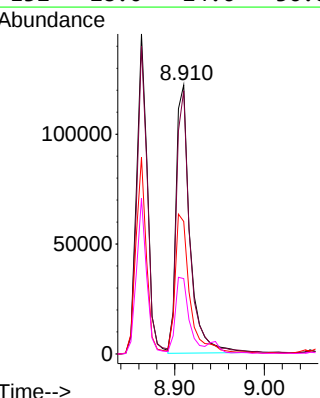
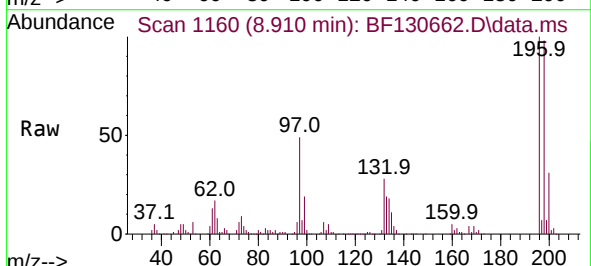
Ion Ratio Lower Upper

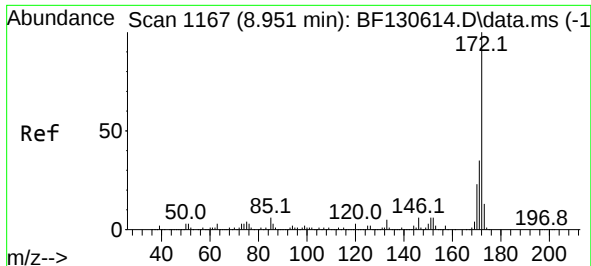
196 100

198 97.9 76.6 114.8

97 49.2 44.3 66.5

132 28.0 24.6 36.8





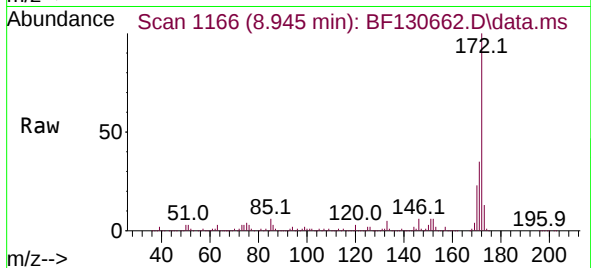
#45
2-Fluorobiphenyl
Concen: 81.734 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

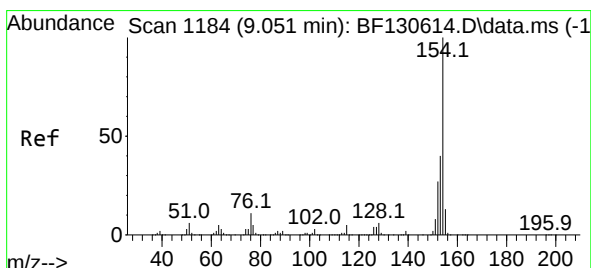
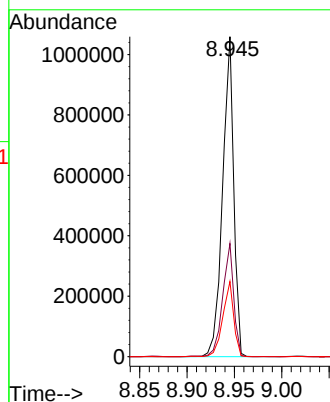
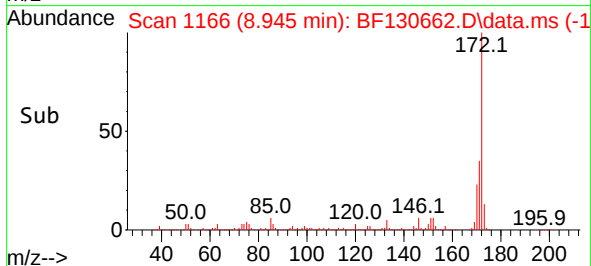


Tgt Ion:172 Resp: 860994
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.5 18.6 27.8

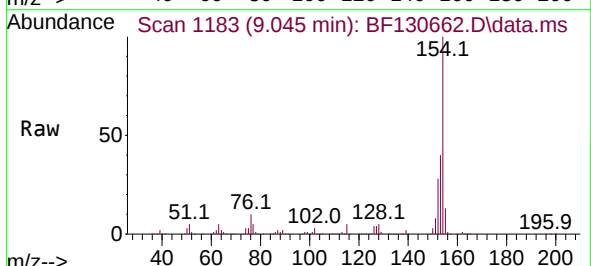
Manual Integrations

APPROVED

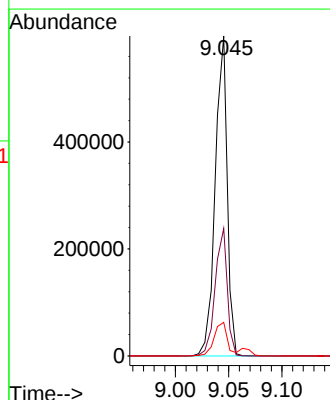
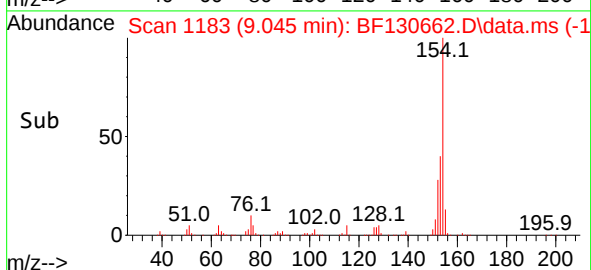
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

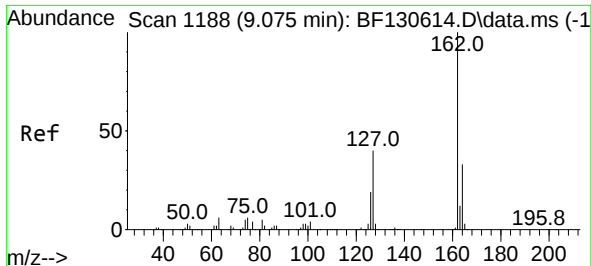


#46
1,1'-Biphenyl
Concen: 40.574 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



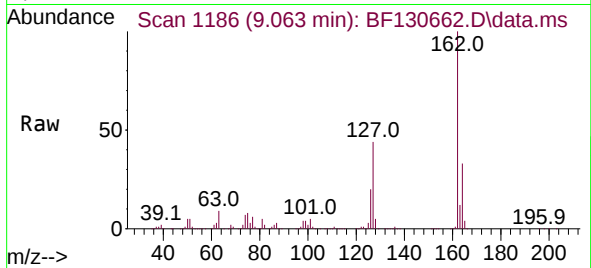
Tgt Ion:154 Resp: 469192
Ion Ratio Lower Upper
154 100
153 39.8 20.0 60.0
76 10.5 0.0 30.8





#47
2-Chloronaphthalene
Concen: 40.906 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

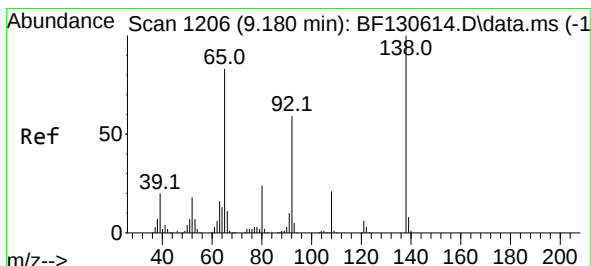
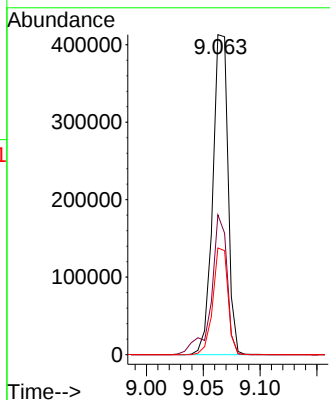
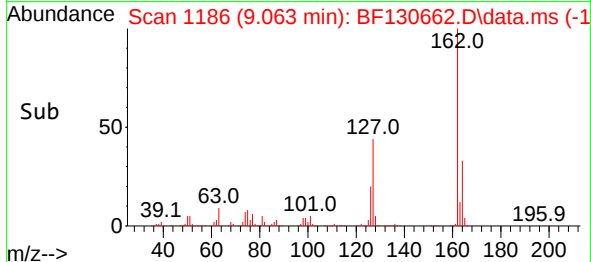
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



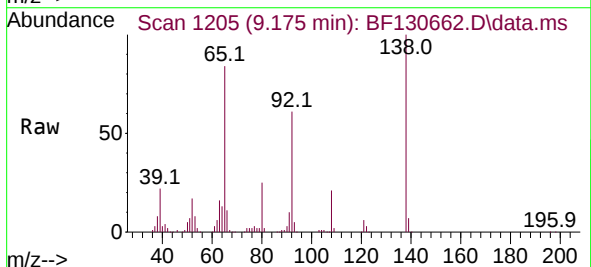
Tgt Ion:162 Resp: 386610
Ion Ratio Lower Upper
162 100
127 43.7 32.6 49.0
164 33.3 26.3 39.5

Manual Integrations
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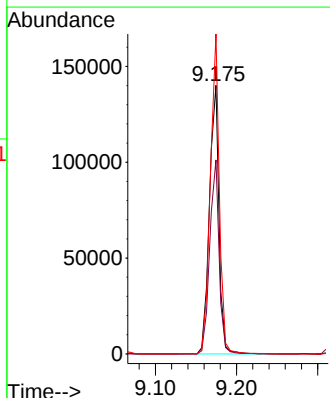
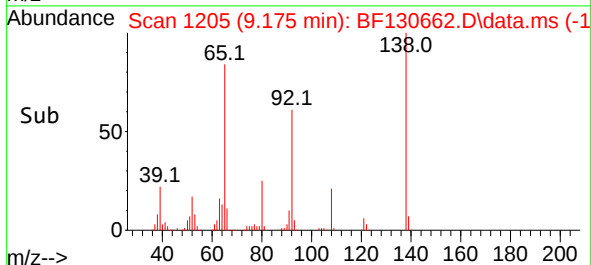
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

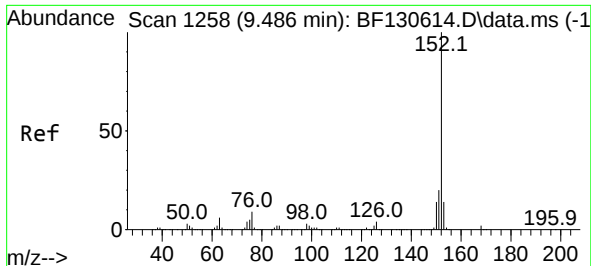


#48
2-Nitroaniline
Concen: 40.483 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



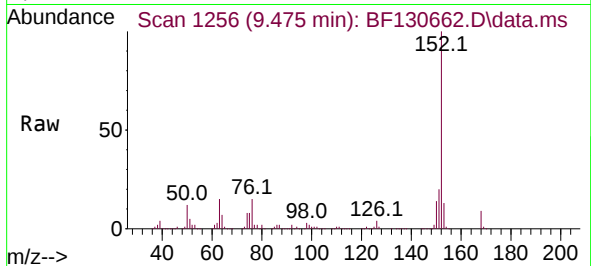
Tgt Ion: 65 Resp: 115177
Ion Ratio Lower Upper
65 100
92 72.2 57.4 86.0
138 119.2 96.7 145.1





#49
Acenaphthylene
Concen: 40.670 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.011 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

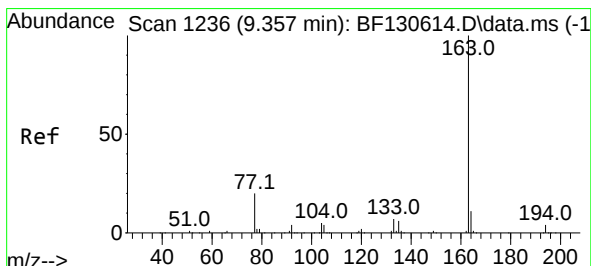
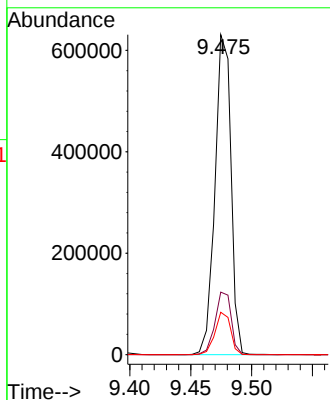
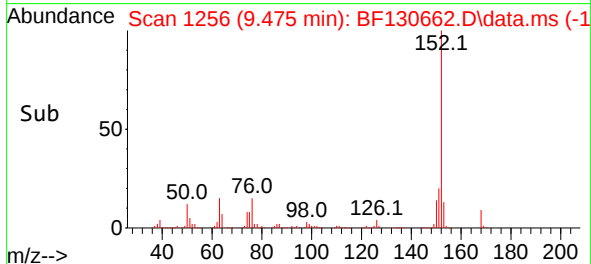
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



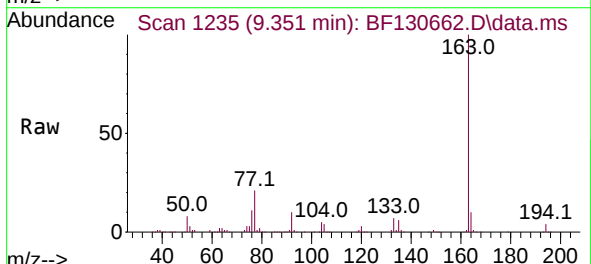
Tgt Ion:152 Resp: 575930
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.2 10.8 16.2

Manual Integrations
APPROVED

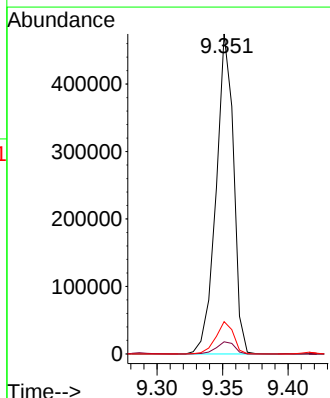
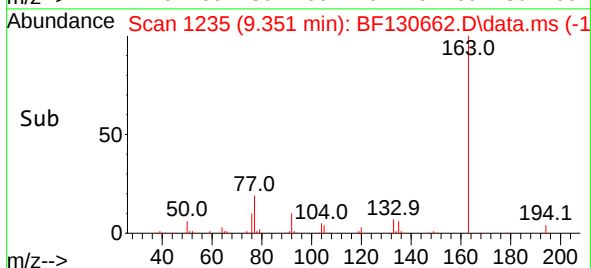
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

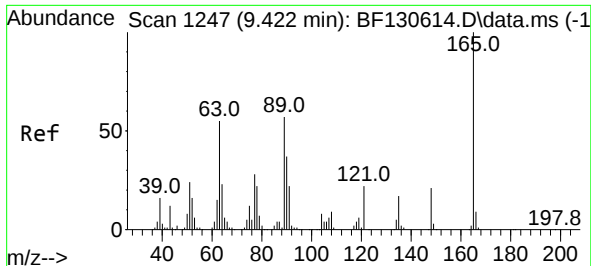


#50
Dimethylphthalate
Concen: 39.898 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:163 Resp: 440700
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 40.434 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 97968

Ion Ratio Lower Upper

165 100

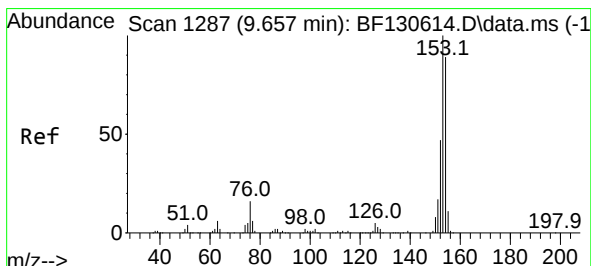
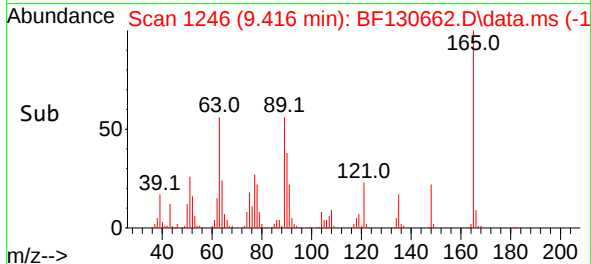
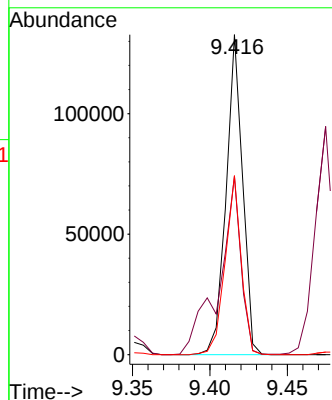
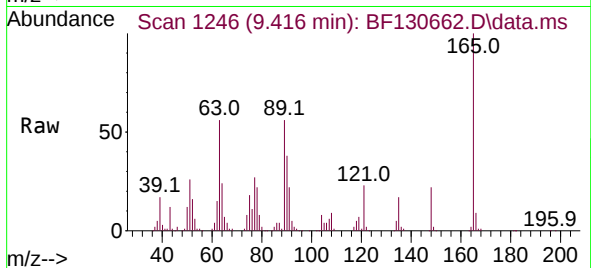
63 55.7 45.3 67.9

89 55.9 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#52

Acenaphthene

Concen: 40.874 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

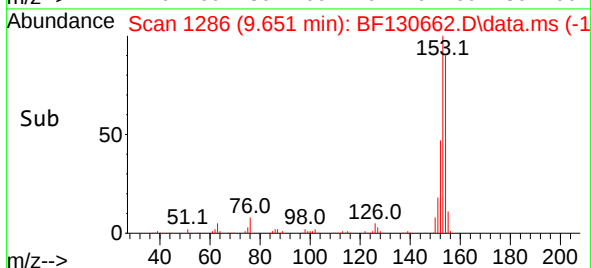
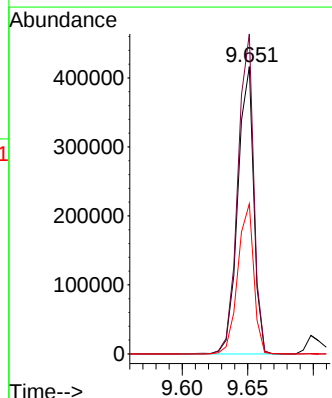
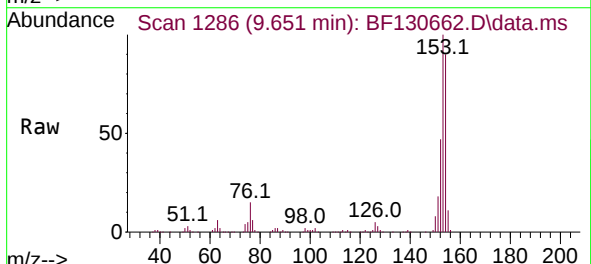
Tgt Ion:154 Resp: 350683

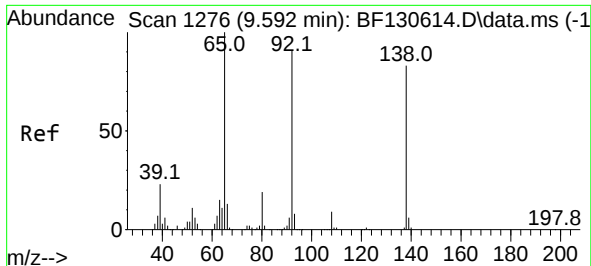
Ion Ratio Lower Upper

154 100

153 111.4 89.6 134.4

152 52.2 42.4 63.6





#53
3-Nitroaniline
Concen: 40.352 ng
RT: 9.586 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

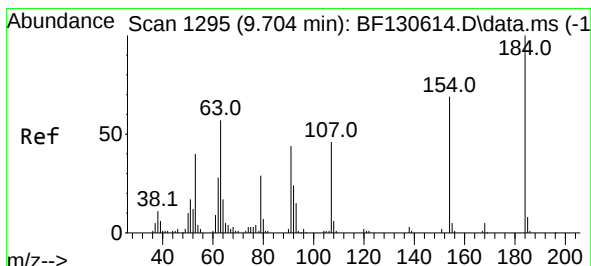
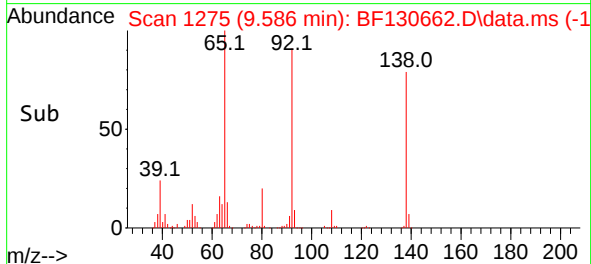
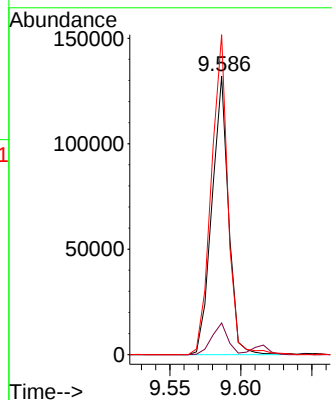
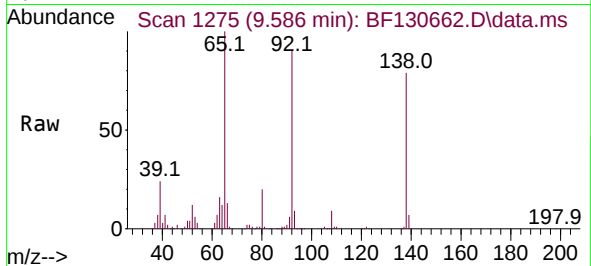
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 107172
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 114.8 88.2 132.4

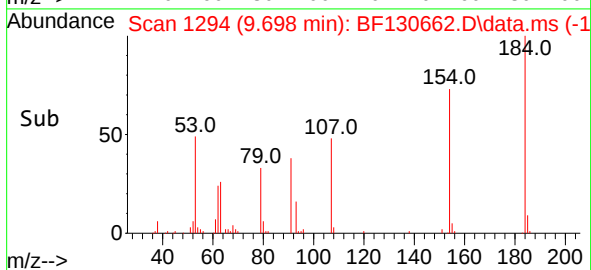
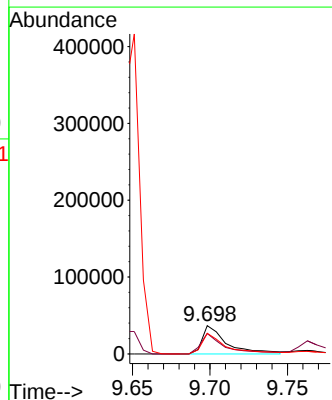
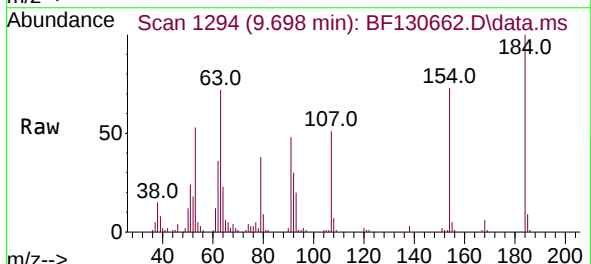
Manual Integrations
APPROVED

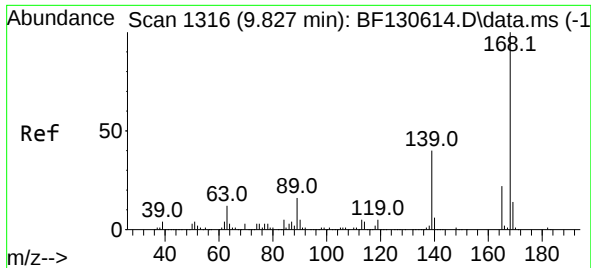
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#54
2,4-Dinitrophenol
Concen: 35.505 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

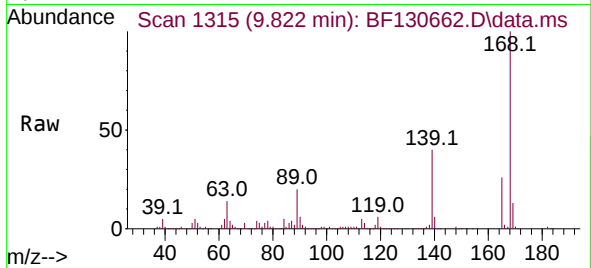
Tgt Ion:184 Resp: 40195
Ion Ratio Lower Upper
184 100
63 71.9 45.5 68.3#
154 72.8 55.1 82.7





#55
Dibenzofuran
Concen: 40.389 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

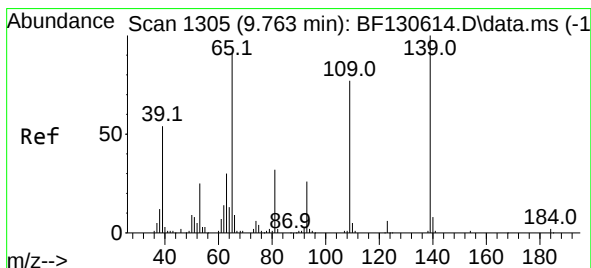
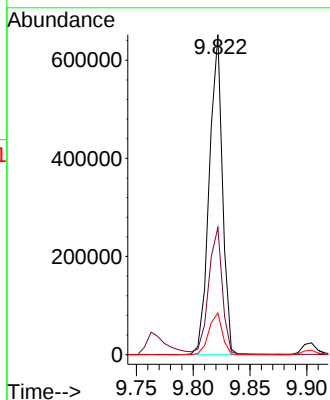
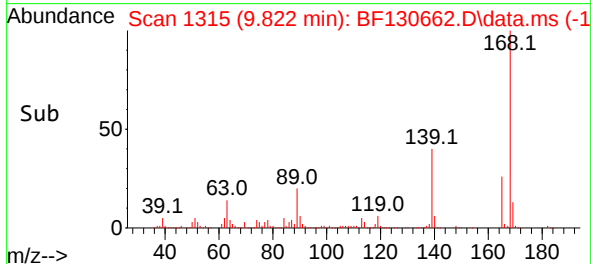
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 527894
Ion Ratio Lower Upper
168 100
139 39.7 33.0 49.4
169 13.0 10.9 16.3

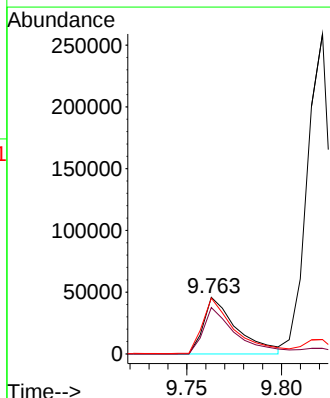
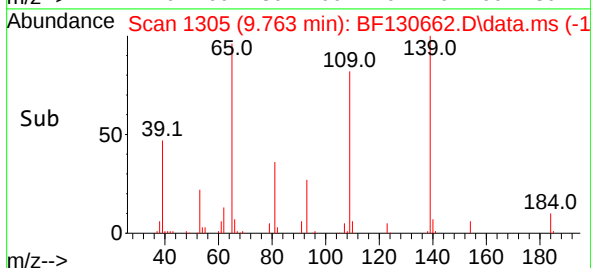
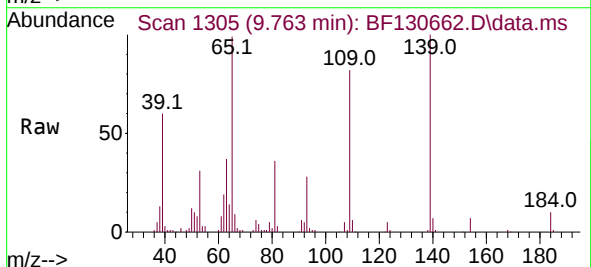
Manual Integrations
APPROVED

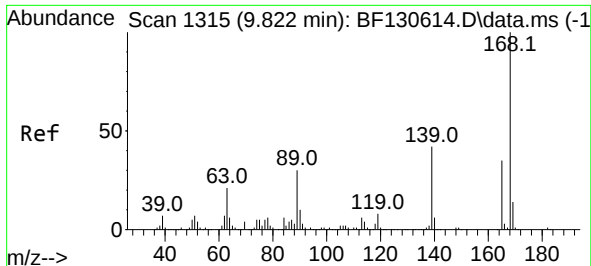
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#56
4-Nitrophenol
Concen: 38.256 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Tgt Ion:139 Resp: 56022
Ion Ratio Lower Upper
139 100
109 82.0 57.4 97.4
65 98.5 71.3 111.3





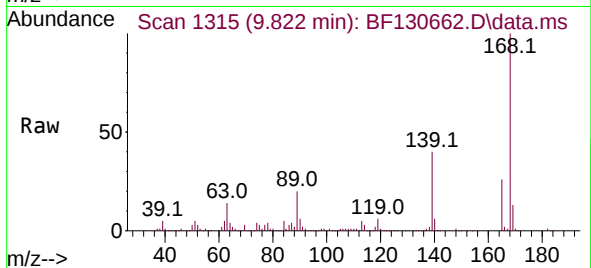
#57
2,4-Dinitrotoluene
Concen: 41.581 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

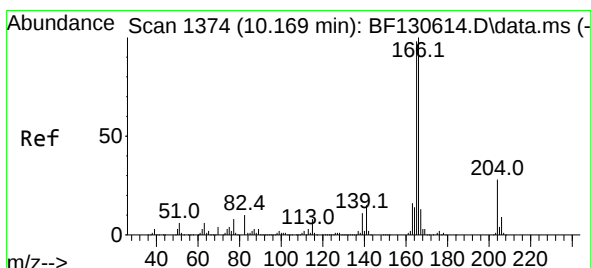
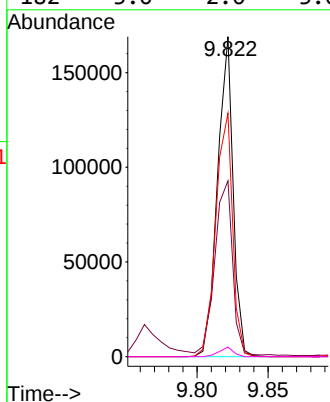
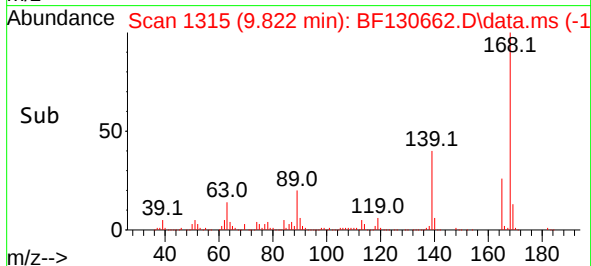


Tgt Ion:165 Resp: 129480
Ion Ratio Lower Upper
165 100
63 54.9 50.6 76.0
89 76.0 68.6 102.8
182 3.0 2.0 3.0

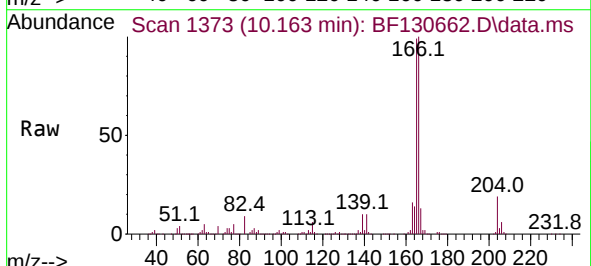
Manual Integrations

APPROVED

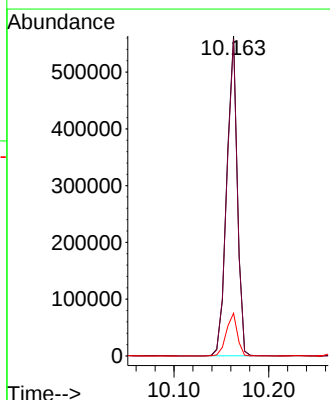
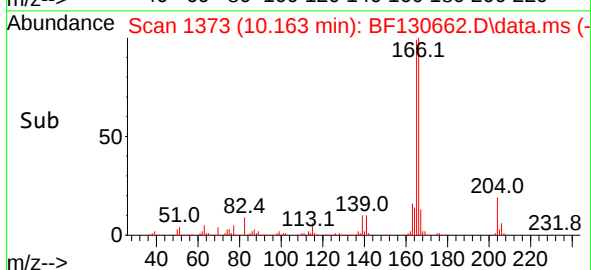
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

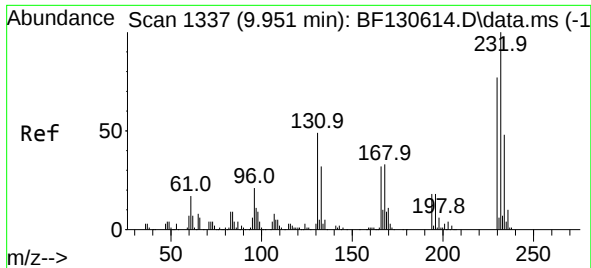


#58
Fluorene
Concen: 40.357 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:166 Resp: 433651
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.379 ng

RT: 9.945 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 102905

Ion Ratio Lower Upper

232 100

131 50.8 41.4 62.0

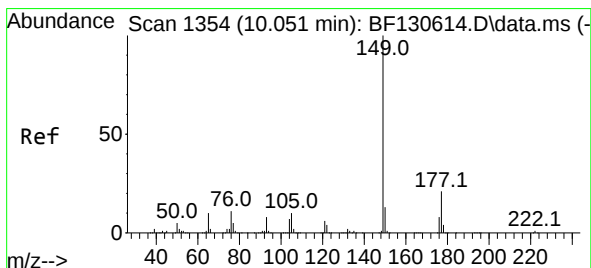
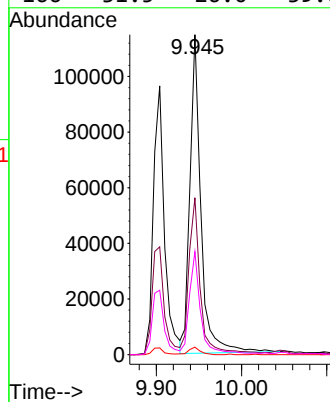
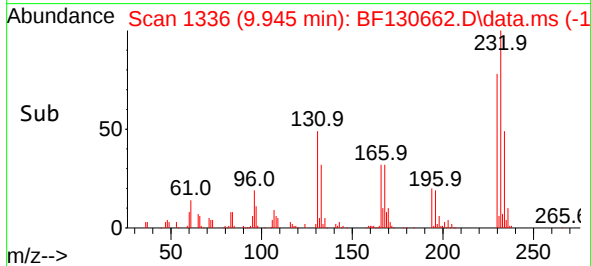
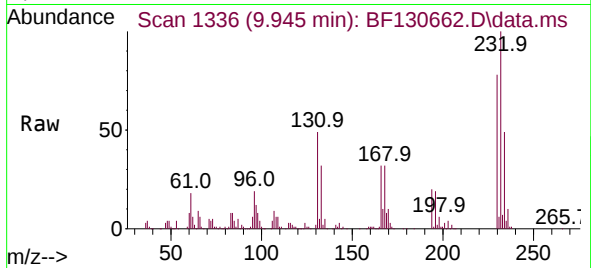
130 2.4 2.1 3.1

166 31.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#60

Diethylphthalate

Concen: 39.015 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

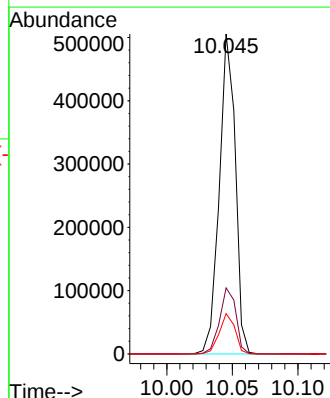
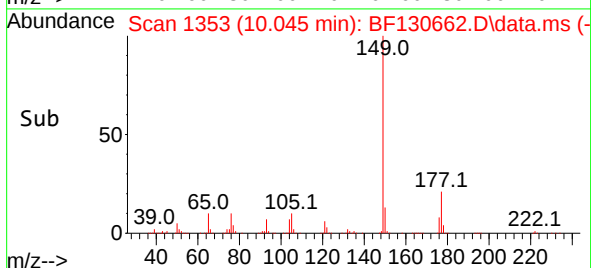
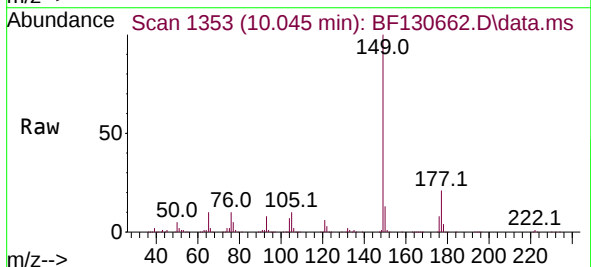
Tgt Ion:149 Resp: 429970

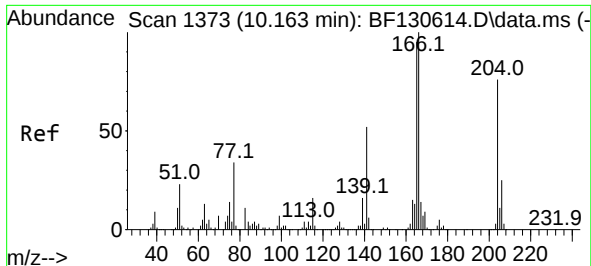
Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

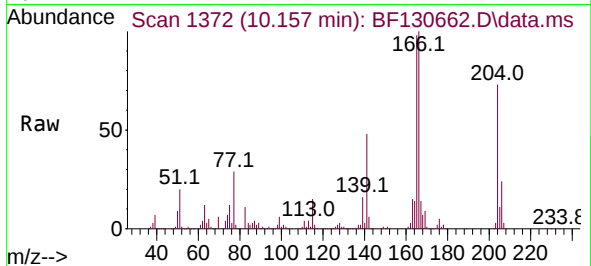
150 12.6 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 40.476 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

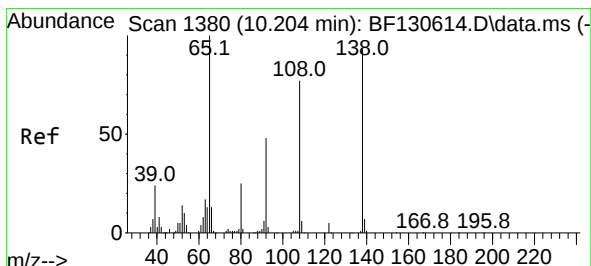
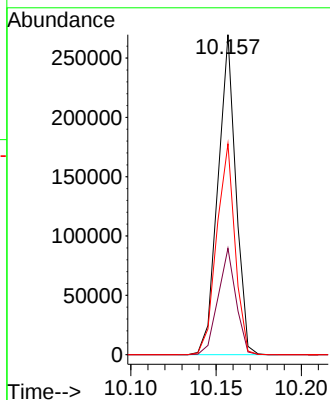
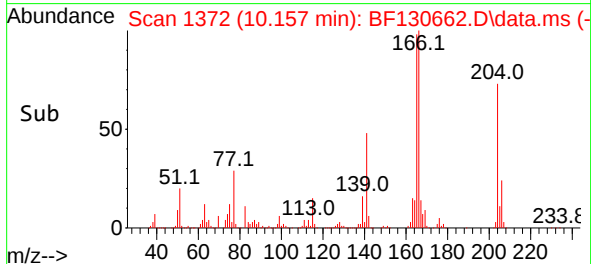
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 196637
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 65.9 54.6 81.8

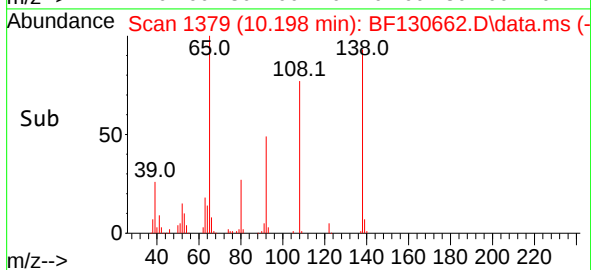
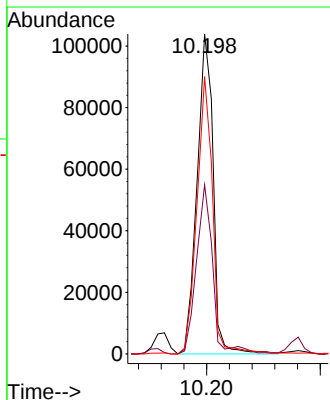
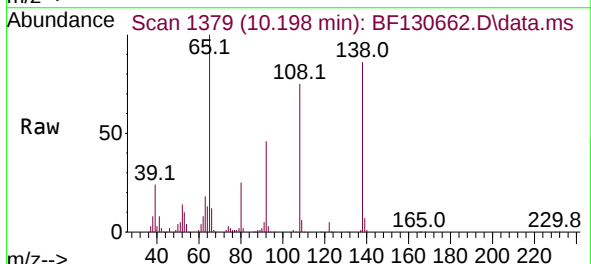
Manual Integrations
APPROVED

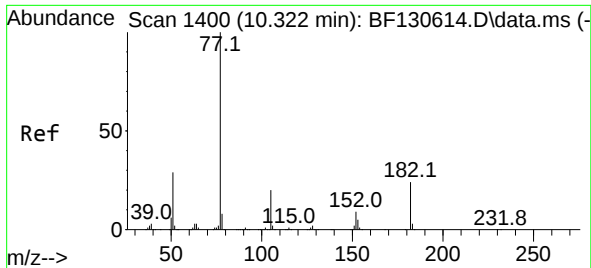
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#62
4-Nitroaniline
Concen: 40.299 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

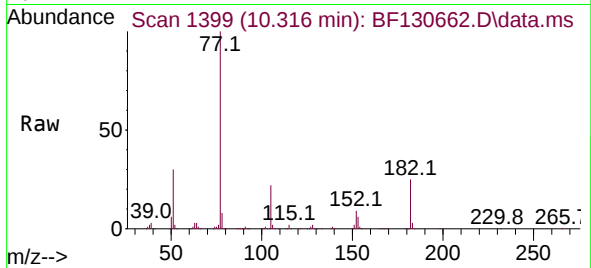
Tgt Ion:138 Resp: 102187
Ion Ratio Lower Upper
138 100
92 52.8 31.1 71.1
108 86.6 62.1 102.1





#63
Azobenzene
Concen: 38.060 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

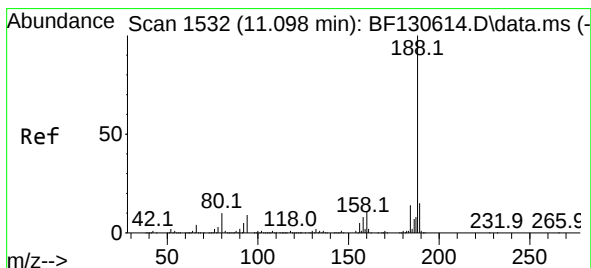
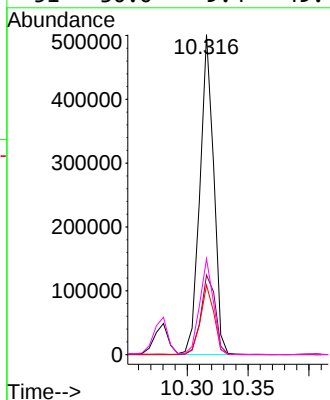
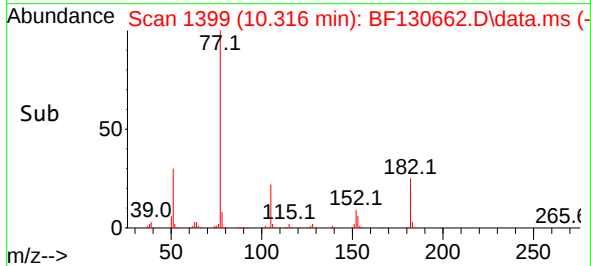
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



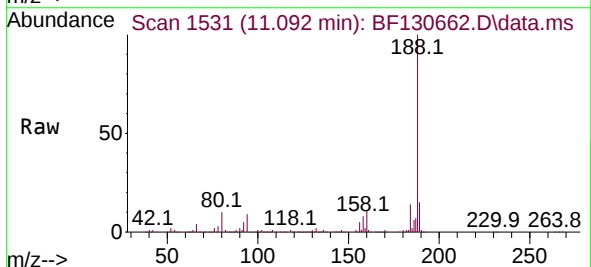
Tgt Ion: 77 Resp: 395052
Ion Ratio Lower Upper
77 100
182 24.8 3.8 43.8
105 21.7 0.3 40.3
51 30.0 9.4 49.4

Manual Integrations
APPROVED

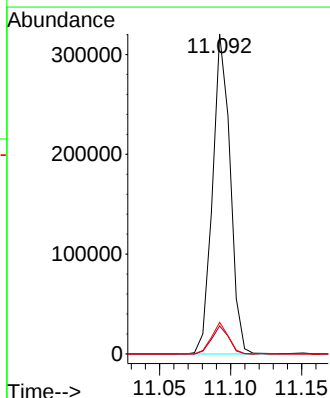
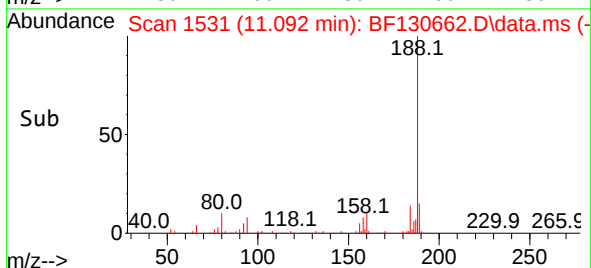
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

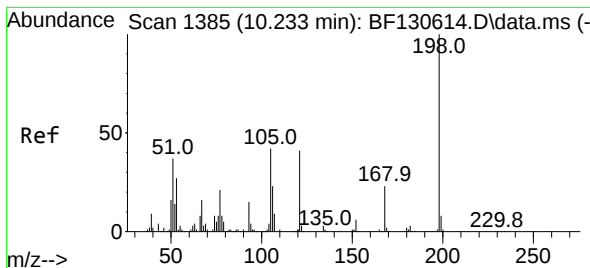


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:188 Resp: 276517
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.9 8.0 12.0





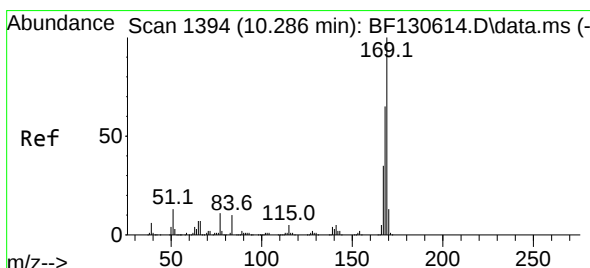
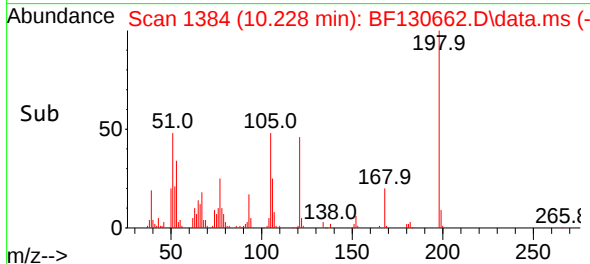
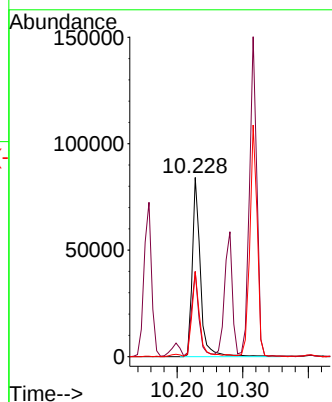
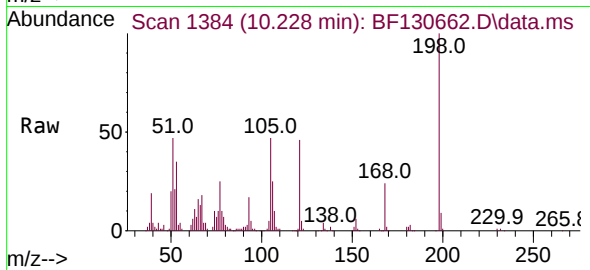
#65
4,6-Dinitro-2-methylphenol
Concen: 41.987 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 72554
Ion Ratio Lower Upper
198 100
51 47.4 18.7 58.7
105 47.5 22.0 62.0

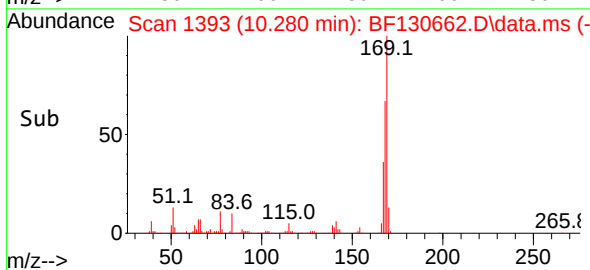
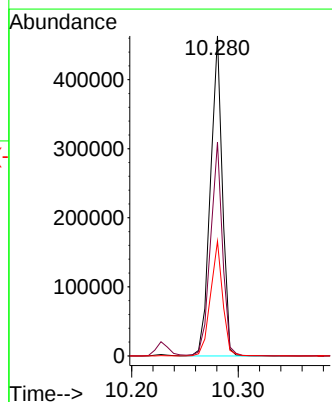
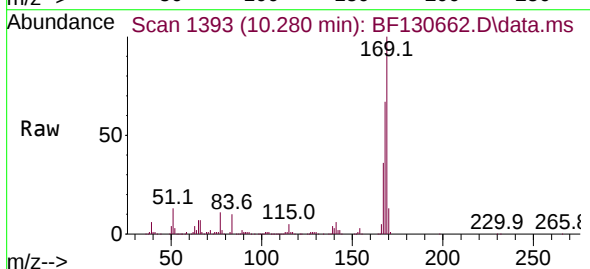
Manual Integrations
APPROVED

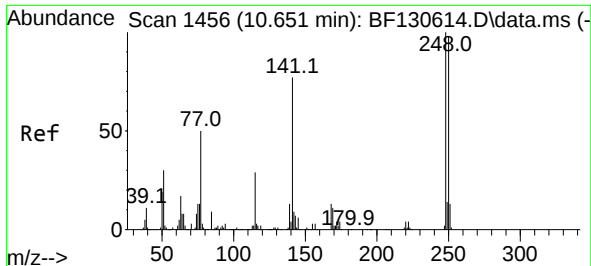
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 39.067 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

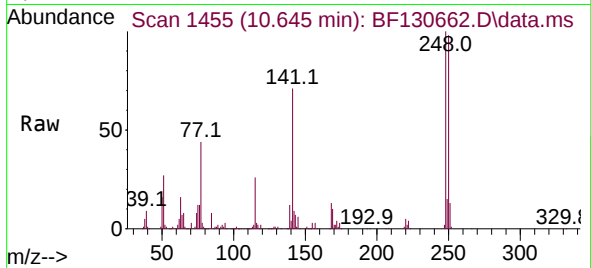
Tgt Ion:169 Resp: 359341
Ion Ratio Lower Upper
169 100
168 66.8 52.2 78.4
167 35.9 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 40.810 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

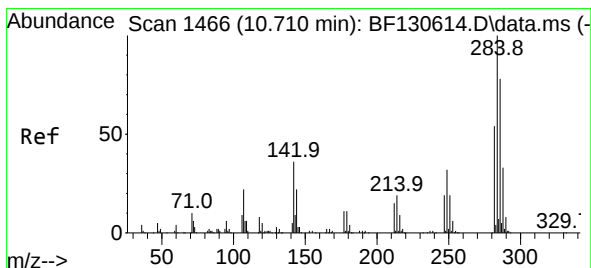
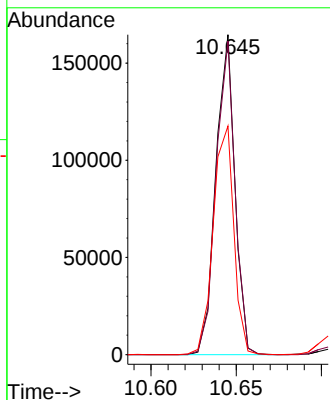
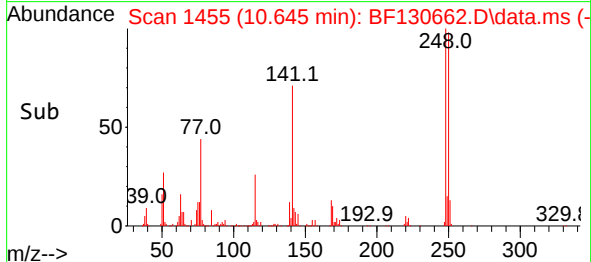
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



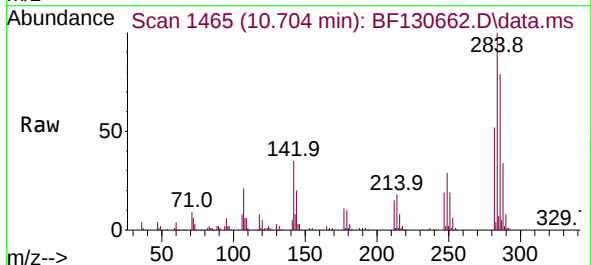
Tgt Ion:248 Resp: 127684
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 71.4 61.6 92.4

Manual Integrations
APPROVED

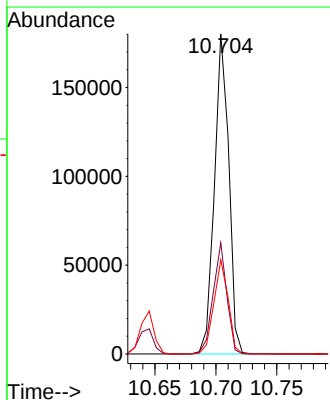
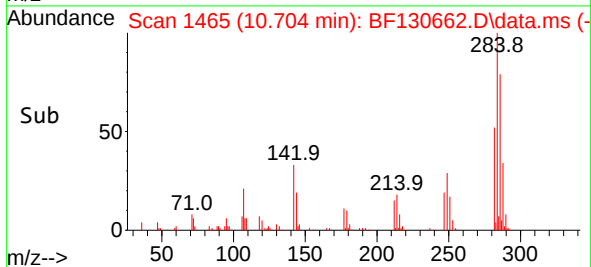
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

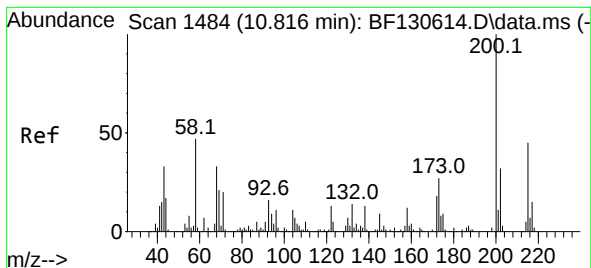


#68
Hexachlorobenzene
Concen: 41.618 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:284 Resp: 147196
Ion Ratio Lower Upper
284 100
142 34.7 28.6 42.8
249 29.4 25.2 37.8





#69

Atrazine

Concen: 41.577 ng

RT: 10.810 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

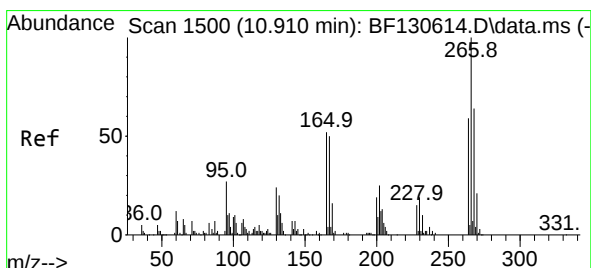
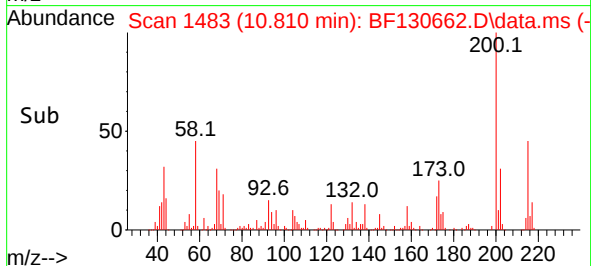
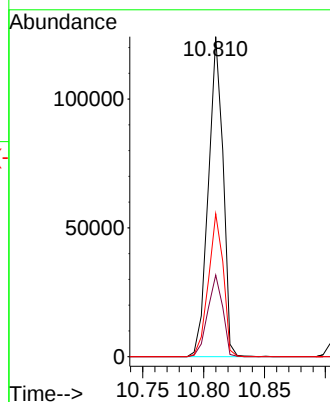
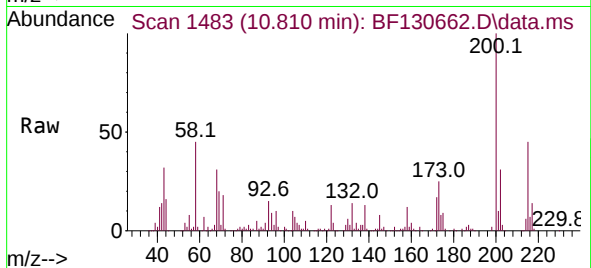
SSTDCCC040

Tgt Ion:200 Resp: 104138
 Ion Ratio Lower Upper
 200 100
 173 25.5 7.1 47.1
 215 44.6 24.9 64.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#70

Pentachlorophenol

Concen: 34.382 ng

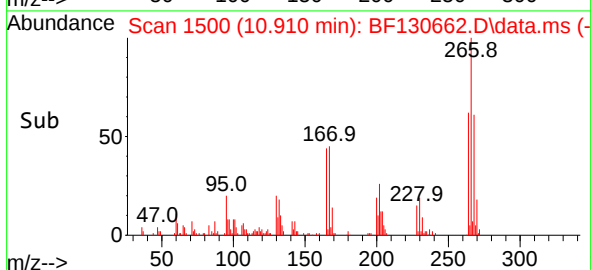
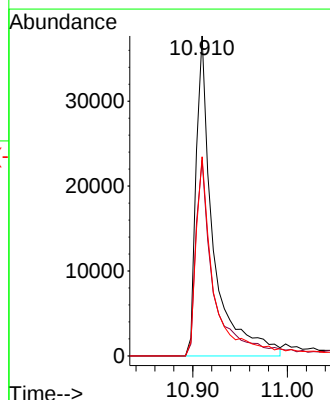
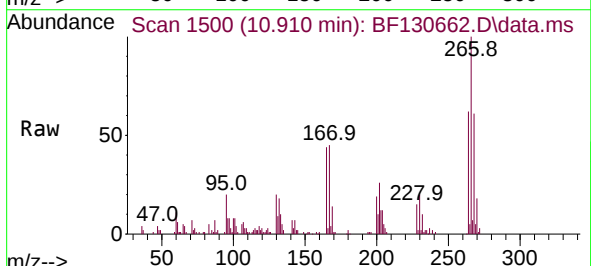
RT: 10.910 min Scan# 1500

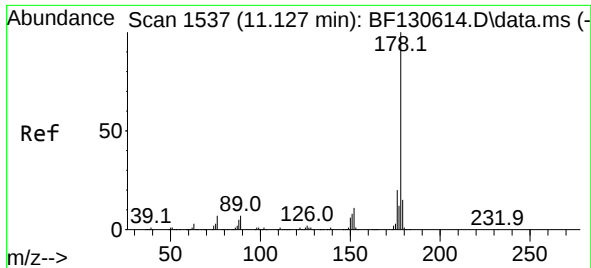
Delta R.T. -0.000 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion:266 Resp: 47328
 Ion Ratio Lower Upper
 266 100
 268 61.1 50.8 76.2
 264 62.2 47.5 71.3





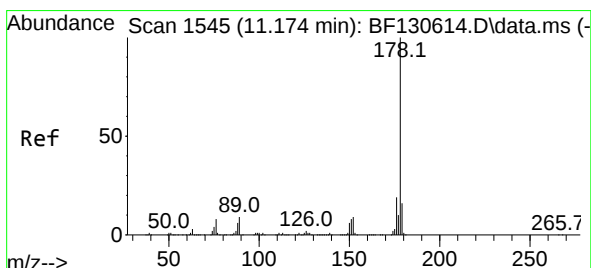
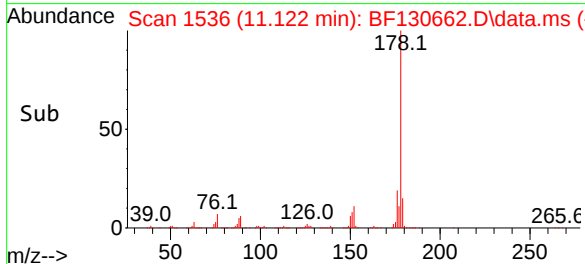
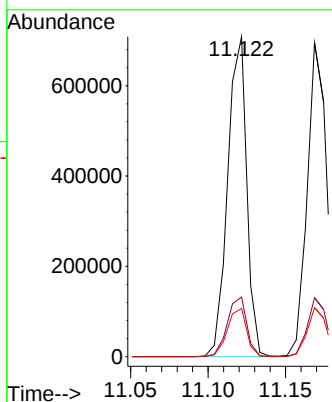
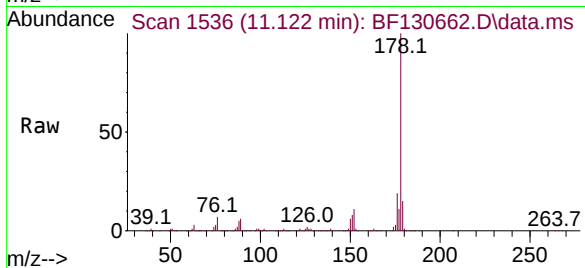
#71
Phenanthrene
Concen: 39.544 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 605821
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.1 12.2 18.4

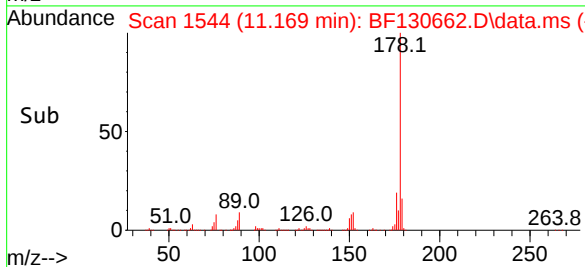
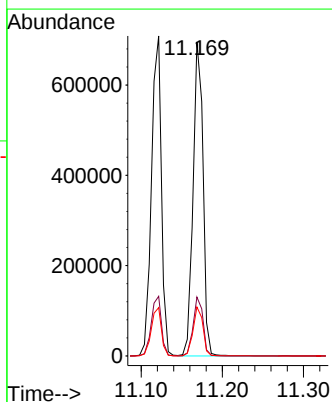
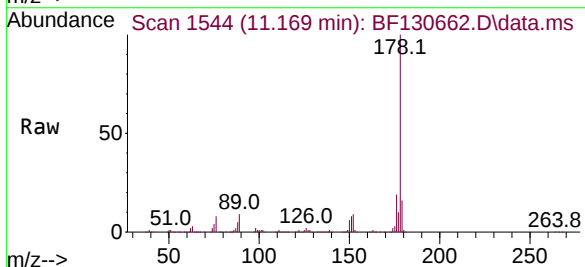
Manual Integrations
APPROVED

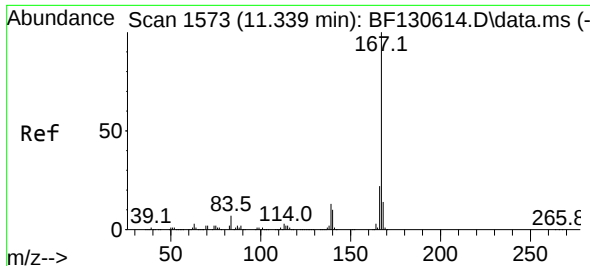
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#72
Anthracene
Concen: 39.424 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

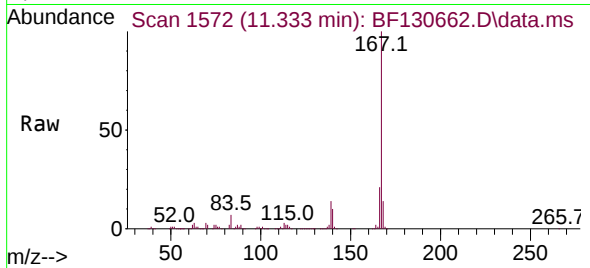
Tgt Ion:178 Resp: 589867
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 39.766 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. -0.006 min
 Lab File: BF130662.D
 Acq: 14 Oct 2022 12:04

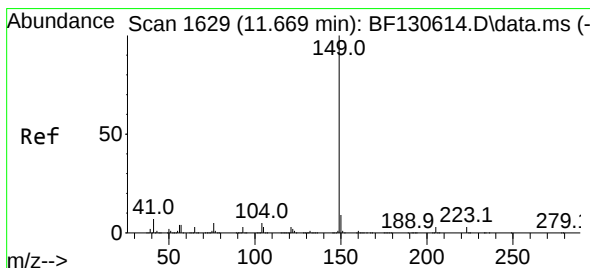
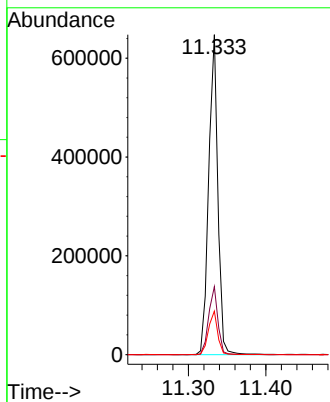
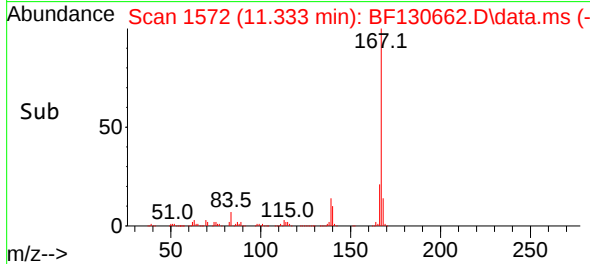
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



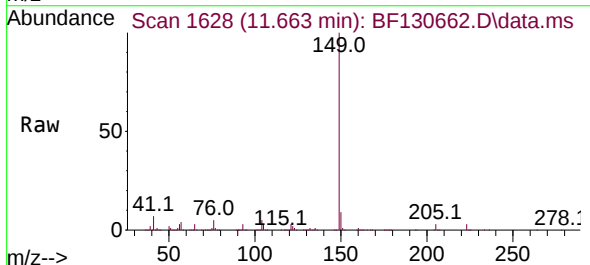
Tgt Ion:167 Resp: 530916
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.6 10.7 16.1

Manual Integrations
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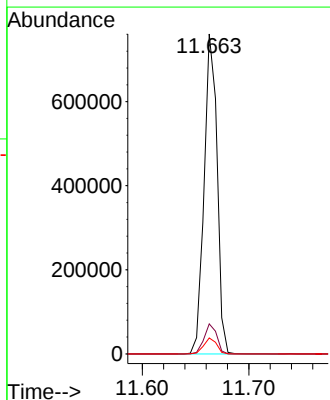
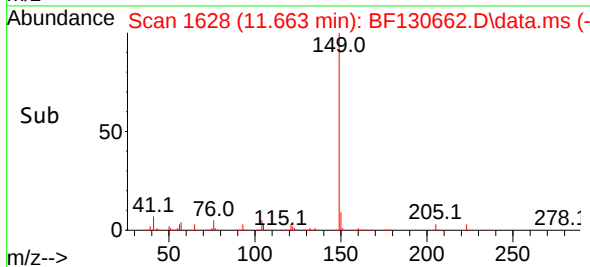
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

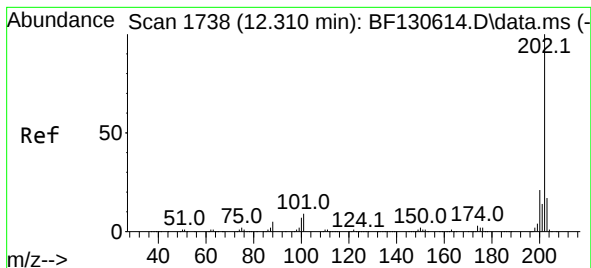


#74
 Di-n-butylphthalate
 Concen: 39.572 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BF130662.D
 Acq: 14 Oct 2022 12:04



Tgt Ion:149 Resp: 639985
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 41.448 ng

RT: 12.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

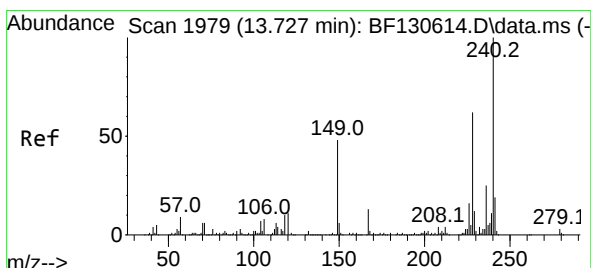
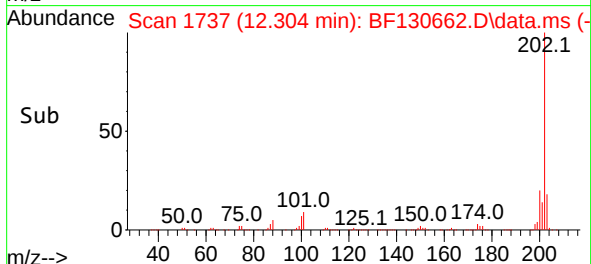
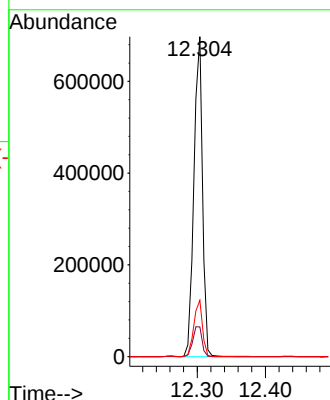
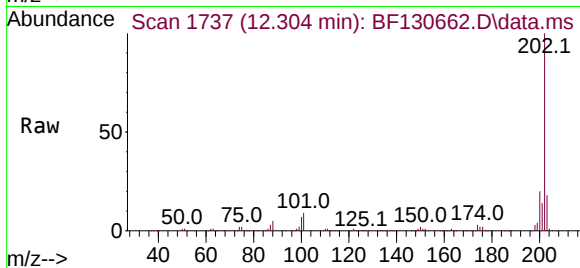
SSTDCCC040

Tgt Ion:202 Resp: 610283
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 29.1
 203 17.6 0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#76

Chrysene-d12

Concen: 20.000 ng

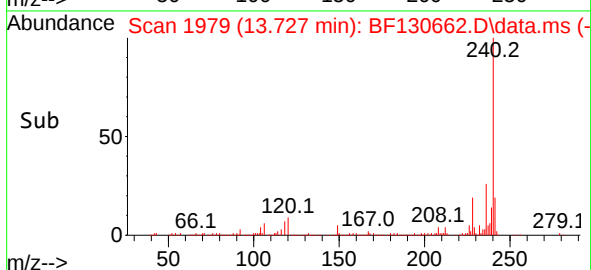
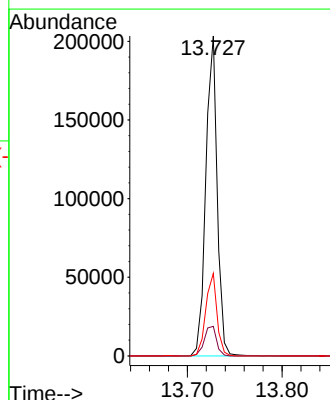
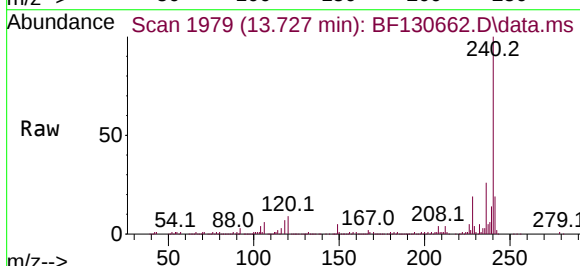
RT: 13.727 min Scan# 1979

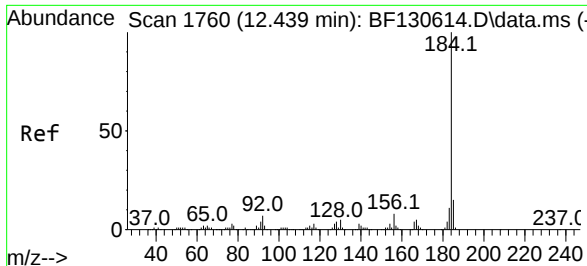
Delta R.T. 0.000 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

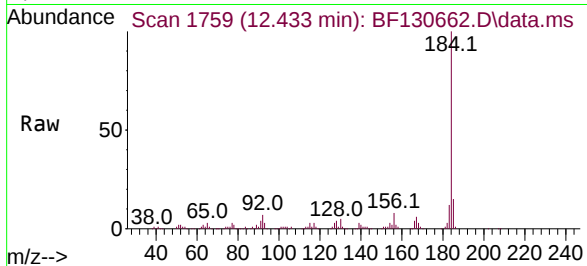
Tgt Ion:240 Resp: 169204
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.6 13.0
 236 25.8 20.2 30.4





#77
Benzidine
Concen: 34.075 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

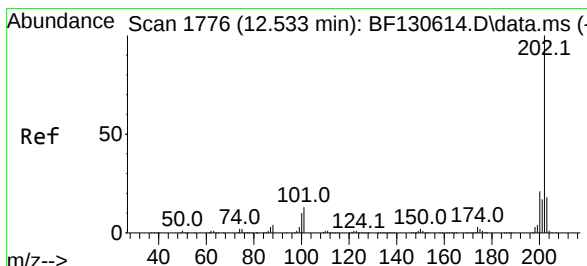
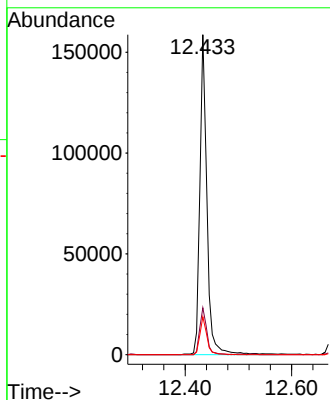
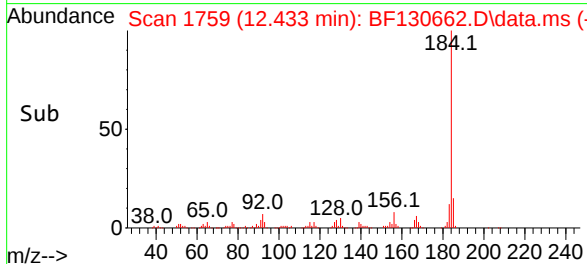
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



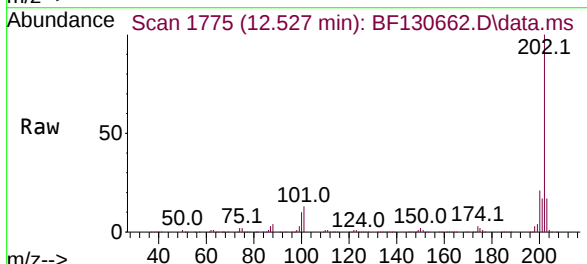
Tgt Ion:184 Resp: 145734
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 11.8 9.0 13.4

Manual Integrations
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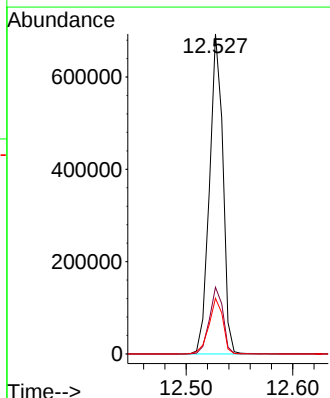
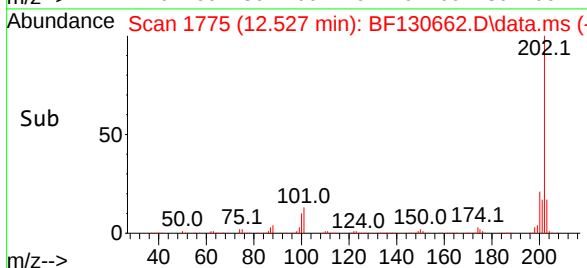
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

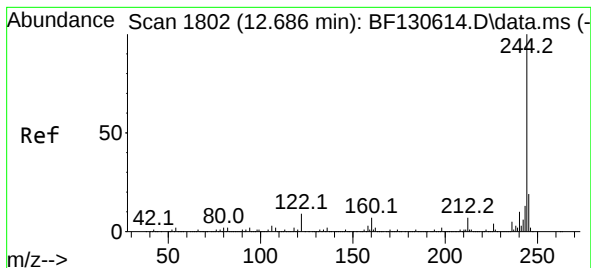


#78
Pyrene
Concen: 41.506 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:202 Resp: 605875
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 83.350 ng

RT: 12.680 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

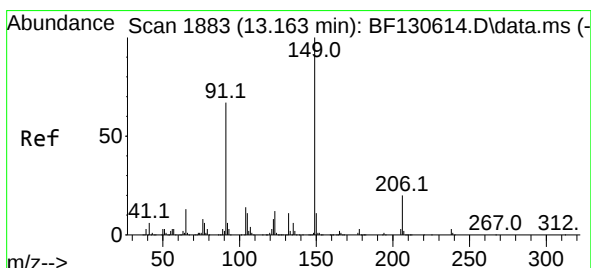
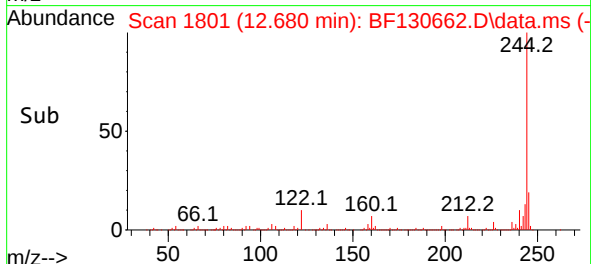
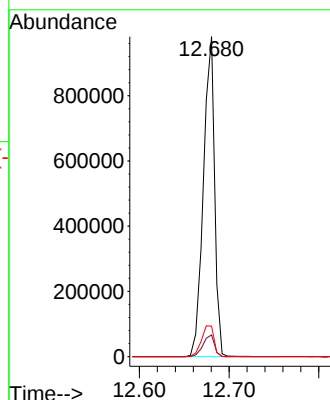
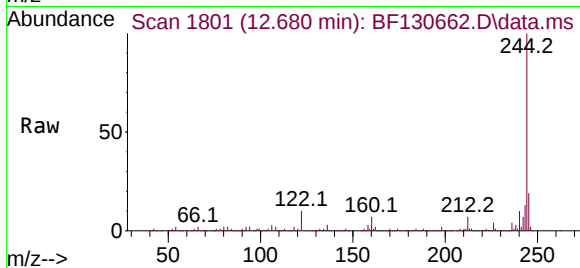
SSTDCCC040

Tgt Ion:244 Resp: 849727
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.5 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#80

Butylbenzylphthalate

Concen: 40.207 ng

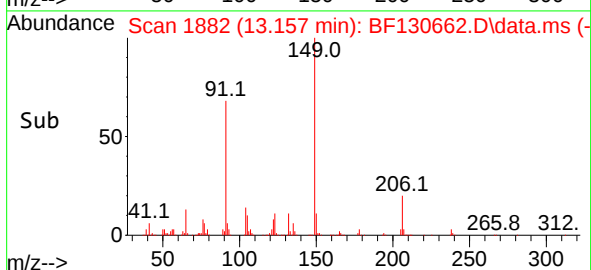
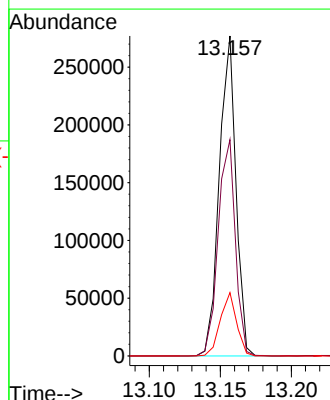
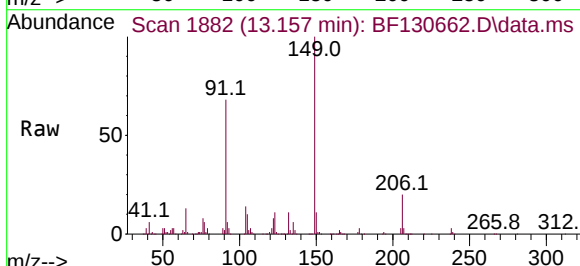
RT: 13.157 min Scan# 1882

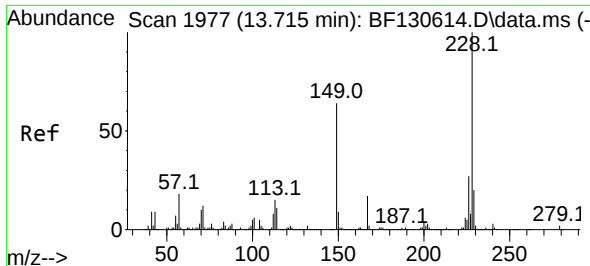
Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

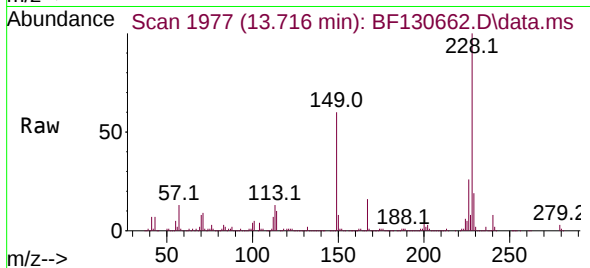
Tgt Ion:149 Resp: 225686
 Ion Ratio Lower Upper
 149 100
 91 67.6 53.8 80.8
 206 19.8 15.8 23.6





#81
Benzo(a)anthracene
Concen: 40.347 ng
RT: 13.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

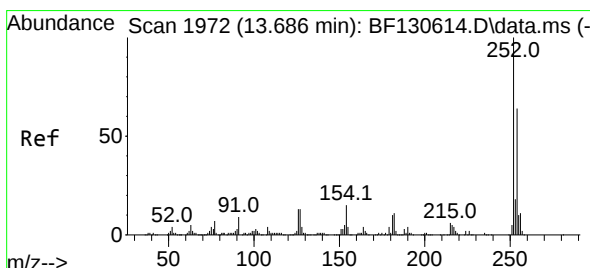
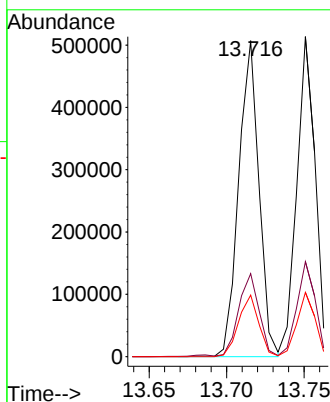
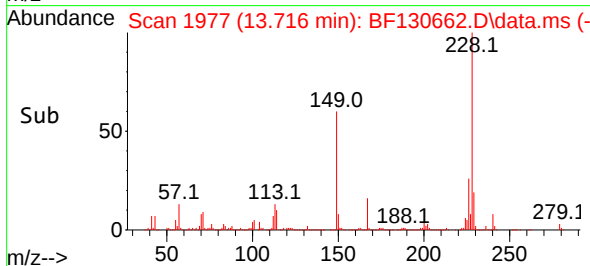
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



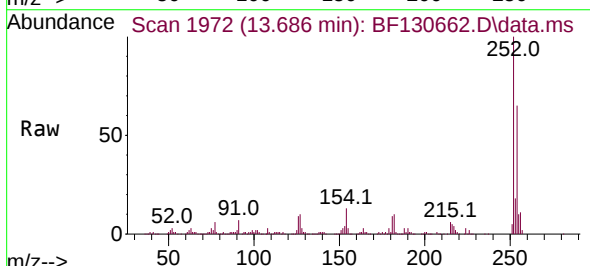
Tgt Ion:228 Resp: 459999
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.2
229 19.5 15.8 23.8

Manual Integrations
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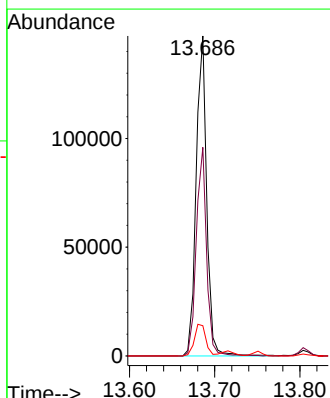
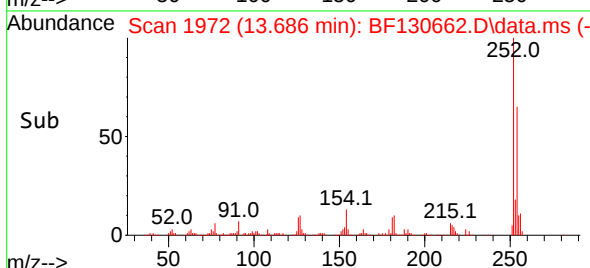
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

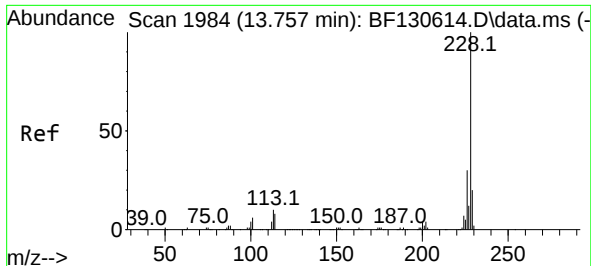


#82
3,3'-Dichlorobenzidine
Concen: 38.301 ng
RT: 13.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



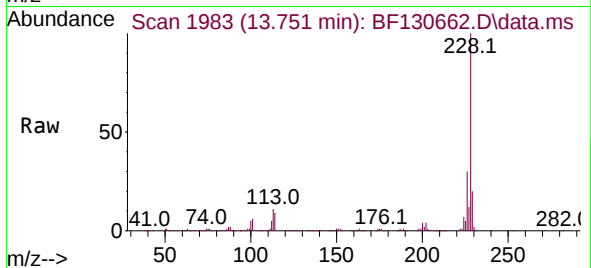
Tgt Ion:252 Resp: 126188
Ion Ratio Lower Upper
252 100
254 65.2 50.9 76.3
126 9.5 10.2 15.4





#83
Chrysene
Concen: 39.222 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

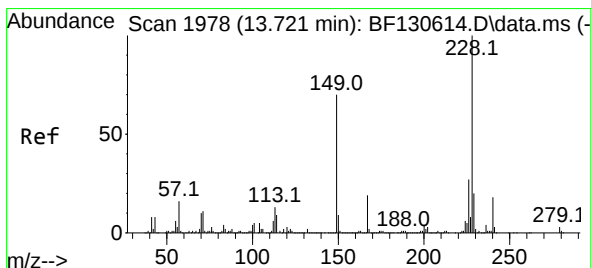
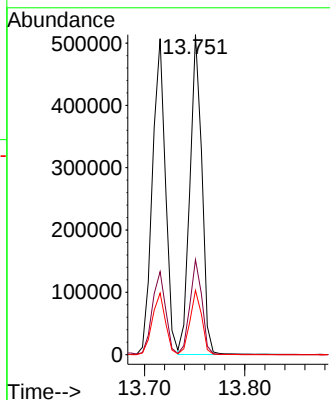
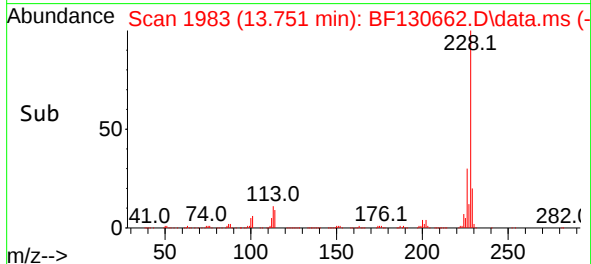
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



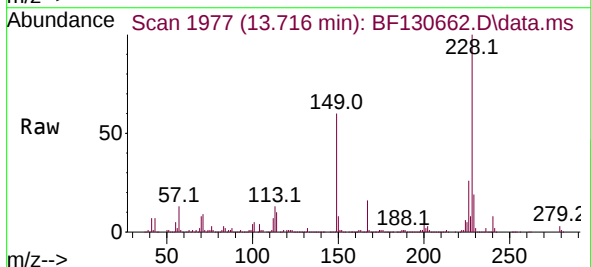
Tgt Ion:228 Resp: 423981
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 20.1 15.9 23.9

Manual Integrations
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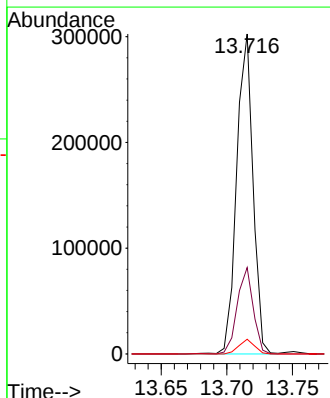
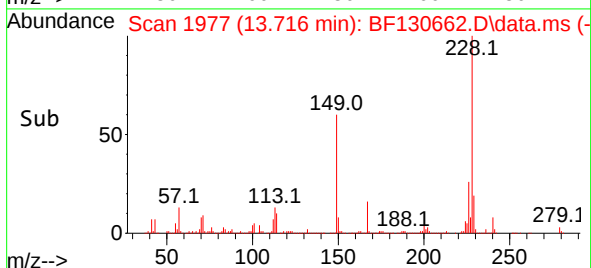
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

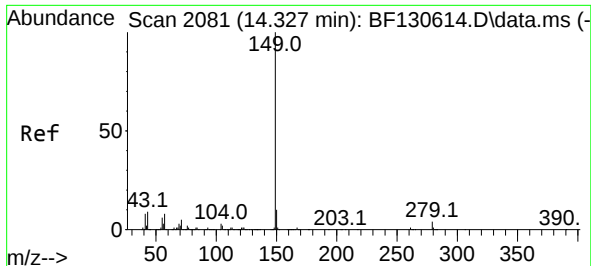


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.361 ng
RT: 13.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



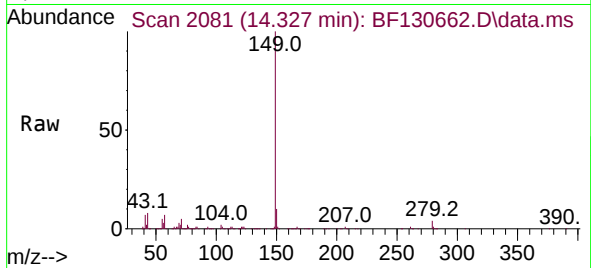
Tgt Ion:149 Resp: 261043
Ion Ratio Lower Upper
149 100
167 27.0 21.9 32.9
279 4.6 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 33.621 ng
RT: 14.327 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

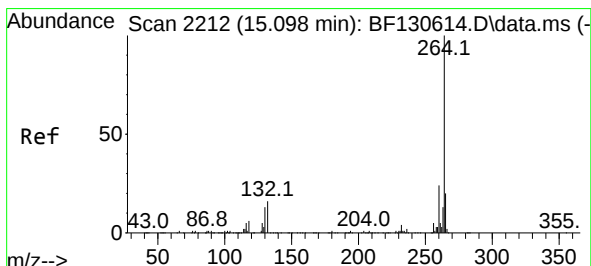
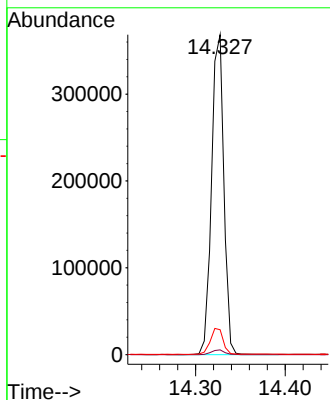
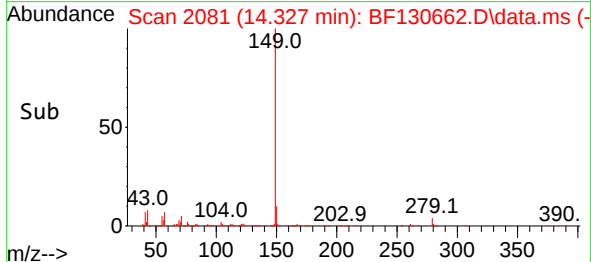
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 350389
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.2 10.8

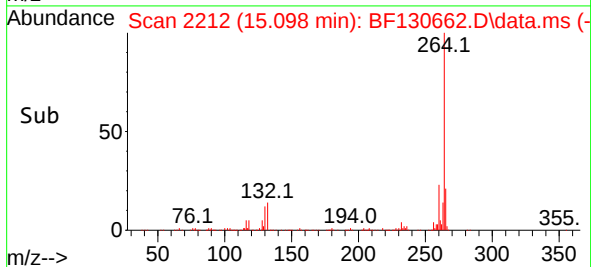
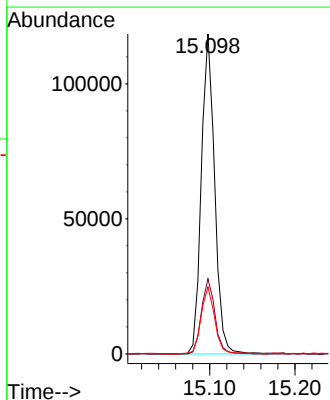
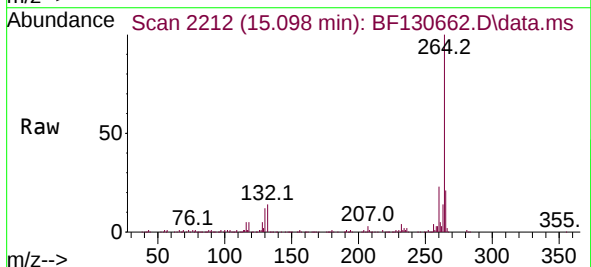
Manual Integrations
APPROVED

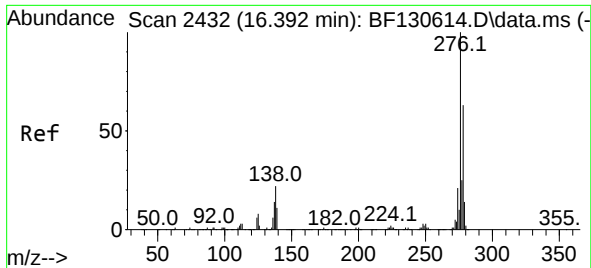
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

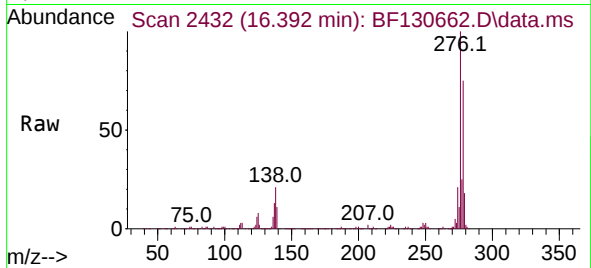
Tgt Ion:264 Resp: 128557
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 20.9 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.861 ng
RT: 16.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

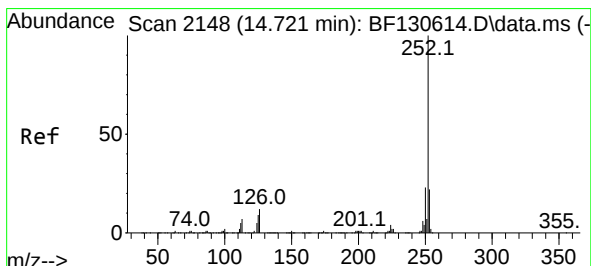
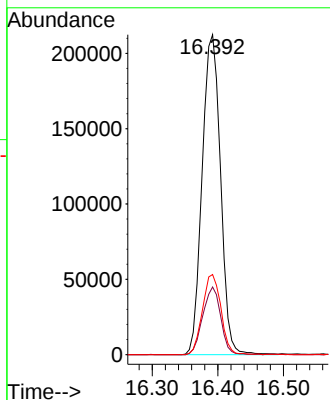
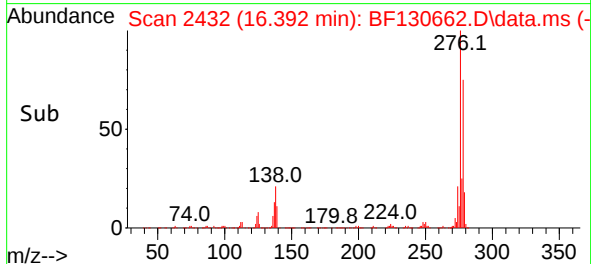
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



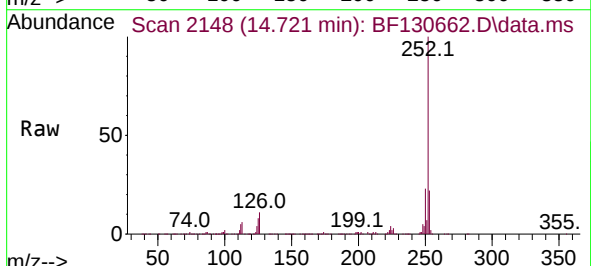
Tgt Ion: 276 Resp: 412410
Ion Ratio Lower Upper
276 100
138 20.6 18.0 27.0
277 25.1 20.0 30.0

Manual Integrations
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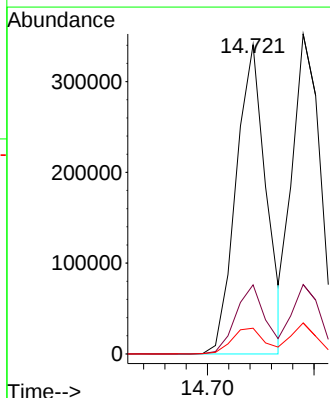
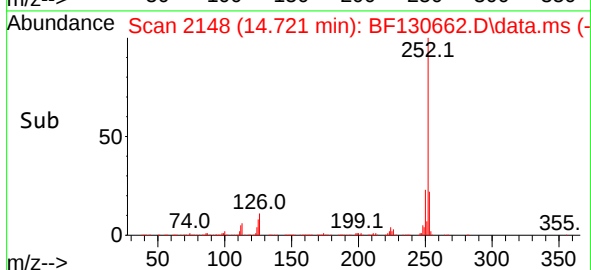
Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022

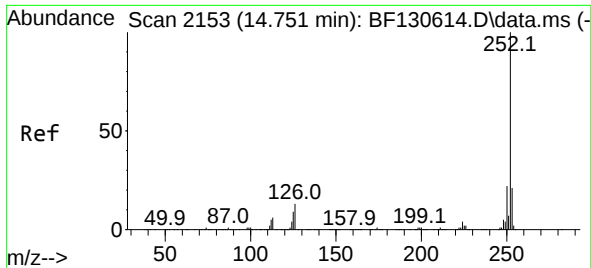


#88
Benzo(b)fluoranthene
Concen: 41.112 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion: 252 Resp: 334671
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.3 7.4 11.0





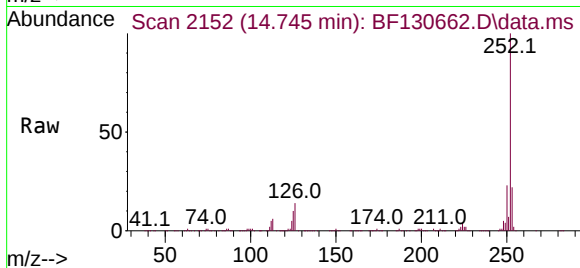
#89
Benzo(k)fluoranthene
Concen: 39.206 ng
RT: 14.745 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

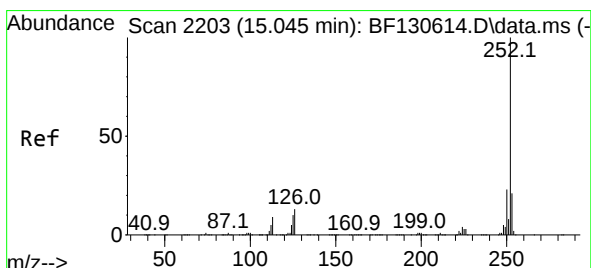
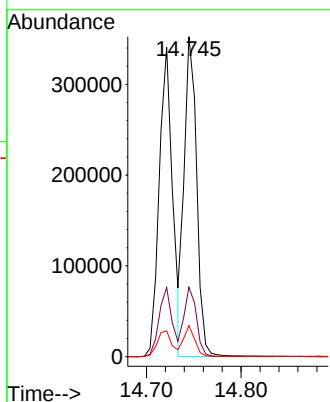
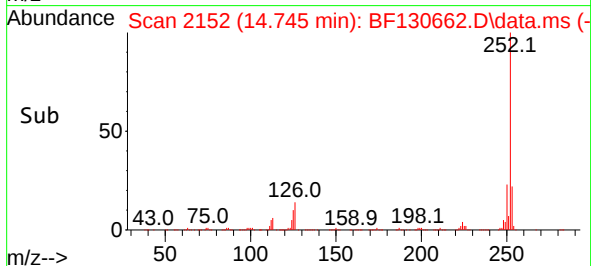


Tgt Ion:252 Resp: 324969
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.7 7.2 10.8

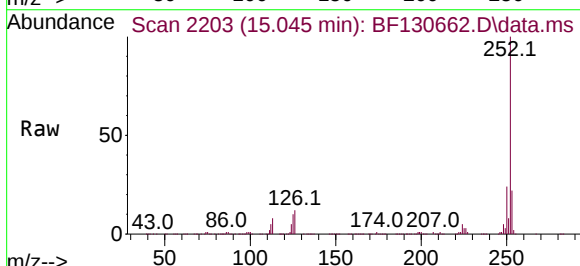
Manual Integrations

APPROVED

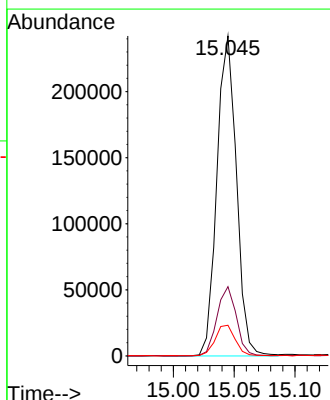
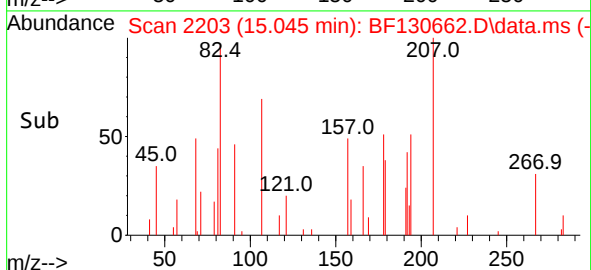
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

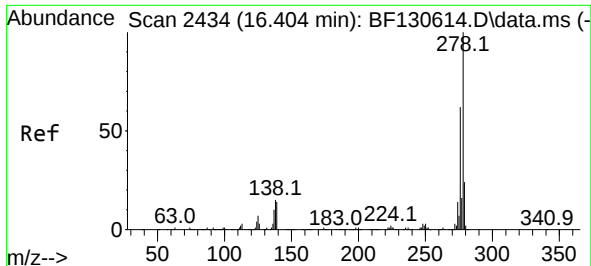


#90
Benzo(a)pyrene
Concen: 39.875 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF130662.D
Acq: 14 Oct 2022 12:04



Tgt Ion:252 Resp: 270159
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 42.877 ng

RT: 16.398 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 338179

Ion Ratio Lower Upper

278 100

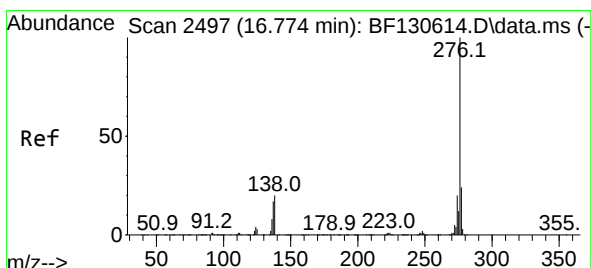
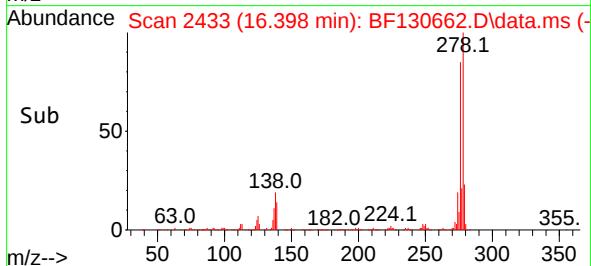
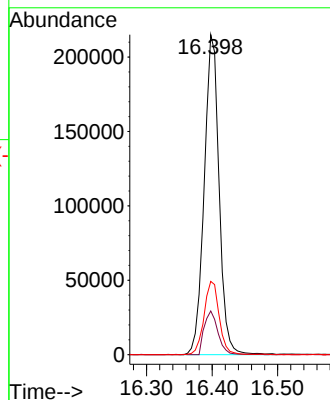
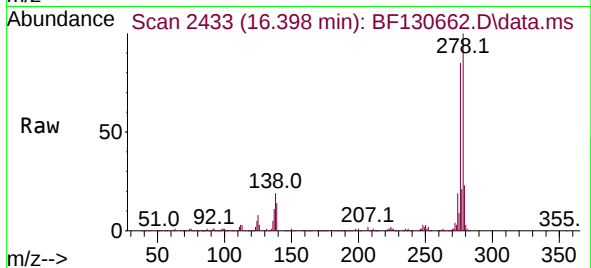
139 13.6 11.1 16.7

279 22.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#92

Benzo(g,h,i)perylene

Concen: 46.951 ng

RT: 16.774 min Scan# 2497

Delta R.T. 0.000 min

Lab File: BF130662.D

Acq: 14 Oct 2022 12:04

Tgt Ion:276 Resp: 344902

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 17.2 15.9 23.9

