

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
 Data File : BF126202.D
 Acq On : 15 Dec 2021 20:31
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121521

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/16/2021
 Supervised By : mohammad ahmed 12/17/2021

Quant Time: Dec 16 12:29:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201064	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	823236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	381854	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	594186	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	288633	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	282534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1146275	83.956	ng	0.00
7) Phenol-d6	6.440	99	1458831	84.150	ng	0.00
23) Nitrobenzene-d5	7.381	82	1291853	84.989	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	267267	87.093	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1670738	76.738	ng	0.00
79) Terphenyl-d14	12.922	244	1409467	84.877	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	287570	43.149	ng	# 100
3) Pyridine	3.269	79	770023	43.507	ng	# 80
4) n-Nitrosodimethylamine	3.216	42	293971	43.217	ng	# 1
6) Aniline	6.481	93	936596	42.533	ng	95
8) 2-Chlorophenol	6.598	128	592587	42.800	ng	87
9) Benzaldehyde	6.363	77	418517	40.006	ng	94
10) Phenol	6.451	94	827050m	42.500	ng	
11) bis(2-Chloroethyl)ether	6.551	93	638639	42.280	ng	96
12) 1,3-Dichlorobenzene	6.757	146	596533	42.712	ng	97
13) 1,4-Dichlorobenzene	6.834	146	596198	42.272	ng	96
14) 1,2-Dichlorobenzene	6.987	146	550014	42.177	ng	95
15) Benzyl Alcohol	6.957	79	540870	42.737	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1052816	42.591	ng	94
17) 2-Methylphenol	7.063	107	513929	42.372	ng	98
18) Hexachloroethane	7.334	117	238425	42.977	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	433232	40.707	ng	# 73
20) 3+4-Methylphenols	7.216	107	603674	42.100	ng	92
22) Acetophenone	7.228	105	785392	41.453	ng	# 95
24) Nitrobenzene	7.398	77	649828	42.825	ng	91
25) Isophorone	7.640	82	1199918	41.803	ng	# 87
26) 2-Nitrophenol	7.716	139	303687	44.396	ng	# 85
27) 2,4-Dimethylphenol	7.751	122	484953	41.746	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	780764	41.371	ng	# 97
29) 2,4-Dichlorophenol	7.951	162	441588	42.764	ng	92
30) 1,2,4-Trichlorobenzene	8.040	180	452143	42.332	ng	99
31) Naphthalene	8.122	128	1628591	42.302	ng	99
32) Benzoic acid	7.863	122	430756	43.042	ng	88
33) 4-Chloroaniline	8.169	127	696596	43.334	ng	98
34) Hexachlorobutadiene	8.245	225	224574	42.811	ng	97
35) Caprolactam	8.528	113	112667	43.903	ng	87
36) 4-Chloro-3-methylphenol	8.639	107	521275	42.795	ng	88
37) 2-Methylnaphthalene	8.810	142	1002405	42.279	ng	97
38) 1-Methylnaphthalene	8.910	142	972888	42.283	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	345400	41.910	ng	# 97
41) Hexachlorocyclopentadiene	8.969	237	206023	43.654	ng	95
43) 2,4,6-Trichlorophenol	9.087	196	272755	42.072	ng	94

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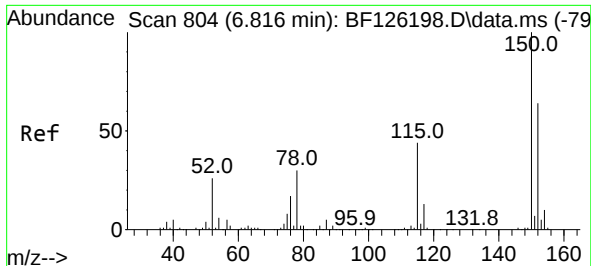
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288869	43.027	ng	94
46) 1,1'-Biphenyl	9.281	154	1183763	41.926	ng	97
47) 2-Chloronaphthalene	9.298	162	899721	42.353	ng	98
48) 2-Nitroaniline	9.392	65	335285	43.241	ng	92
49) Acenaphthylene	9.716	152	1380109	42.517	ng	97
50) Dimethylphthalate	9.581	163	1015381	41.978	ng	98
51) 2,6-Dinitrotoluene	9.634	165	231298	44.179	ng	# 81
52) Acenaphthene	9.886	154	884848	42.034	ng	100
53) 3-Nitroaniline	9.804	138	290680	43.682	ng	# 81
54) 2,4-Dinitrophenol	9.904	184	99134	45.986	ng	# 77
55) Dibenzofuran	10.057	168	1216663	42.451	ng	99
56) 4-Nitrophenol	9.951	139	220853	45.947	ng	# 83
57) 2,4-Dinitrotoluene	10.034	165	301400	45.130	ng	# 91
58) Fluorene	10.404	166	805798	38.836	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	212007	42.589	ng	# 97
60) Diethylphthalate	10.281	149	1032857	42.490	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	365325	39.105	ng	98
62) 4-Nitroaniline	10.410	138	243241	43.574	ng	# 75
63) Azobenzene	10.557	77	1256554	42.678	ng	84
65) 4,6-Dinitro-2-methylph...	10.439	198	143928	44.359	ng	86
66) n-Nitrosodiphenylamine	10.516	169	795408	41.711	ng	97
67) 4-Bromophenyl-phenylether	10.886	248	233195	41.817	ng	93
68) Hexachlorobenzene	10.951	284	266381	41.533	ng	# 84
69) Atrazine	11.039	200	152907	43.755	ng	95
70) Pentachlorophenol	11.133	266	159747	44.896	ng	93
71) Phenanthrene	11.363	178	1271816	41.471	ng	97
72) Anthracene	11.410	178	1299514	42.217	ng	98
73) Carbazole	11.563	167	1230445	42.446	ng	100
74) Di-n-butylphthalate	11.904	149	1546253	42.077	ng	100
75) Fluoranthene	12.545	202	1146647	41.499	ng	93
77) Benzidine	12.663	184	194020	42.638	ng	96
78) Pyrene	12.775	202	1157991	43.669	ng	97
80) Butylbenzylphthalate	13.398	149	546816	43.821	ng	# 80
81) Benzo(a)anthracene	13.957	228	749640	43.846	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	337441	43.201	ng	# 96
83) Chrysene	13.998	228	782728	44.063	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	593481	42.561	ng	99
85) Di-n-octyl phthalate	14.574	149	1071133	43.091	ng	99
87) Indeno(1,2,3-cd)pyrene	16.833	276	894158	47.447	ng	93
88) Benzo(b)fluoranthene	14.992	252	697916m	41.112	ng	
89) Benzo(k)fluoranthene	15.021	252	728942	44.886	ng	# 95
90) Benzo(a)pyrene	15.351	252	620766	43.997	ng	# 96
91) Dibenzo(a,h)anthracene	16.857	278	721731	47.112	ng	# 94
92) Benzo(g,h,i)perylene	17.268	276	759818	47.937	ng	93

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



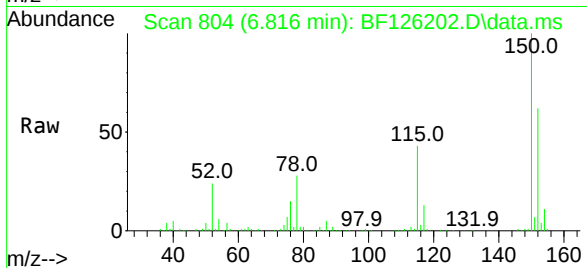
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

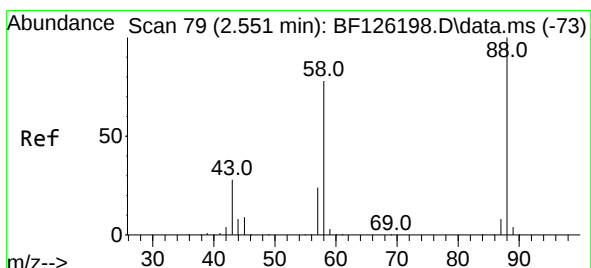
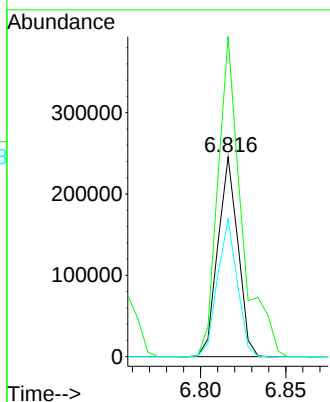
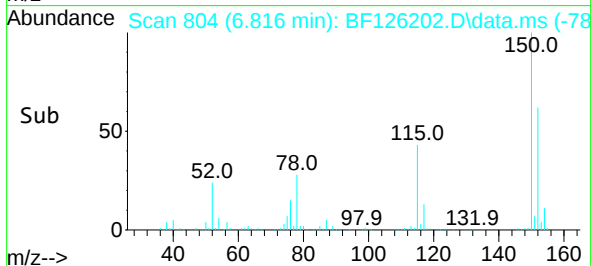


Tgt Ion:152 Resp: 201064
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 69.0 47.1 70.7

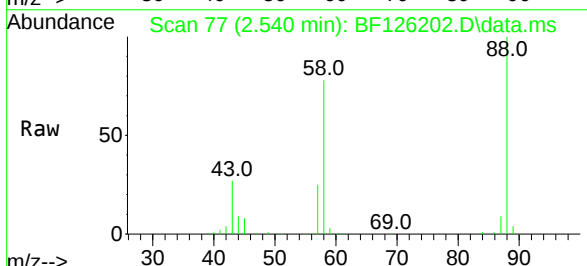
Manual Integrations

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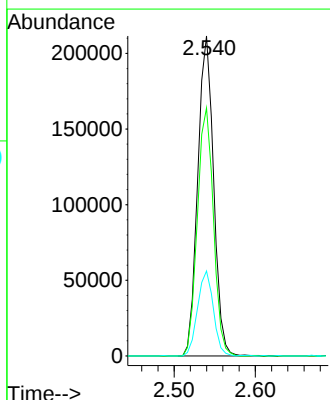
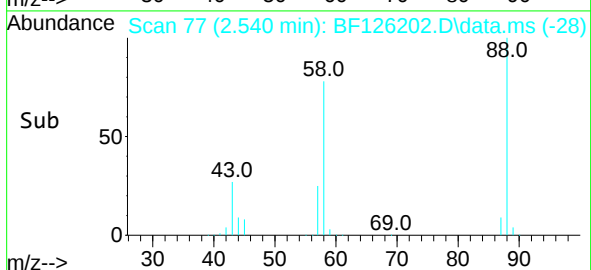
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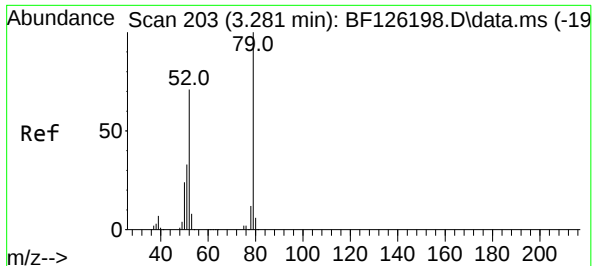


#2
1,4-Dioxane
Concen: 43.149 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.011 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



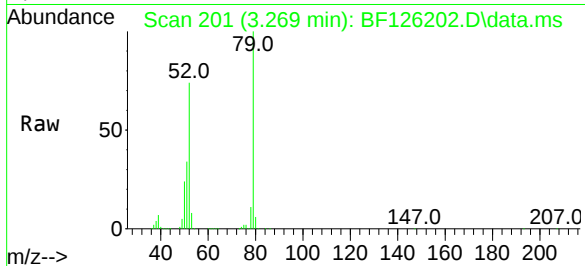
Tgt Ion: 88 Resp: 287570
Ion Ratio Lower Upper
88 100
58 78.3 0.0 0.0#
43 26.4 0.0 0.0#





#3
Pyridine
Concen: 43.507 ng
RT: 3.269 min Scan# 203
Delta R.T. -0.012 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

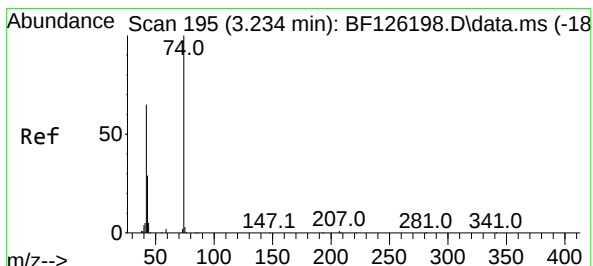
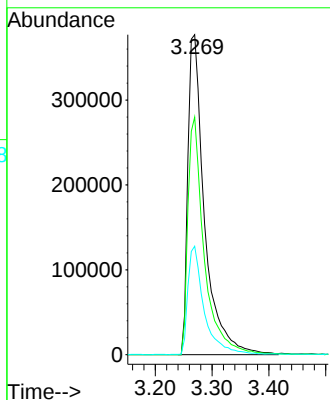
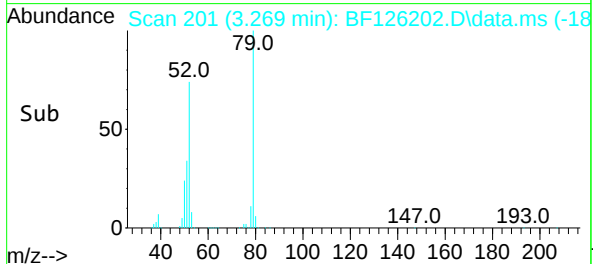
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ICVBF121521



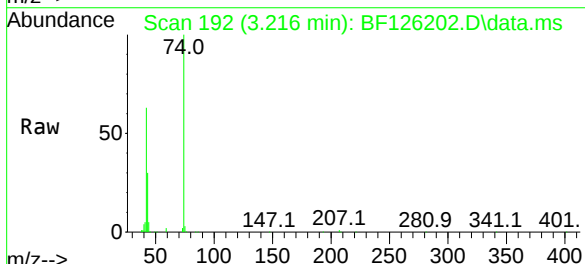
Tgt Ion: 79 Resp: 770023
Ion Ratio Lower Upper
79 100
52 74.2 70.3 105.5
51 33.9 44.1 66.1

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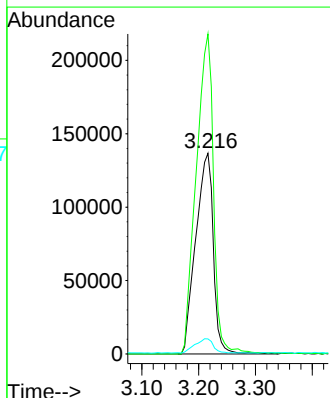
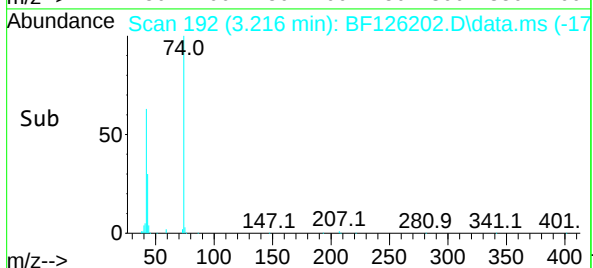
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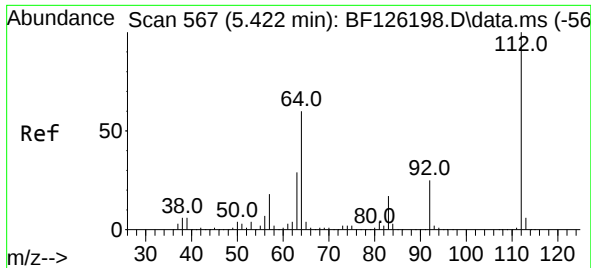


#4
n-Nitrosodimethylamine
Concen: 43.217 ng
RT: 3.216 min Scan# 192
Delta R.T. -0.017 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion: 42 Resp: 293971
Ion Ratio Lower Upper
42 100
74 159.5 59.0 88.6#
44 7.5 0.0 0.0#





#5
2-Fluorophenol
Concen: 83.956 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

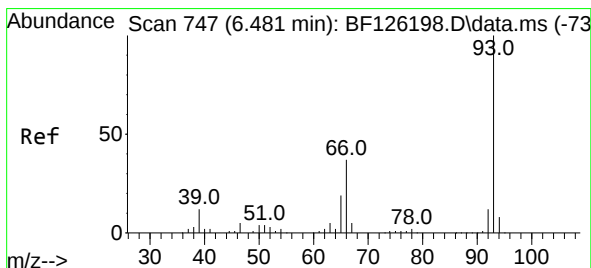
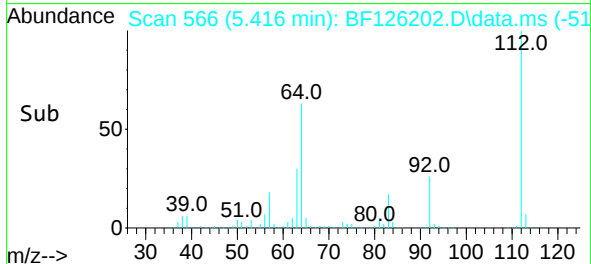
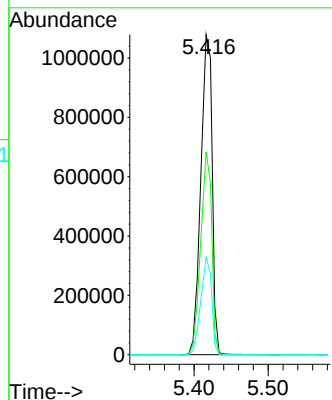
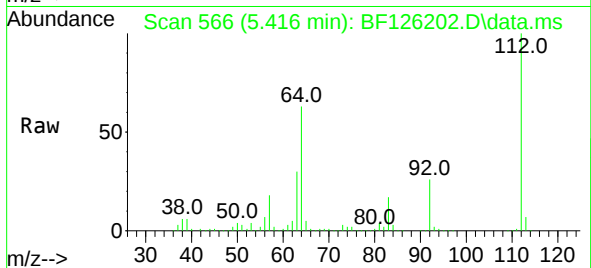
ICVBF121521

Tgt Ion:112 Resp: 114627
Ion Ratio Lower Upper
112 100
64 63.3 44.2 66.2
63 30.5 26.2 39.2

Manual Integrations

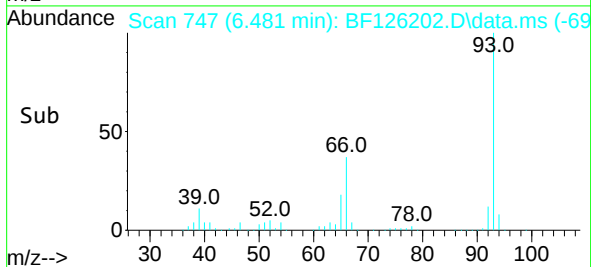
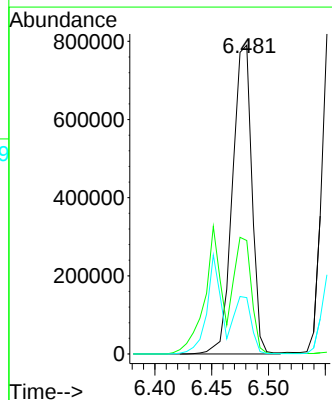
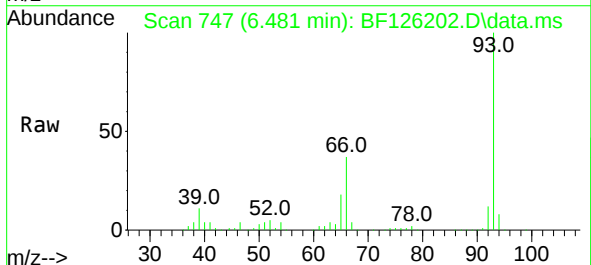
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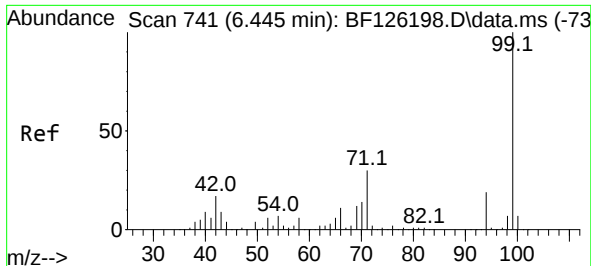
Reviewed By :Christian Giraldo 12/16/2021
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#6
Aniline
Concen: 42.533 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

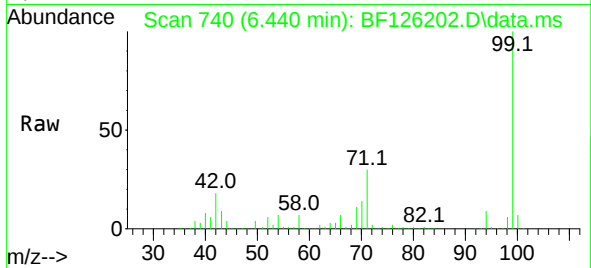
Tgt Ion: 93 Resp: 936596
Ion Ratio Lower Upper
93 100
66 36.7 32.7 49.1
65 18.2 14.2 21.4





#7
Phenol-d6
Concen: 84.150 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

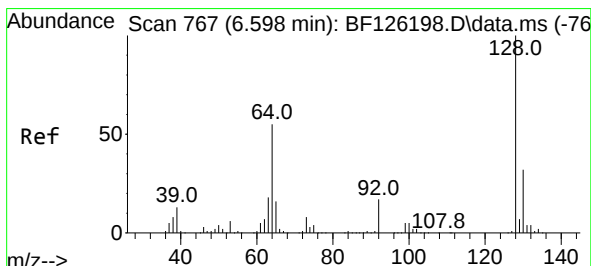
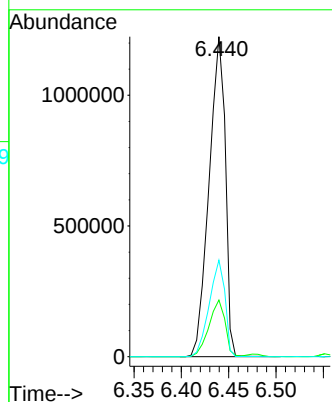
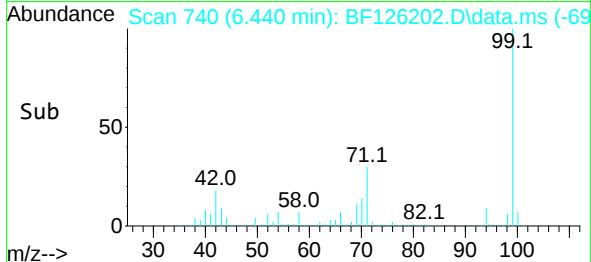
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Tgt Ion: 99 Resp: 145883
Ion Ratio Lower Upper
99 100
42 17.7 23.5 35.3
71 30.2 25.6 38.4

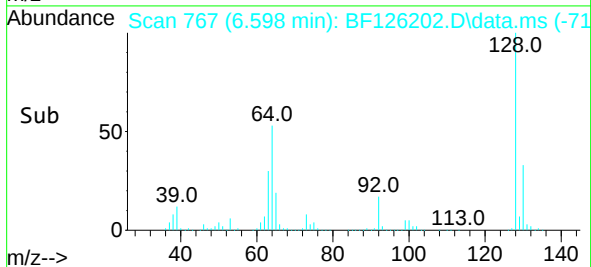
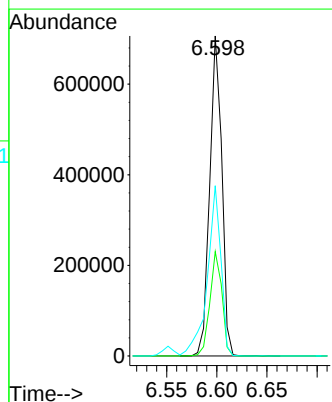
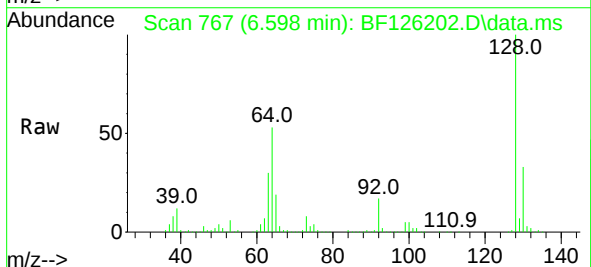
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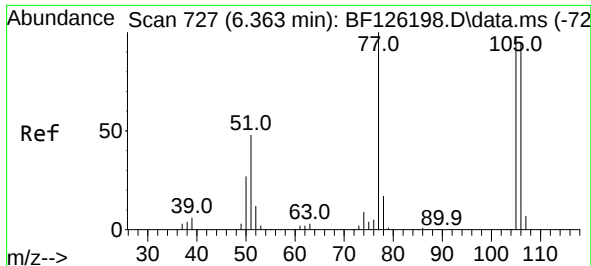
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#8
2-Chlorophenol
Concen: 42.800 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

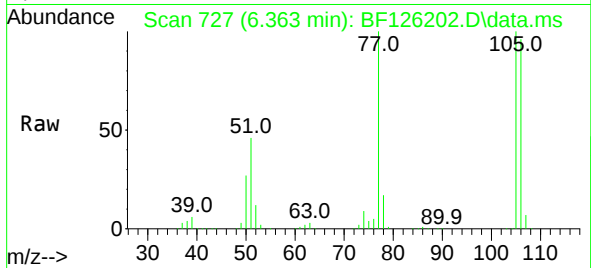
Tgt Ion:128 Resp: 592587
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 53.2 20.3 60.3





#9
Benzaldehyde
Concen: 40.006 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

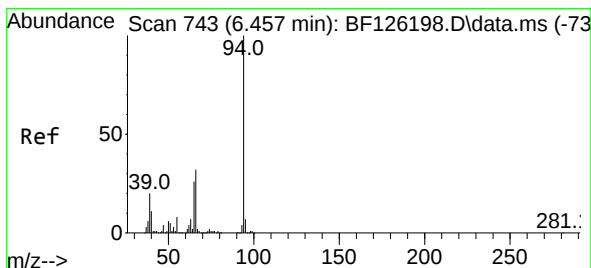
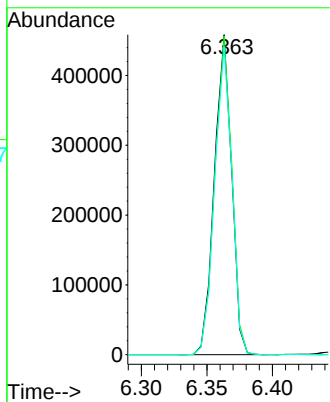
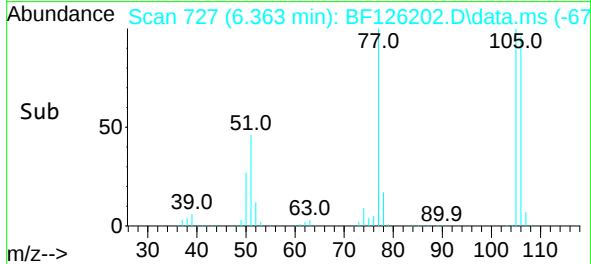
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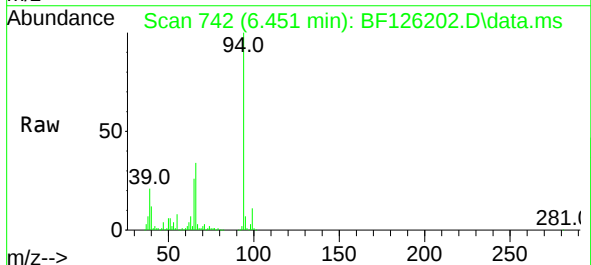
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Ion Ratio Lower Upper
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105 99.6 75.9 115.9
106 96.3 84.0 124.0

Manual Integrations
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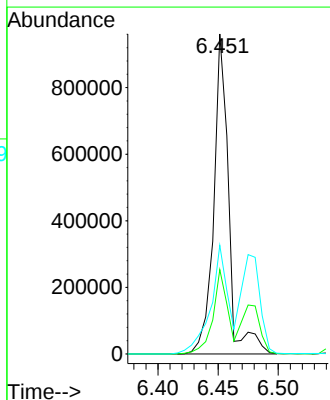
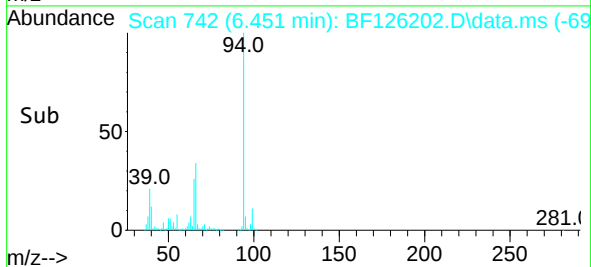
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

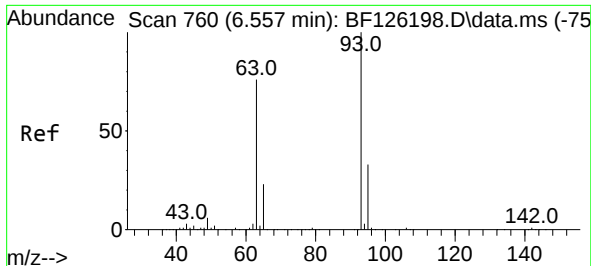


#10
Phenol
Concen: 42.500 ng m
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion: 94 Resp: 827050
Ion Ratio Lower Upper
94 100
65 26.4 9.3 49.3
66 34.0 20.3 60.3





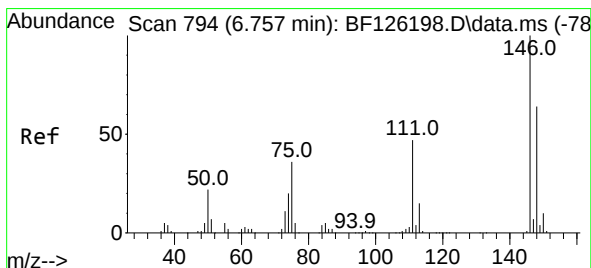
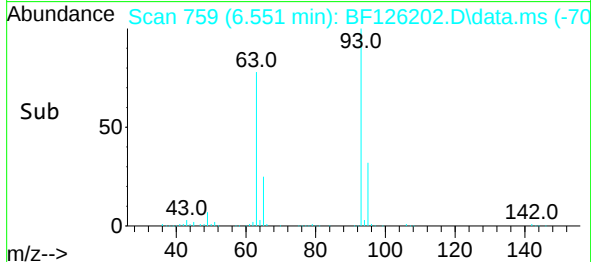
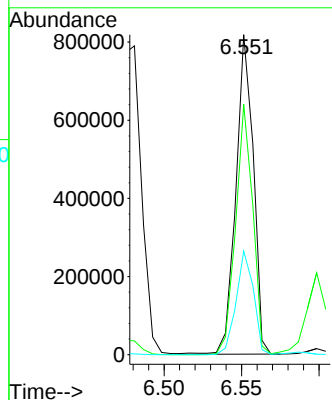
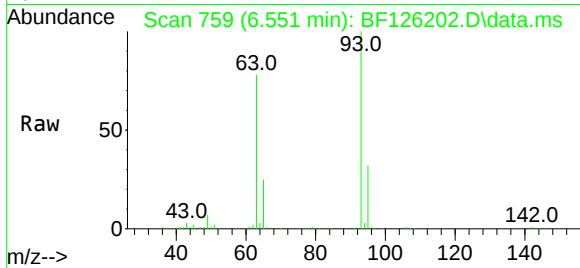
#11
bis(2-Chloroethyl)ether
Concen: 42.280 ng
RT: 6.551 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Tgt Ion: 93 Resp: 638639
Ion Ratio Lower Upper
93 100
63 78.2 54.4 94.4
95 32.4 11.4 51.4

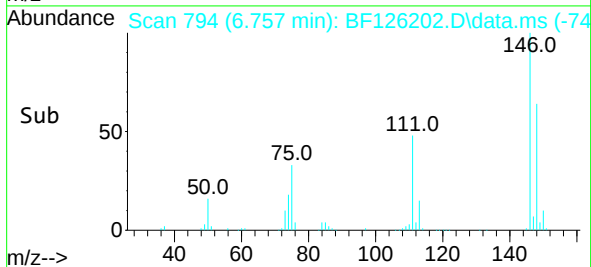
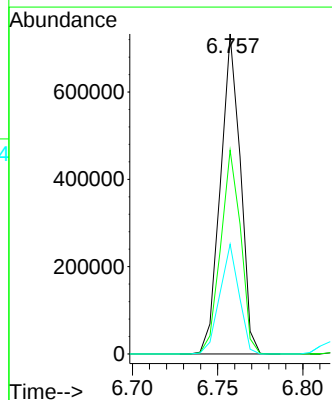
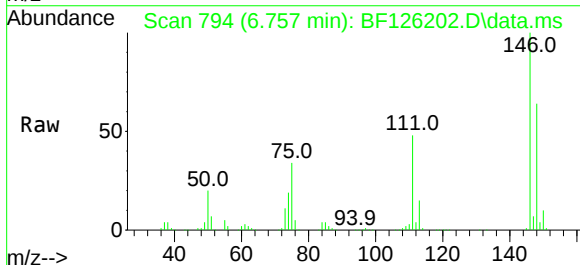
Manual Integrations
APPROVED

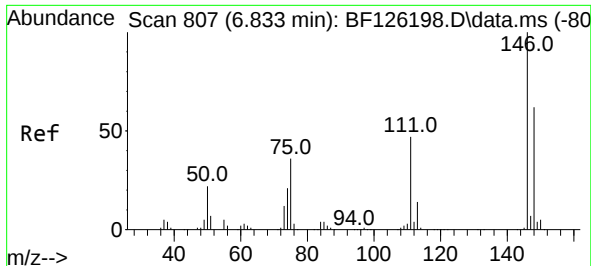
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#12
1,3-Dichlorobenzene
Concen: 42.712 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:146 Resp: 596533
Ion Ratio Lower Upper
146 100
148 63.7 49.7 74.5
75 34.3 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 42.272 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

Tgt Ion:146 Resp: 596198

Ion Ratio Lower Upper

146 100

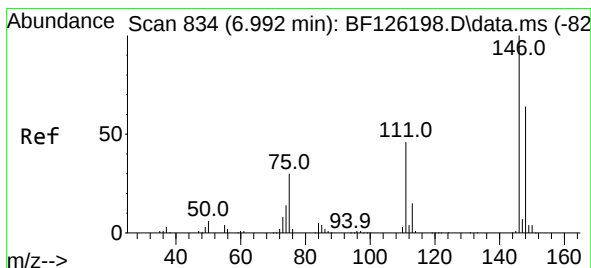
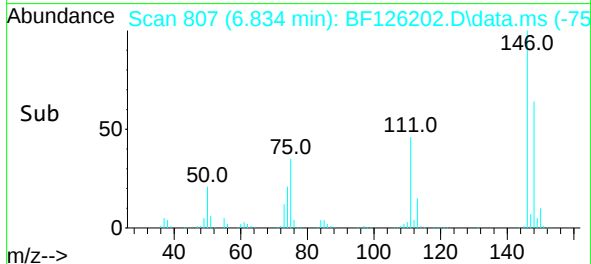
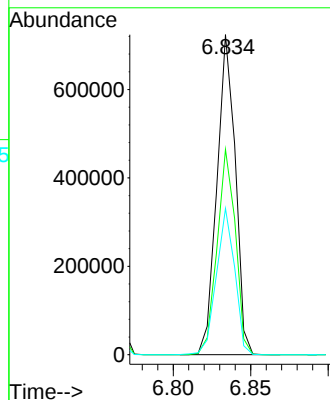
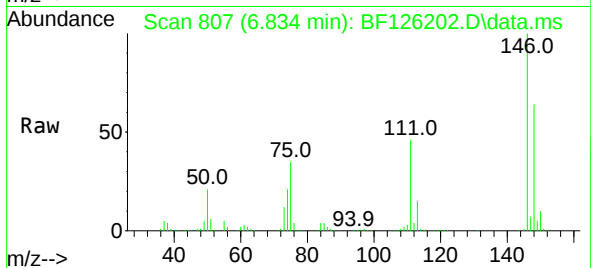
148 64.1 51.9 77.9

111 45.7 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#14

1,2-Dichlorobenzene

Concen: 42.177 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

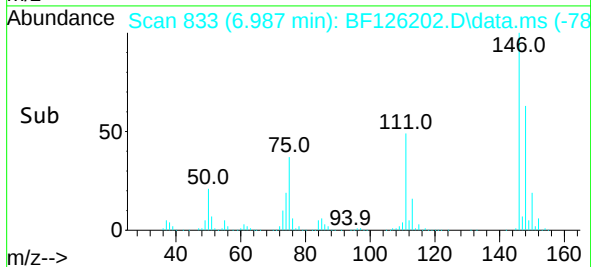
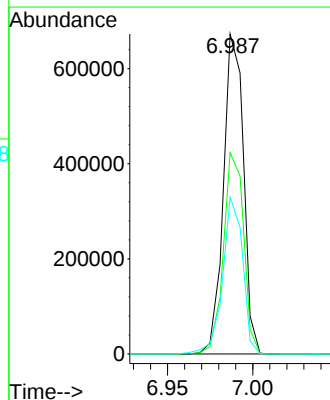
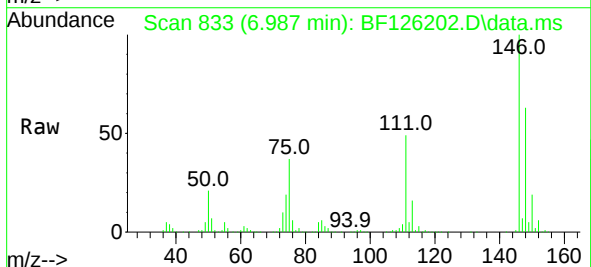
Tgt Ion:146 Resp: 550014

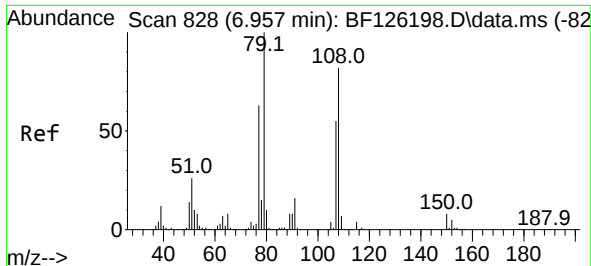
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

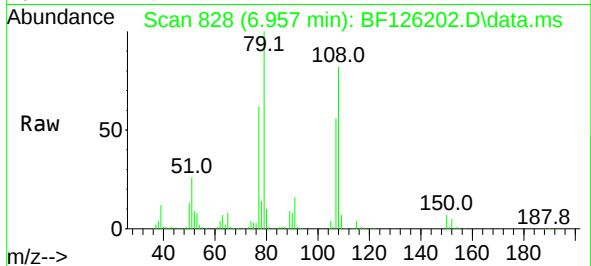
111 49.0 33.5 50.3





#15
Benzyl Alcohol
Concen: 42.737 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

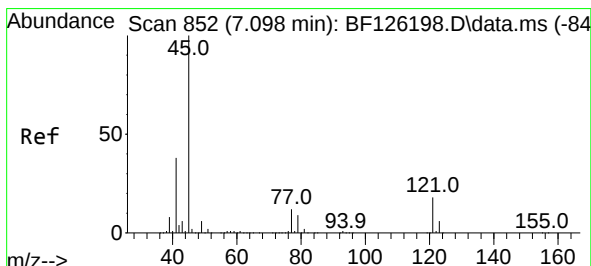
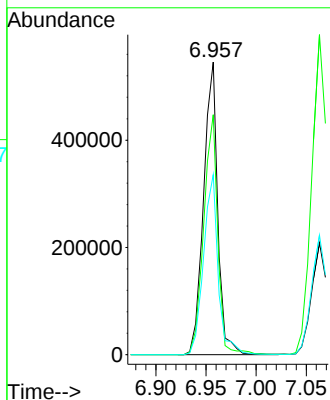
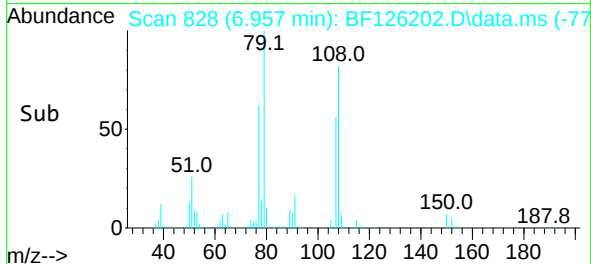
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion: 79 Resp: 540870
Ion Ratio Lower Upper
79 100
108 82.0 60.4 90.6
77 61.5 51.5 77.3

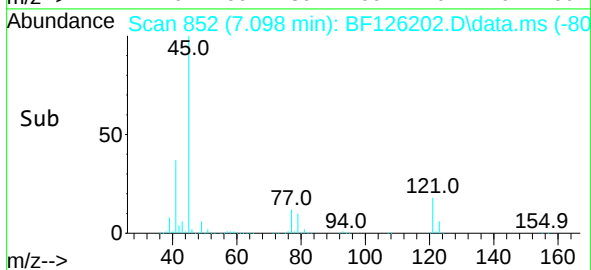
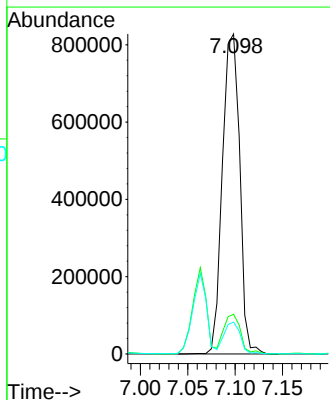
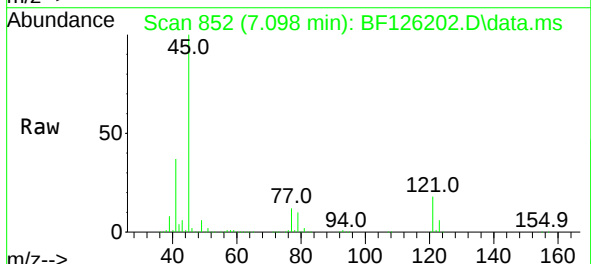
Manual Integrations
APPROVED

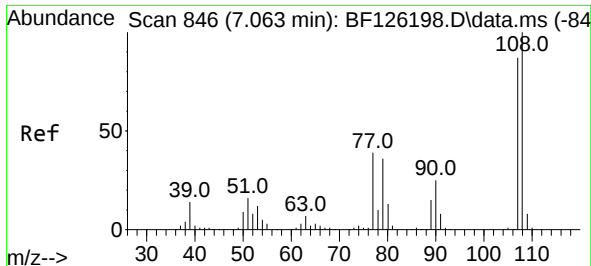
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.591 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

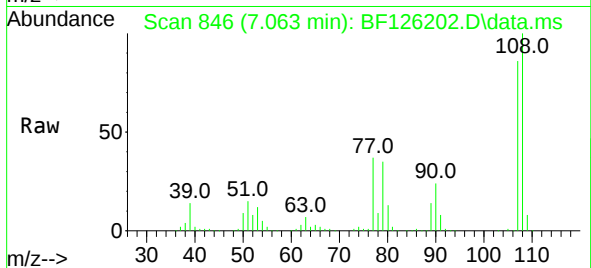
Tgt Ion: 45 Resp: 1052816
Ion Ratio Lower Upper
45 100
77 12.4 0.0 30.6
79 10.0 0.0 27.5





#17
2-Methylphenol
Concen: 42.372 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

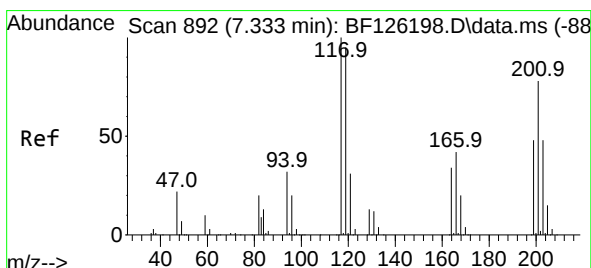
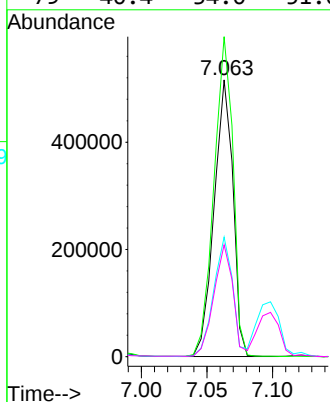
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion:	107	Resp:	513929
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.6	135.8
77	43.2	35.7	53.5
79	40.4	34.0	51.0

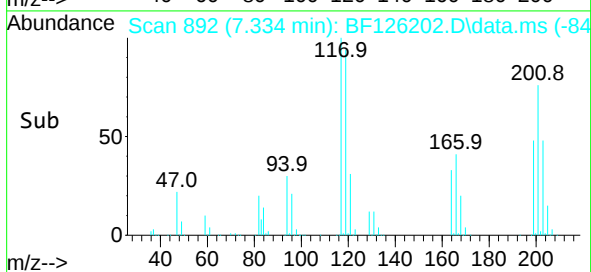
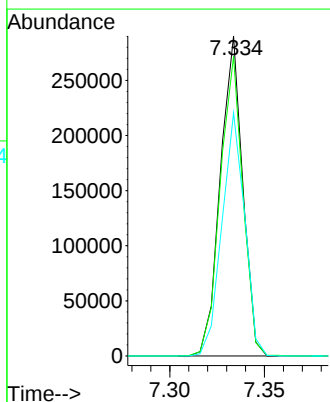
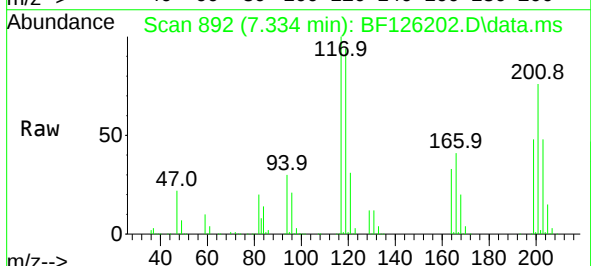
Manual Integrations
APPROVED

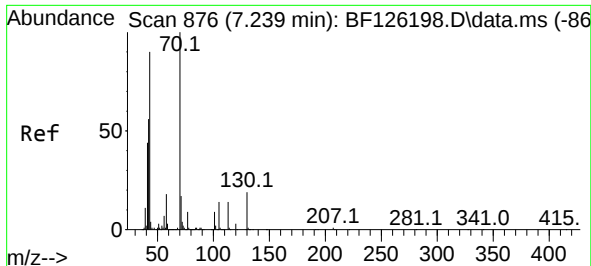
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#18
Hexachloroethane
Concen: 42.977 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:	117	Resp:	238425
Ion Ratio	Lower	Upper	
117	100		
119	93.7	73.4	110.2
201	76.0	64.9	97.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.707 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126202.D

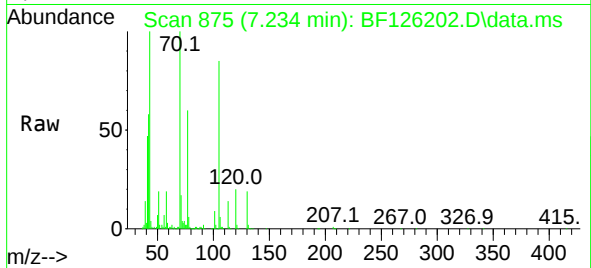
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521



Tgt Ion: 70 Resp: 43323

Ion Ratio Lower Upper

70 100

42 58.4 72.2 108.2

101 9.3 7.8 11.8

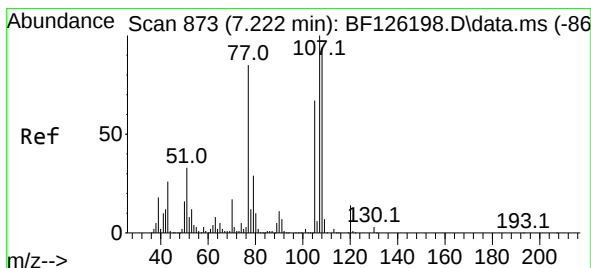
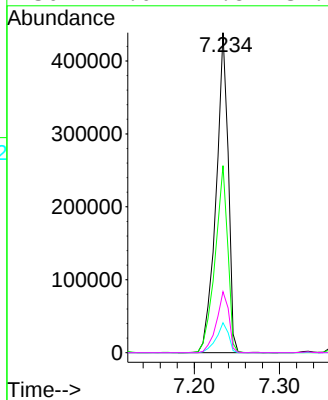
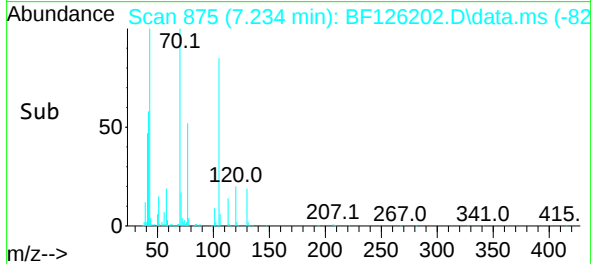
130 19.0 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021

Supervised By :mohammad ahmed 12/17/2021



#20

3+4-Methylphenols

Concen: 42.100 ng

RT: 7.216 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Tgt Ion:107 Resp: 603674

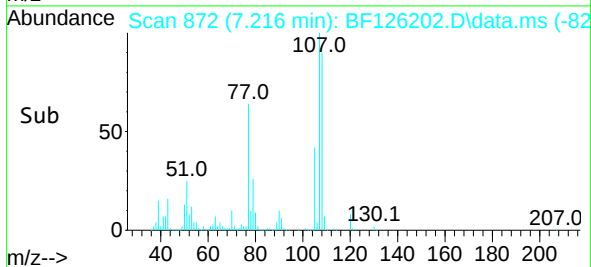
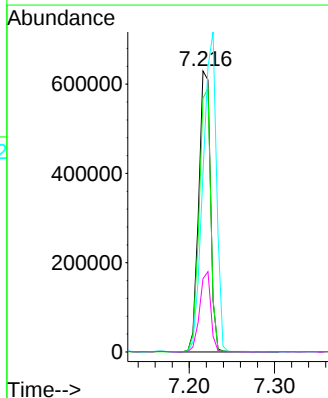
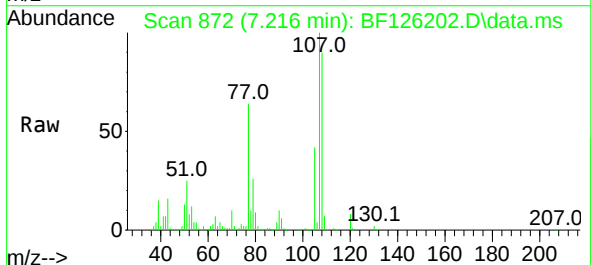
Ion Ratio Lower Upper

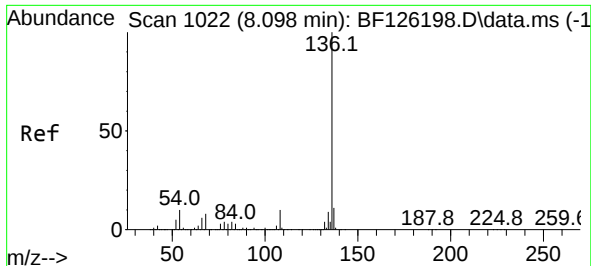
107 100

108 90.3 76.6 116.6

77 63.7 53.3 93.3

79 26.1 8.7 48.7





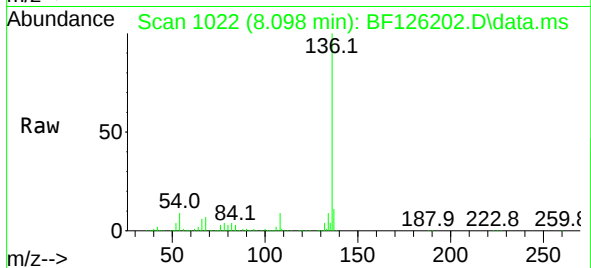
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

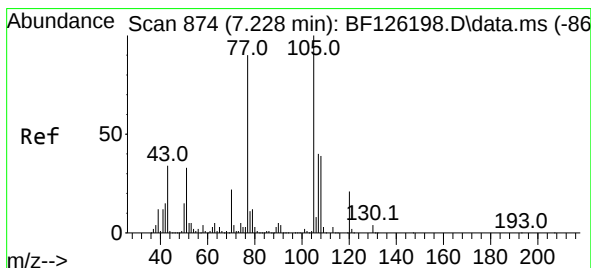
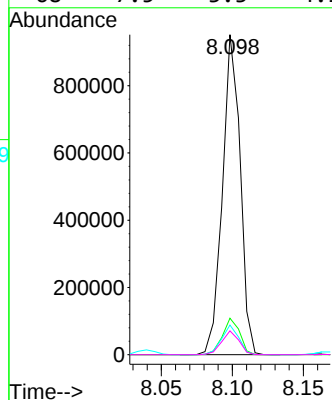


Tgt Ion:136 Resp: 823230
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 9.3 6.4 9.6
68 7.5 3.3 4.9#

Manual Integrations

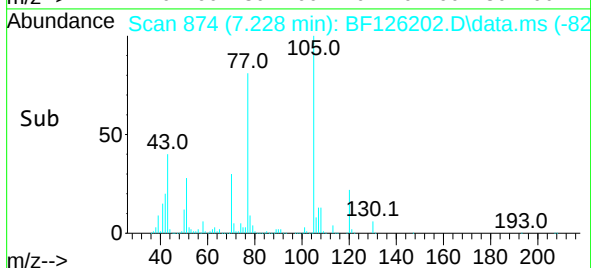
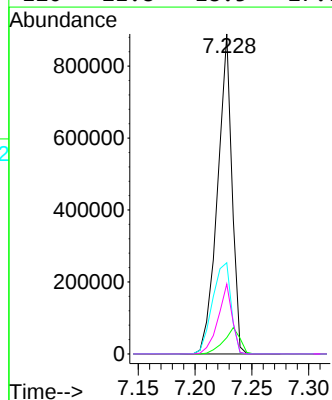
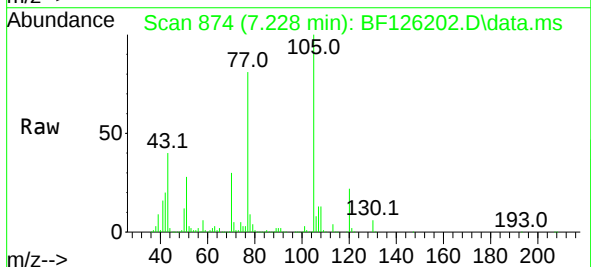
APPROVED

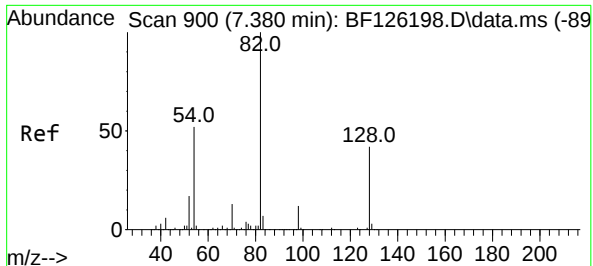
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#22
Acetophenone
Concen: 41.453 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:105 Resp: 785392
Ion Ratio Lower Upper
105 100
71 5.1 5.5 8.3#
51 28.5 26.0 39.0
120 21.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 84.989 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

Tgt Ion: 82 Resp: 129185

Ion Ratio Lower Upper

82 100

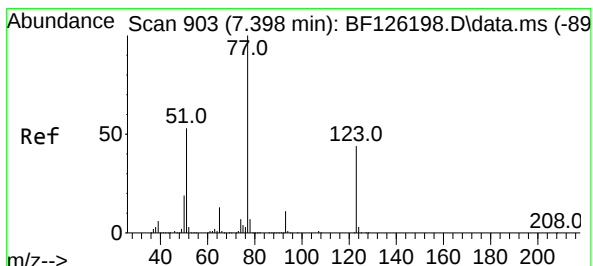
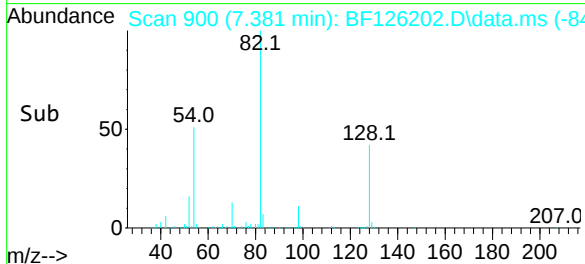
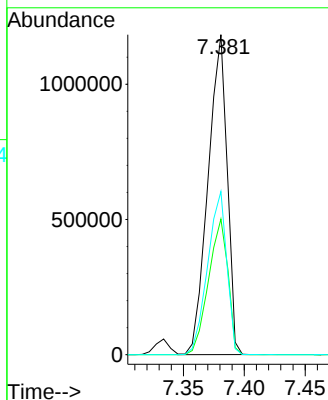
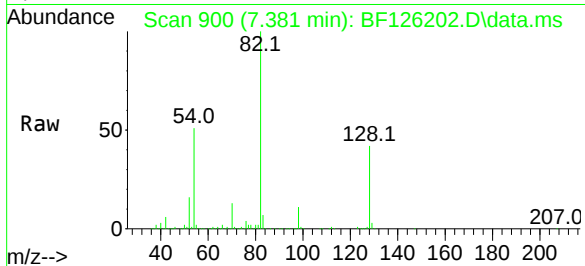
128 42.4 40.6 60.8

54 51.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#24

Nitrobenzene

Concen: 42.825 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

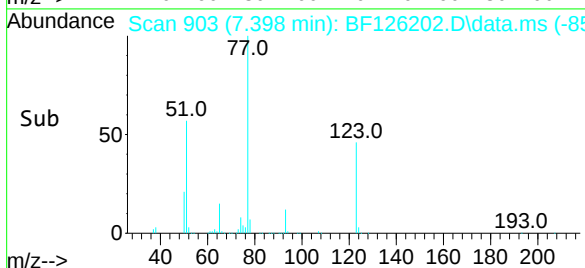
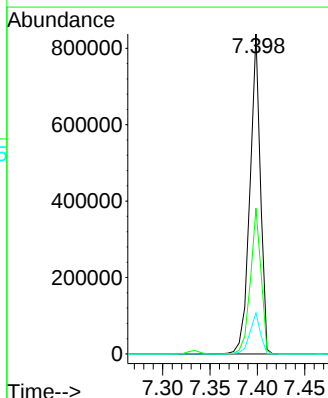
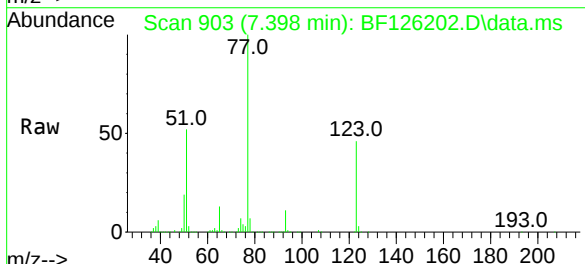
Tgt Ion: 77 Resp: 649828

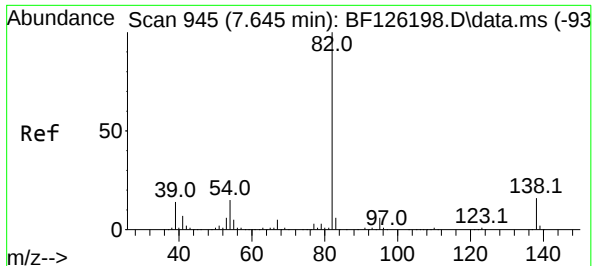
Ion Ratio Lower Upper

77 100

123 45.5 42.3 63.5

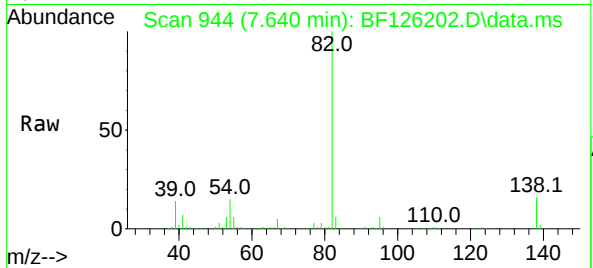
65 12.9 12.4 18.6





#25
Isophorone
Concen: 41.803 ng
RT: 7.640 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

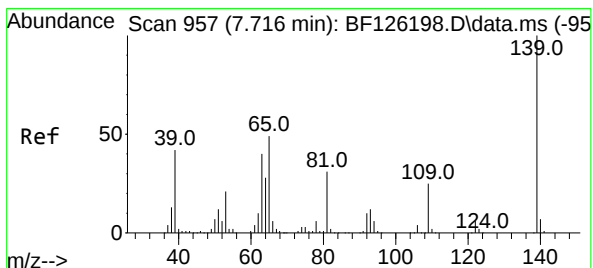
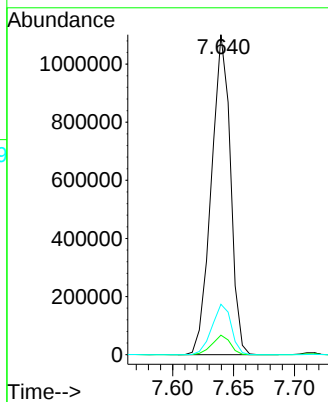
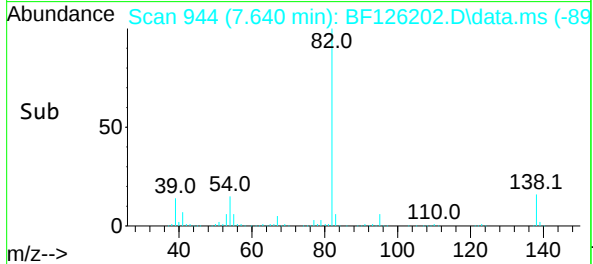
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion: 82 Resp: 1199918
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7
138 15.8 18.4 27.6

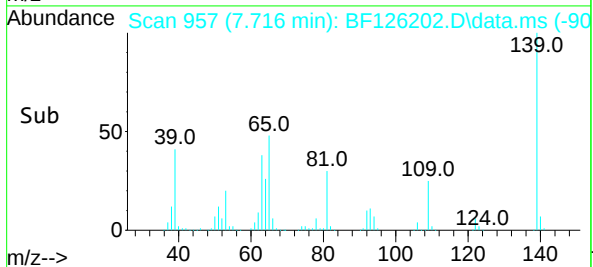
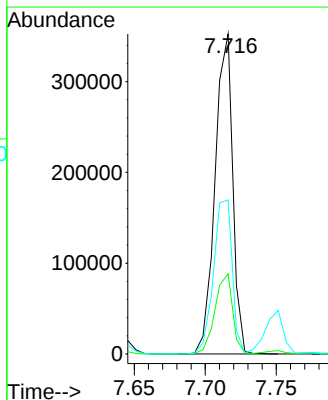
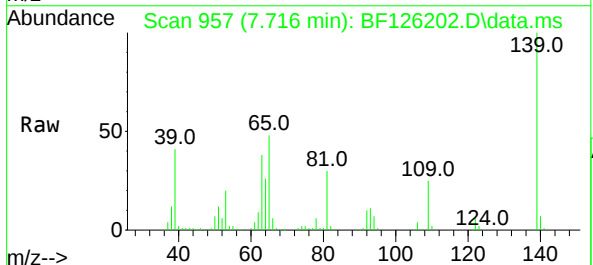
Manual Integrations
APPROVED

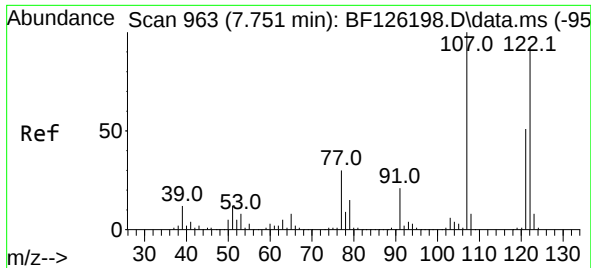
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#26
2-Nitrophenol
Concen: 44.396 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:139 Resp: 303687
Ion Ratio Lower Upper
139 100
109 25.0 26.0 39.0#
65 48.2 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 41.746 ng

RT: 7.751 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

Tgt Ion:122 Resp: 48495

Ion Ratio Lower Upper

122 100

107 110.6 85.0 127.6

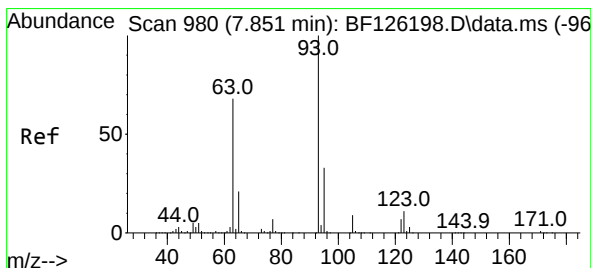
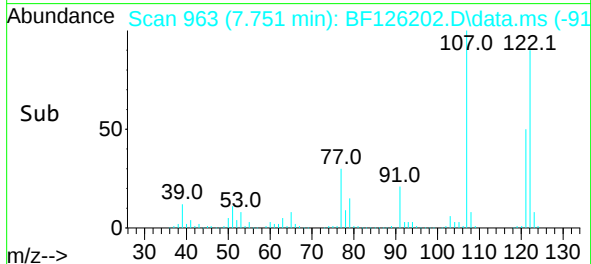
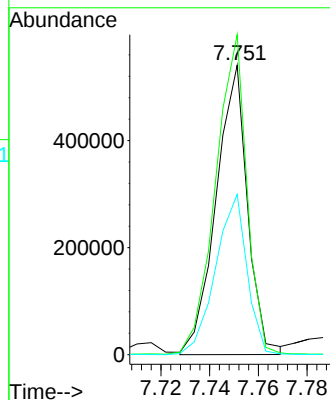
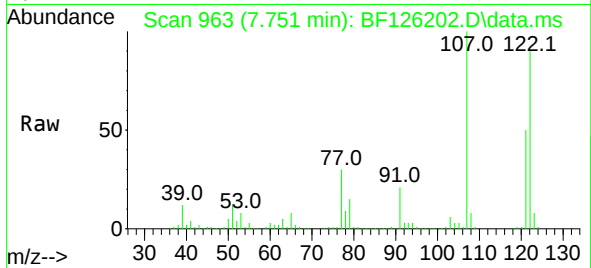
121 55.4 43.3 64.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021

Supervised By :mohammad ahmed 12/17/2021



#28

bis(2-Chloroethoxy)methane

Concen: 41.371 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

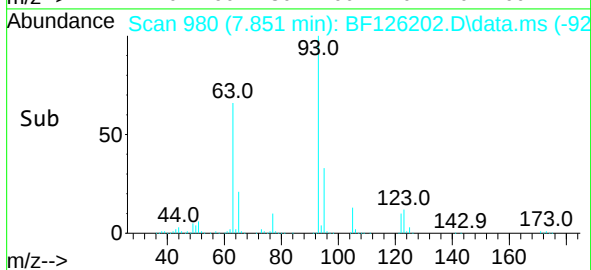
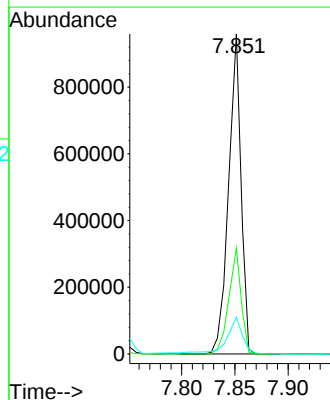
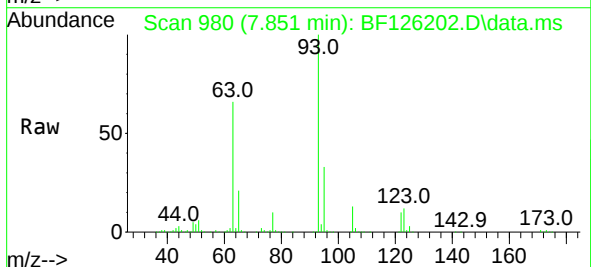
Tgt Ion: 93 Resp: 780764

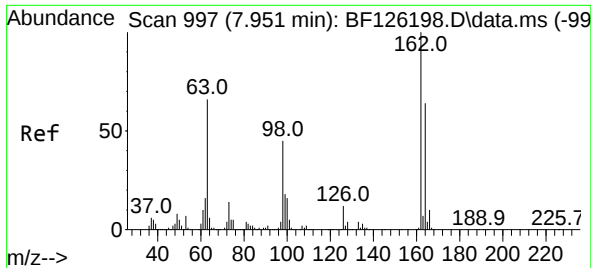
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.5 11.7 17.5#





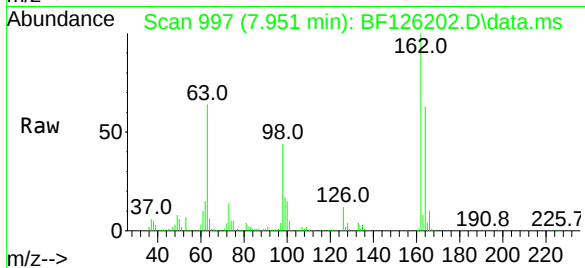
#29
2,4-Dichlorophenol
Concen: 42.764 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

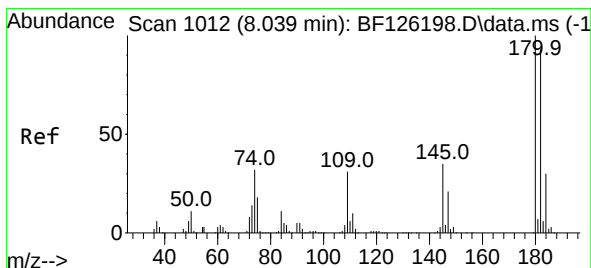
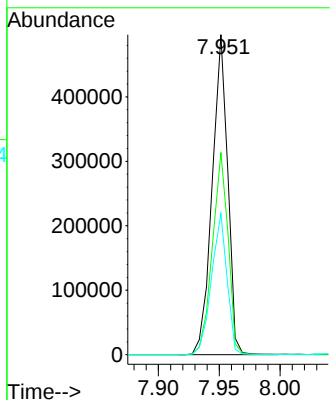
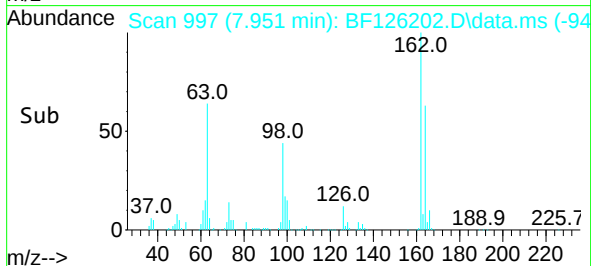
ICVBF121521



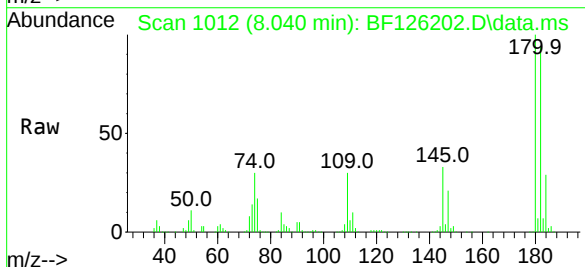
Tgt Ion:162 Resp: 441588
Ion Ratio Lower Upper
162 100
164 63.2 44.5 84.5
98 44.2 13.0 53.0

Manual Integrations
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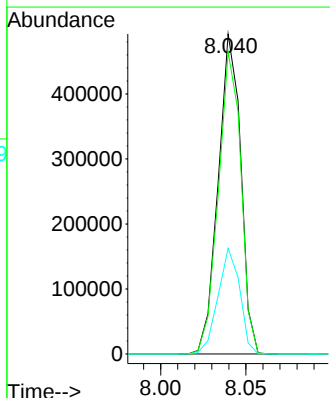
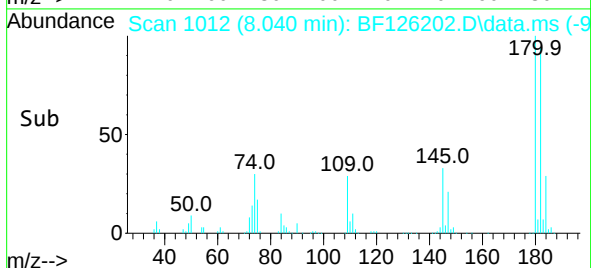
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

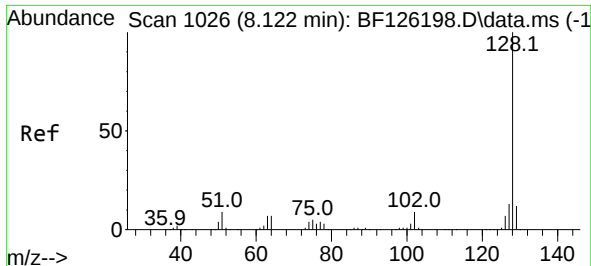


#30
1,2,4-Trichlorobenzene
Concen: 42.332 ng
RT: 8.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



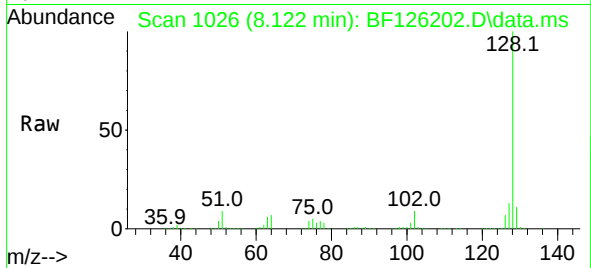
Tgt Ion:180 Resp: 452143
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 33.0 26.7 40.1





#31
Naphthalene
Concen: 42.302 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

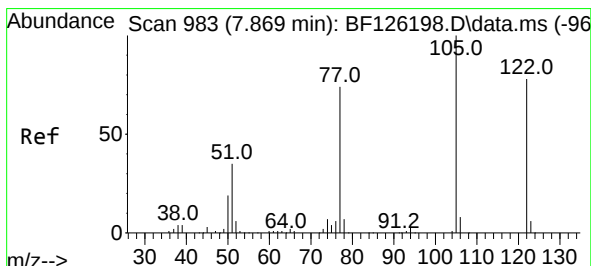
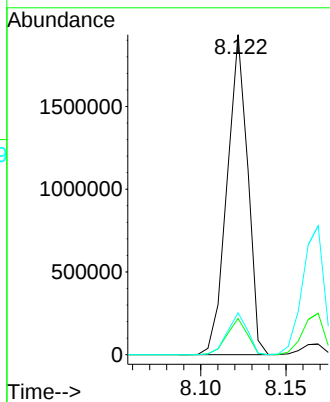
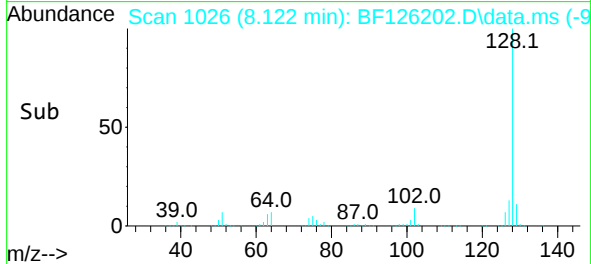
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



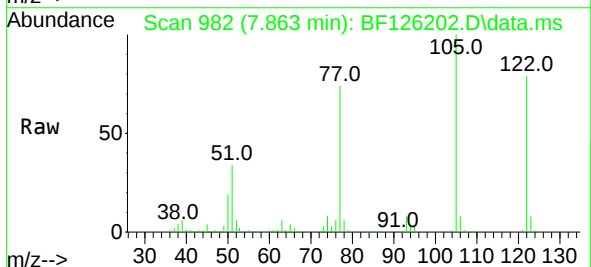
Tgt Ion:128 Resp: 162859
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.1 10.9 16.3

Manual Integrations
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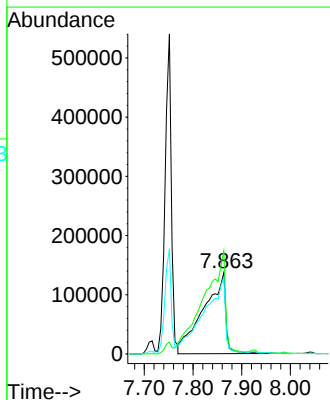
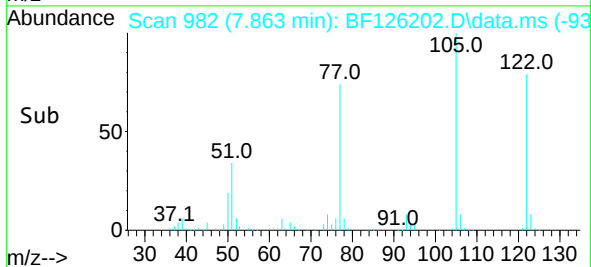
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

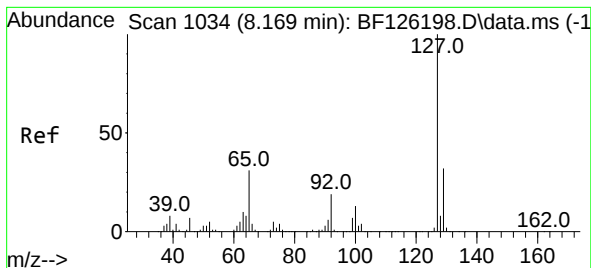


#32
Benzoic acid
Concen: 43.042 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:122 Resp: 430756
Ion Ratio Lower Upper
122 100
105 127.2 97.6 137.6
77 94.1 59.6 99.6





#33
4-Chloroaniline
Concen: 43.334 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

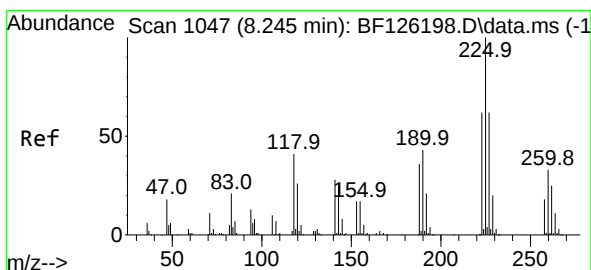
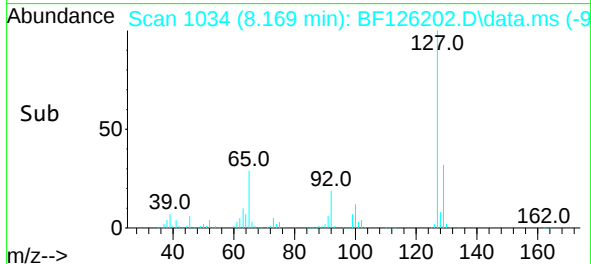
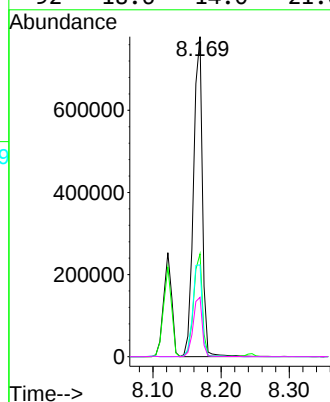
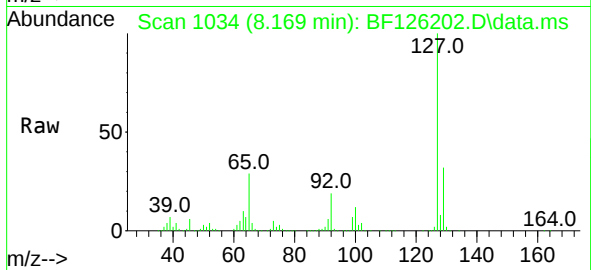
ICVBF121521

Tgt Ion:127 Resp: 696590
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 28.7 21.2 31.8
92 18.6 14.0 21.0

Manual Integrations

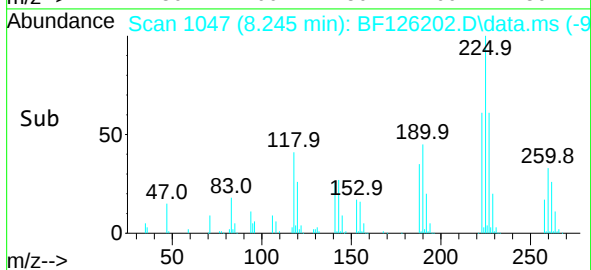
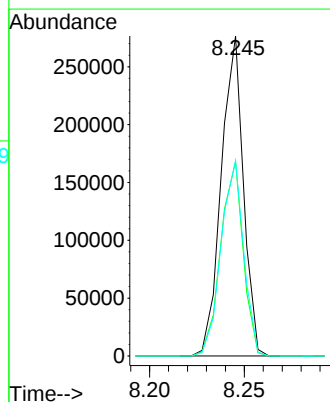
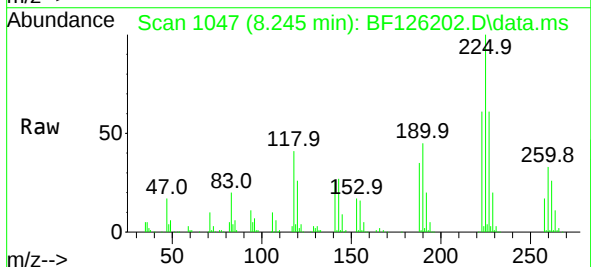
APPROVED

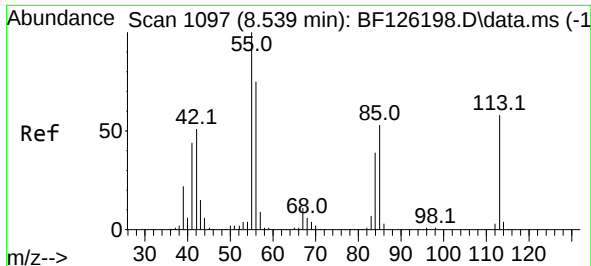
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#34
Hexachlorobutadiene
Concen: 42.811 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:225 Resp: 224574
Ion Ratio Lower Upper
225 100
223 60.7 50.6 76.0
227 61.1 50.6 75.8





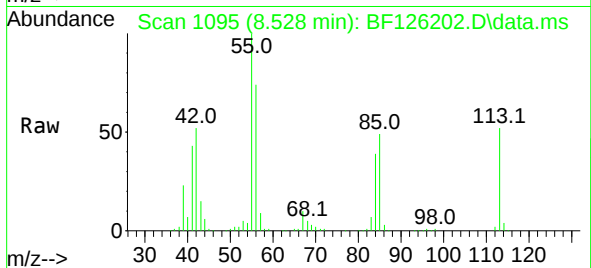
#35
Caprolactam
Concen: 43.903 ng
RT: 8.528 min Scan# 1109
Delta R.T. -0.011 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

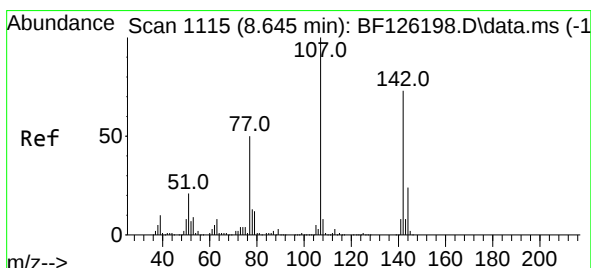
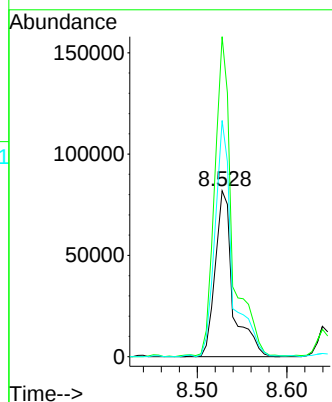
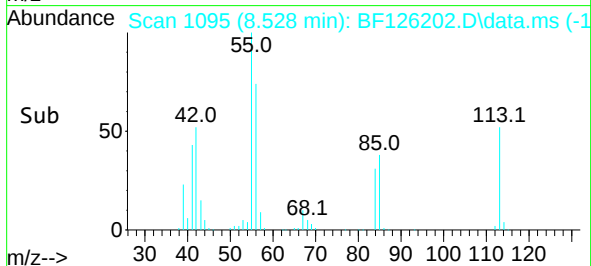
ICVBF121521



Tgt Ion:113 Resp: 11266
Ion Ratio Lower Upper
113 100
55 192.9 154.1 194.1
56 142.4 108.7 148.7

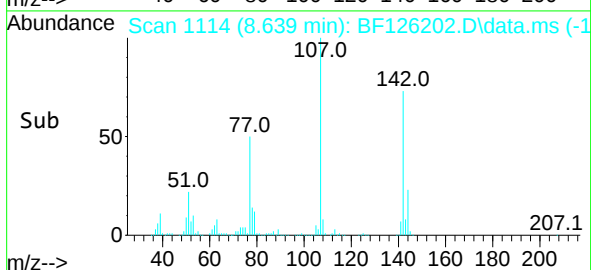
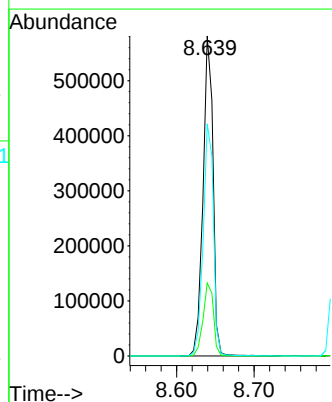
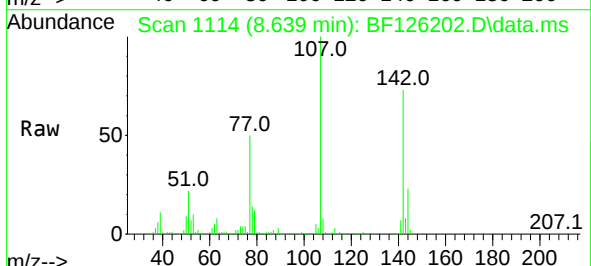
Manual Integrations
APPROVED

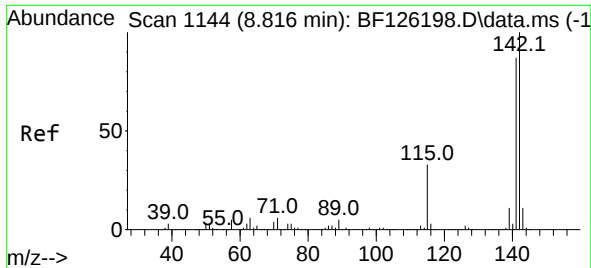
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#36
4-Chloro-3-methylphenol
Concen: 42.795 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:107 Resp: 521275
Ion Ratio Lower Upper
107 100
144 22.8 21.9 32.9
142 72.5 67.1 100.7





#37

2-Methylnaphthalene

Concen: 42.279 ng

RT: 8.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

Tgt Ion:142 Resp: 100240

Ion Ratio Lower Upper

142 100

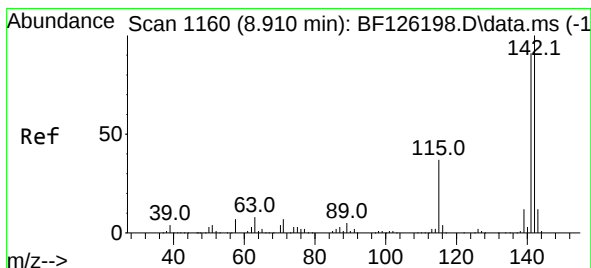
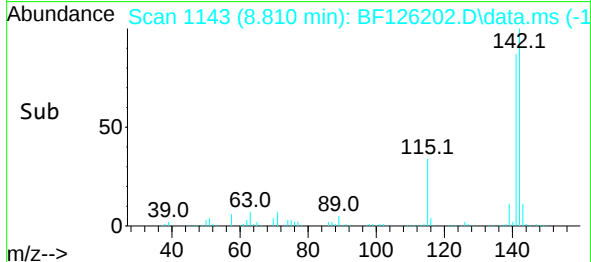
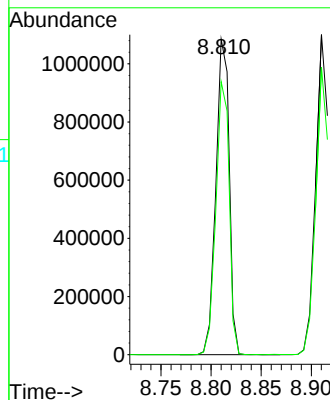
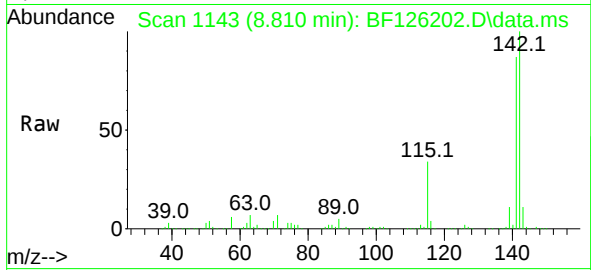
141 86.5 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021

Supervised By :mohammad ahmed 12/17/2021



#38

1-Methylnaphthalene

Concen: 42.283 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF126202.D

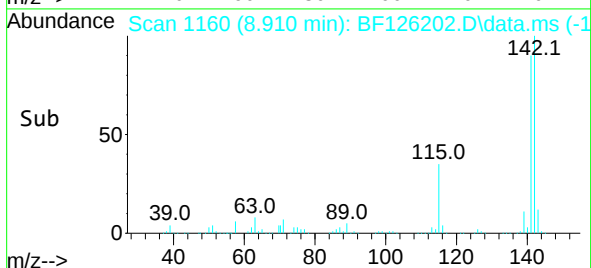
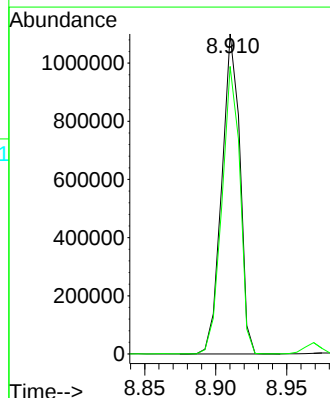
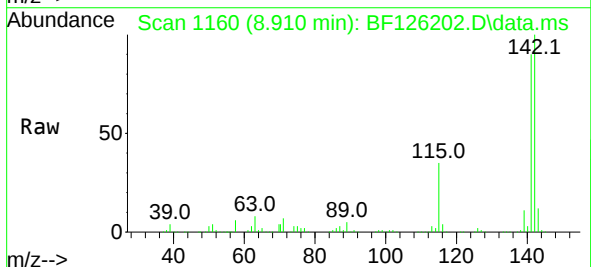
Acq: 15 Dec 2021 20:31

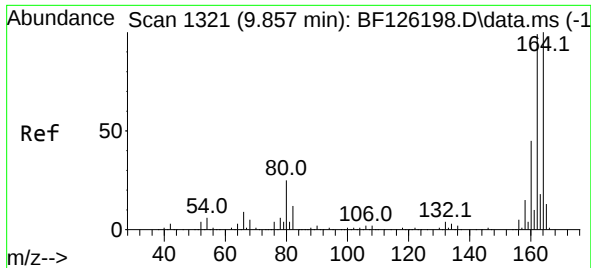
Tgt Ion:142 Resp: 972888

Ion Ratio Lower Upper

142 100

141 89.8 76.0 114.0





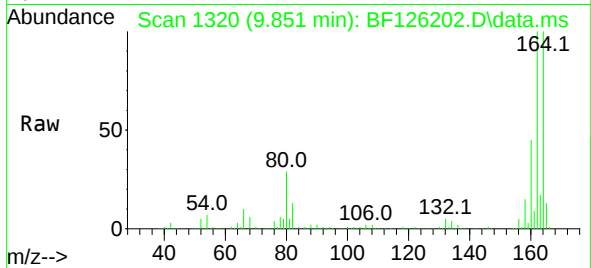
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

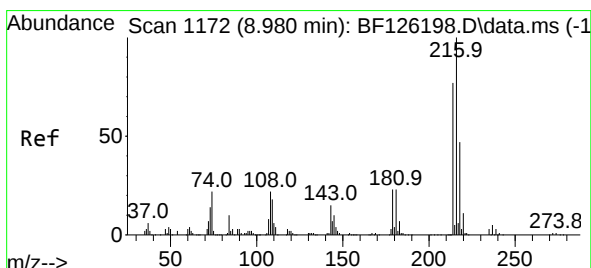
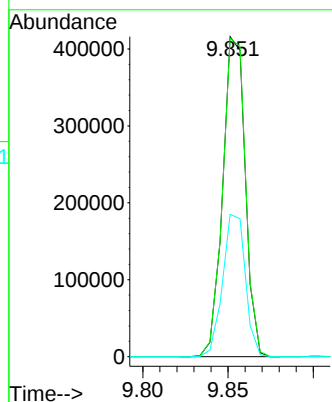
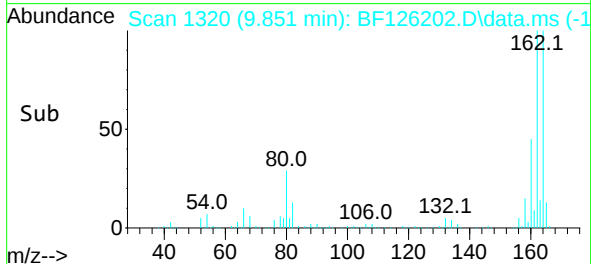


Tgt Ion:164 Resp: 381854
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 44.5 38.0 57.0

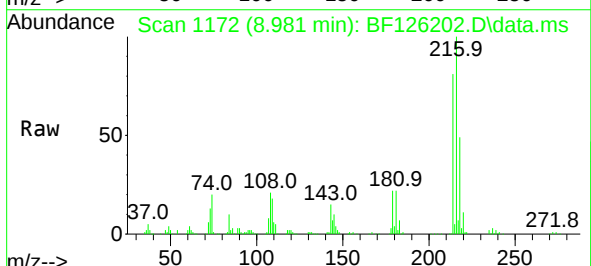
Manual Integrations

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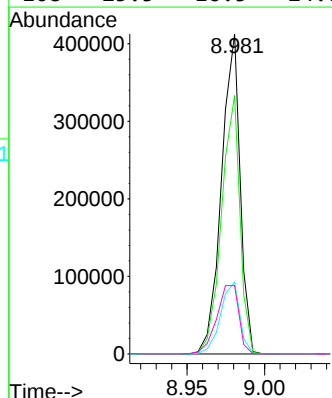
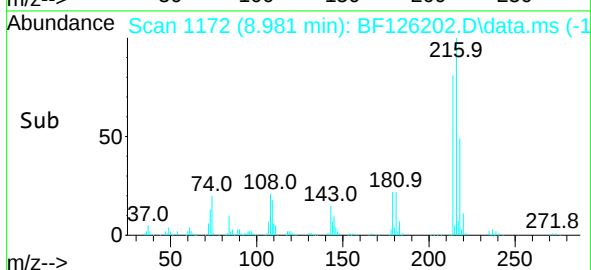
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

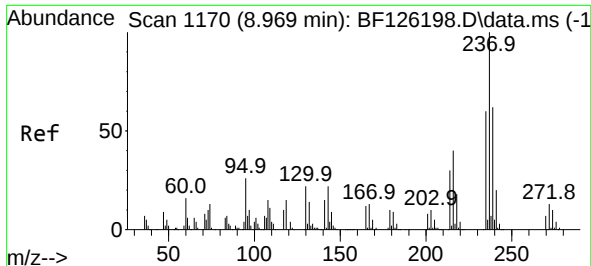


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.910 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



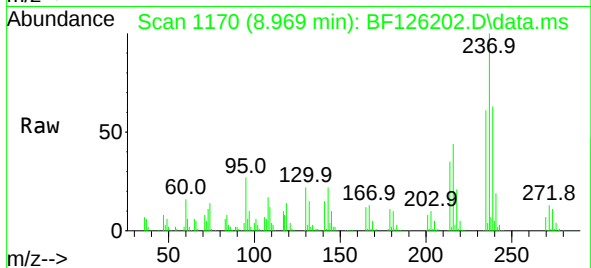
Tgt Ion:216 Resp: 345400
Ion Ratio Lower Upper
216 100
214 79.6 64.9 97.3
179 23.2 17.4 26.2
108 25.5 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 43.654 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

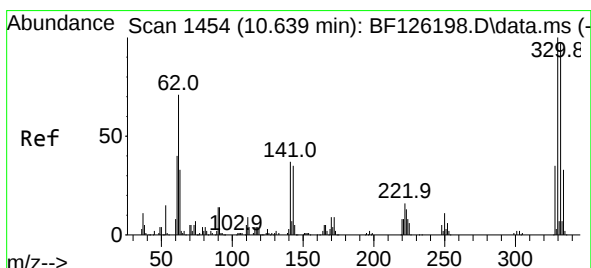
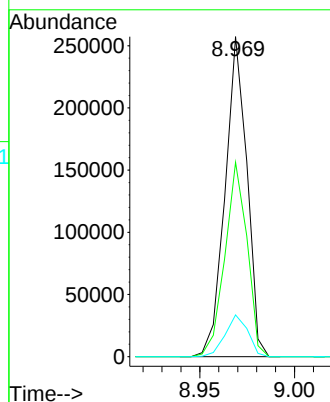
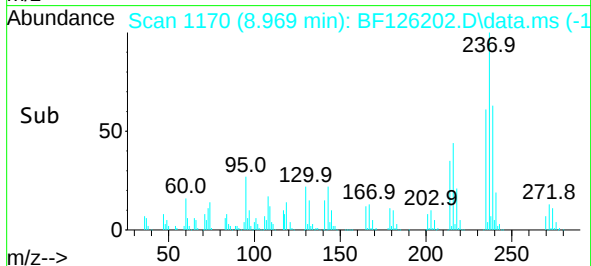
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



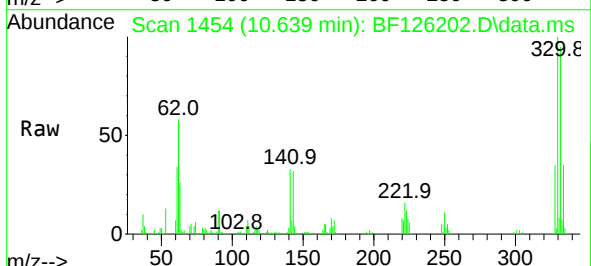
Tgt Ion:237 Resp: 206023
Ion Ratio Lower Upper
237 100
235 60.7 44.7 84.7
272 13.0 0.0 31.6

Manual Integrations
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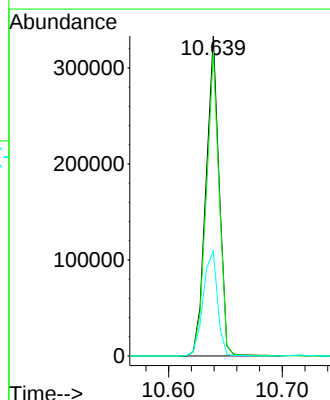
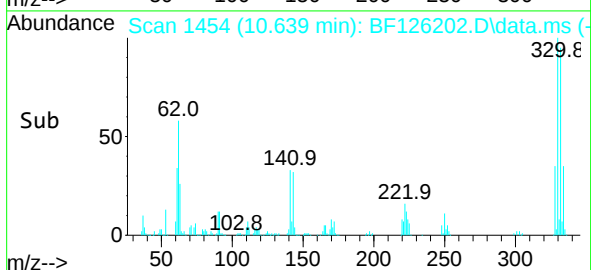
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

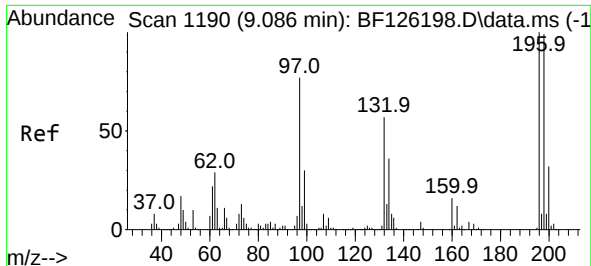


#42
2,4,6-Tribromophenol
Concen: 87.093 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:330 Resp: 267267
Ion Ratio Lower Upper
330 100
332 93.5 76.2 114.4
141 35.8 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 42.072 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF126202.D

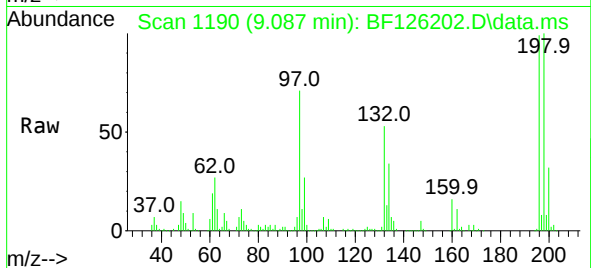
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521



Tgt Ion:196 Resp: 27275

Ion Ratio Lower Upper

196 100

198 100.6 74.9 112.3

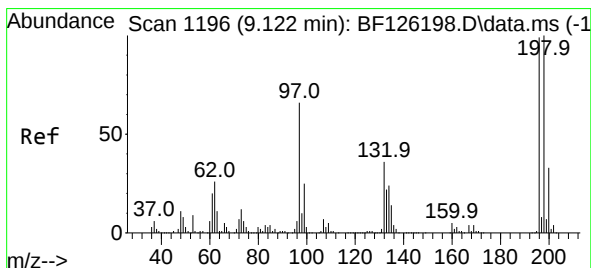
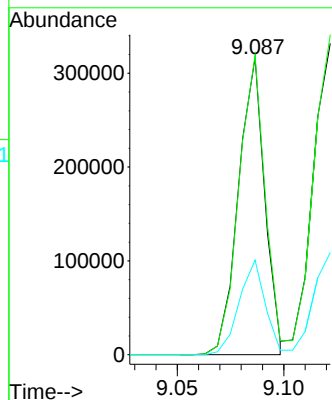
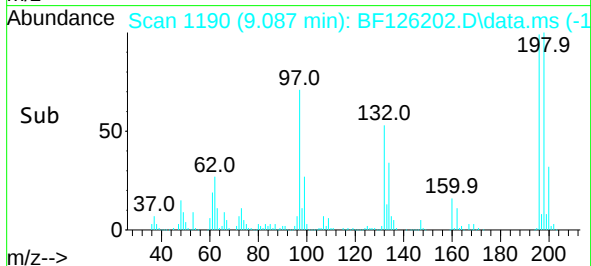
200 31.8 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021

Supervised By :mohammad ahmed 12/17/2021



#44

2,4,5-Trichlorophenol

Concen: 43.027 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Tgt Ion:196 Resp: 288869

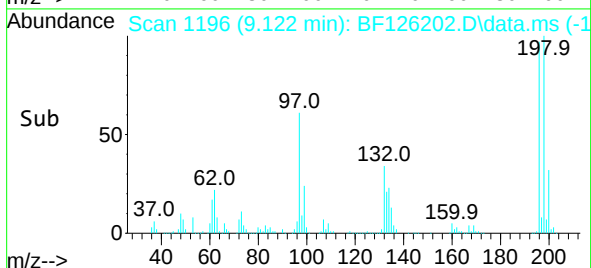
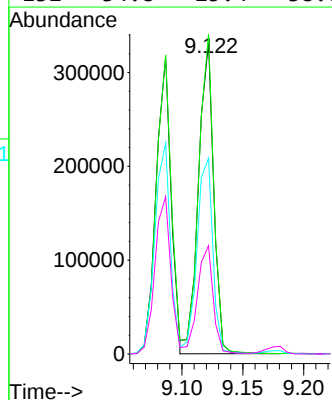
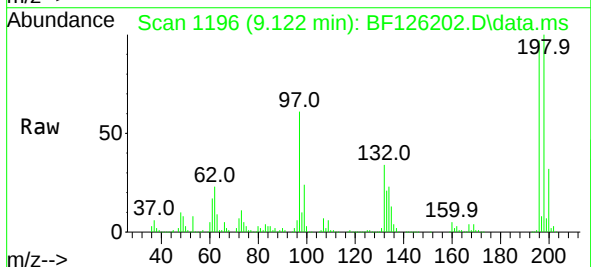
Ion Ratio Lower Upper

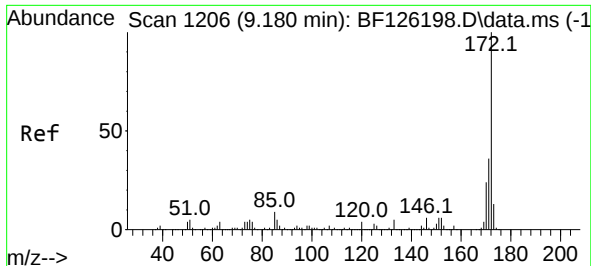
196 100

198 102.8 80.2 120.2

97 62.9 44.0 66.0

132 34.8 25.4 38.0





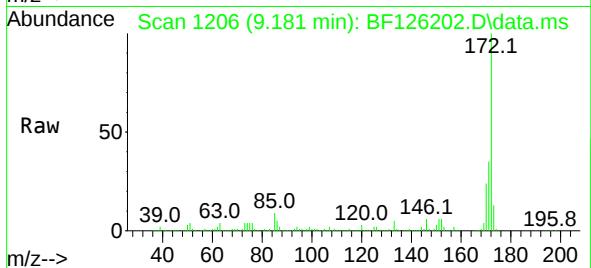
#45
2-Fluorobiphenyl
Concen: 76.738 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

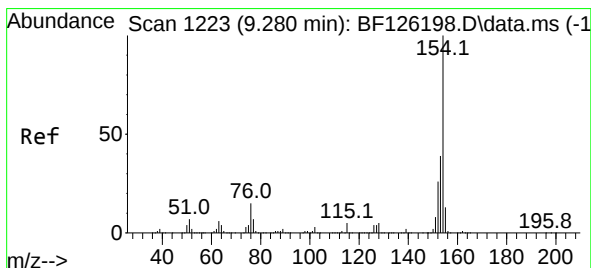
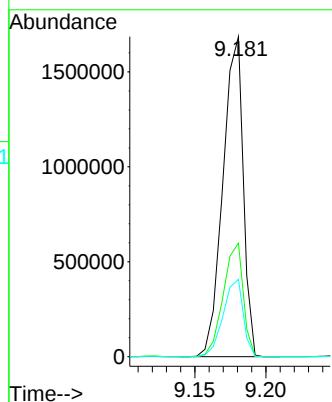
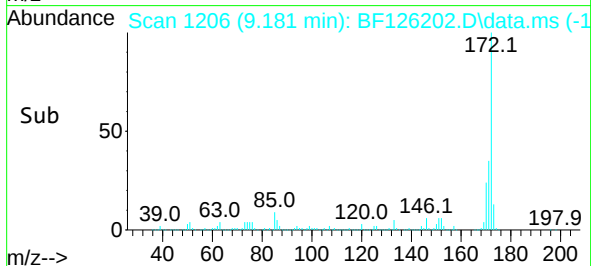


Tgt Ion:172 Resp: 1670738
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.2 18.8 28.2

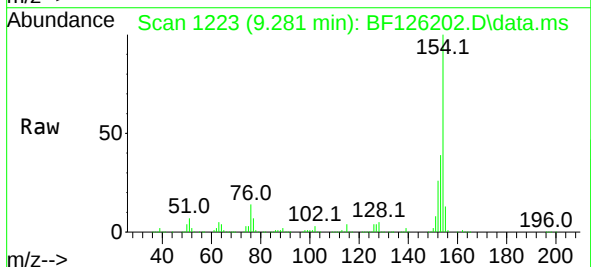
Manual Integrations

APPROVED

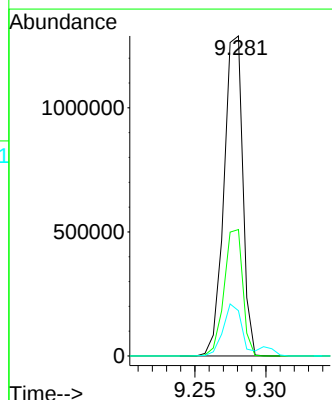
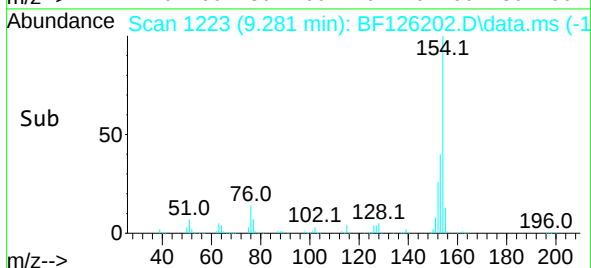
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

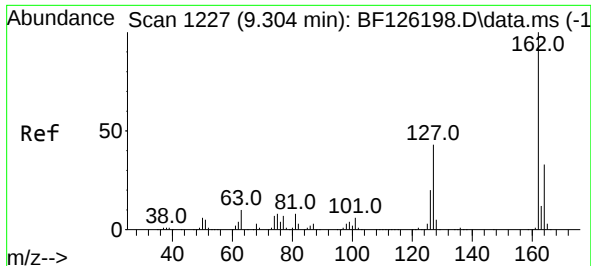


#46
1,1'-Biphenyl
Concen: 41.926 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:154 Resp: 1183763
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 14.2 0.0 30.3





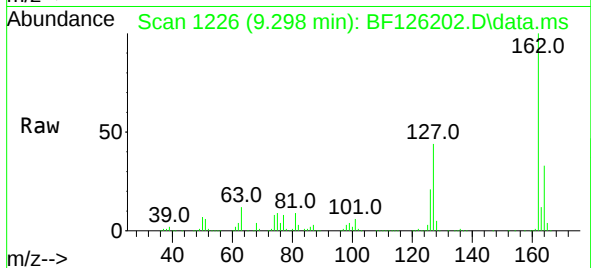
#47
2-Chloronaphthalene
Concen: 42.353 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

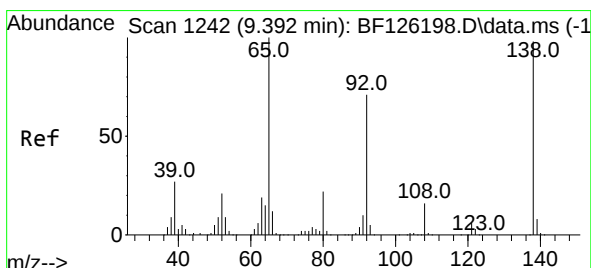
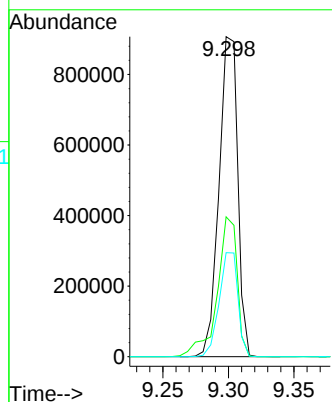
ICVBF121521



Tgt Ion:162 Resp: 89972
Ion Ratio Lower Upper
162 100
127 43.7 33.0 49.4
164 32.5 25.8 38.8

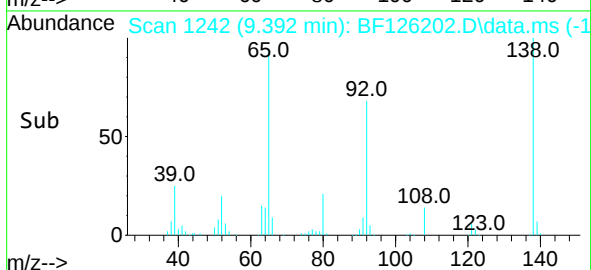
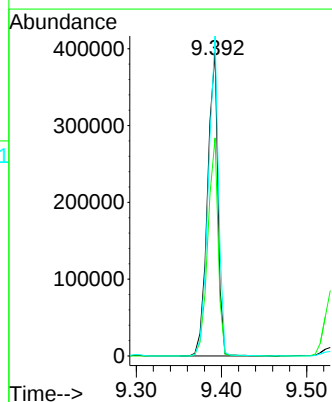
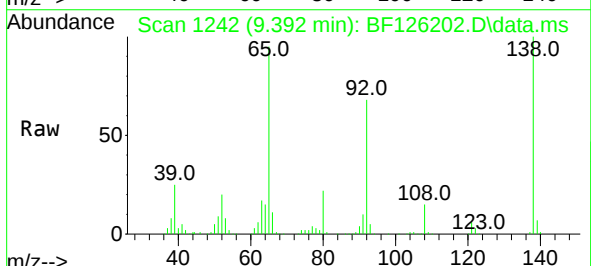
Manual Integrations
APPROVED

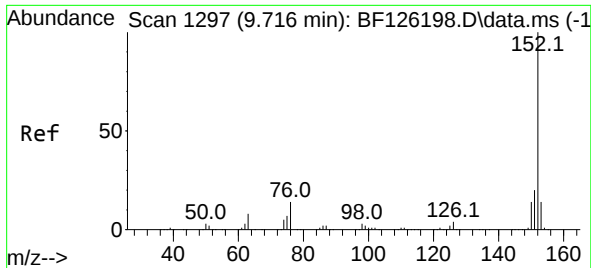
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#48
2-Nitroaniline
Concen: 43.241 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion: 65 Resp: 335285
Ion Ratio Lower Upper
65 100
92 71.8 55.5 83.3
138 105.4 93.5 140.3





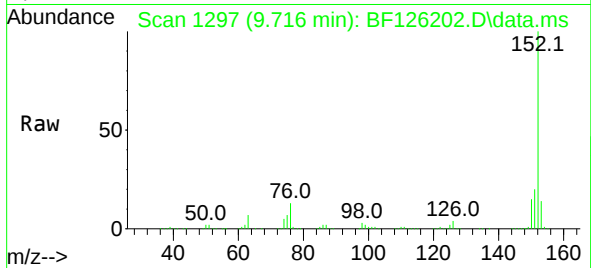
#49
Acenaphthylene
Concen: 42.517 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

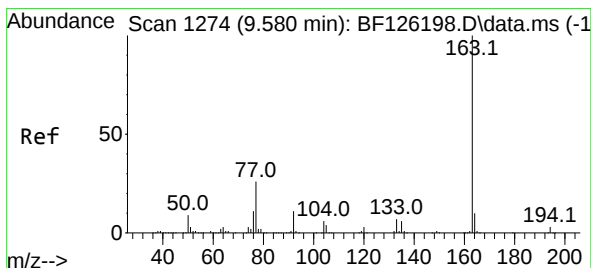
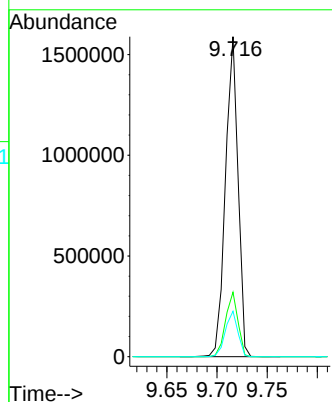
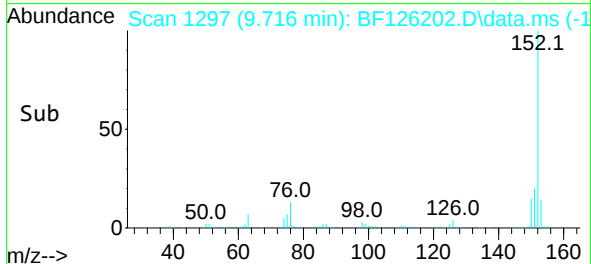


Tgt Ion:152 Resp: 1380109
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 14.2 9.8 14.8

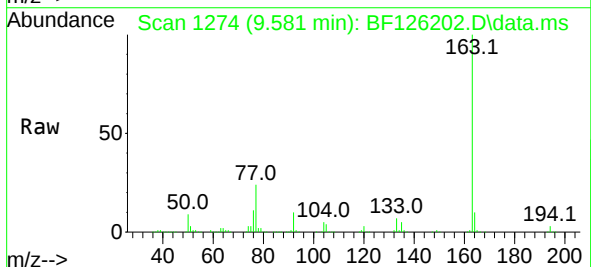
Manual Integrations

APPROVED

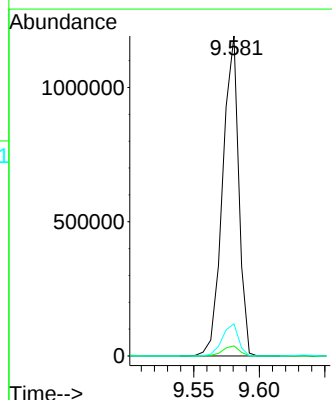
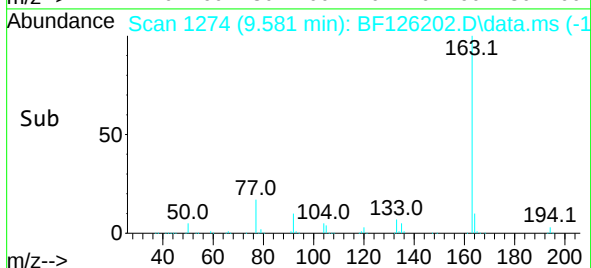
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

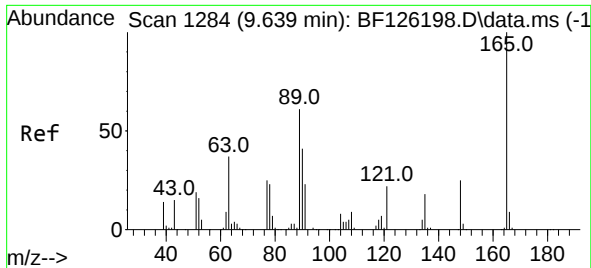


#50
Dimethylphthalate
Concen: 41.978 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



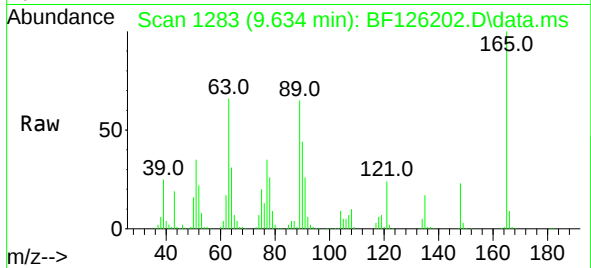
Tgt Ion:163 Resp: 1015381
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.1 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 44.179 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

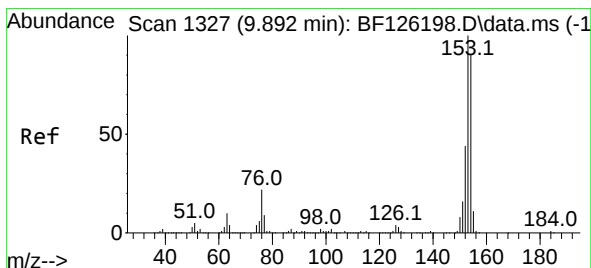
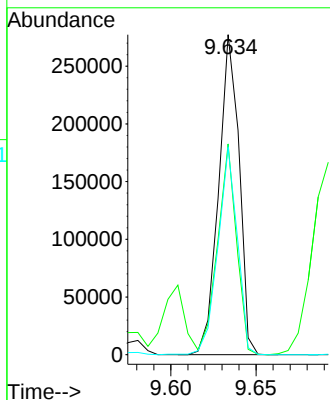
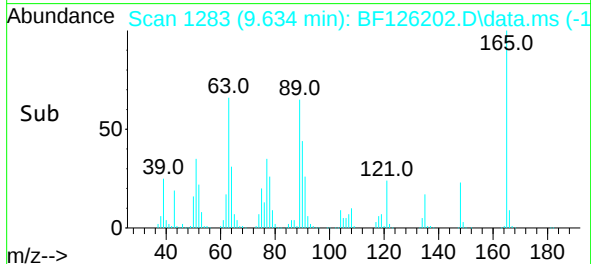
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion:165 Resp: 231298
Ion Ratio Lower Upper
165 100
63 65.8 42.6 63.8
89 64.8 40.6 60.8

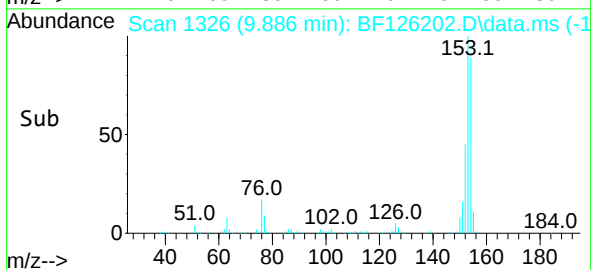
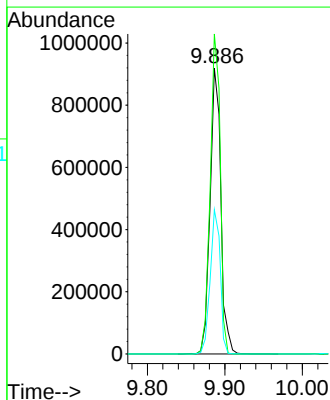
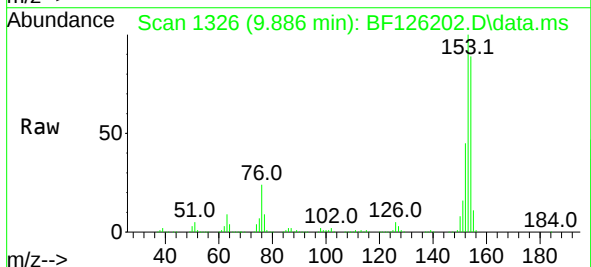
Manual Integrations
APPROVED

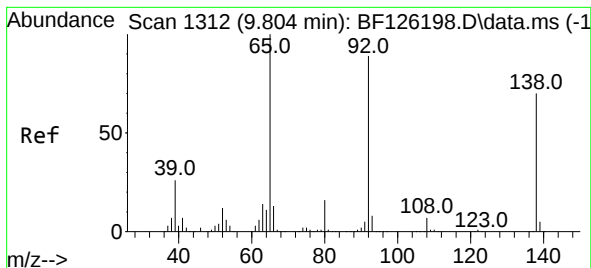
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#52
Acenaphthene
Concen: 42.034 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:154 Resp: 884848
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.2
152 50.5 40.5 60.7





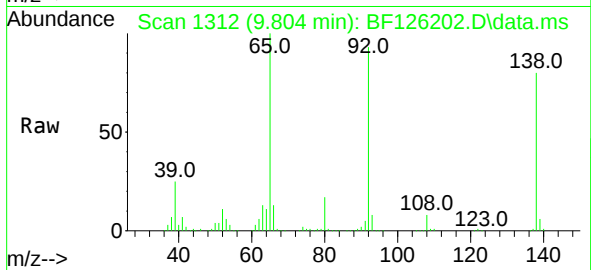
#53
3-Nitroaniline
Concen: 43.682 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

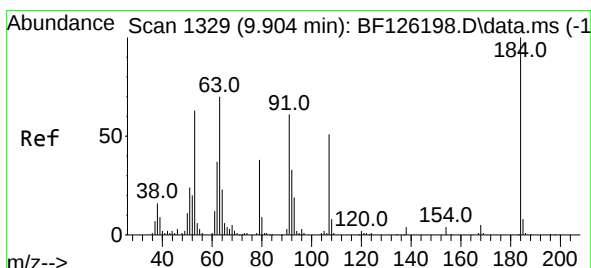
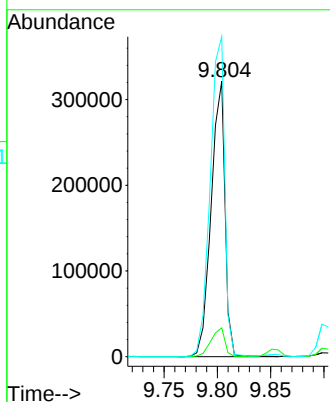
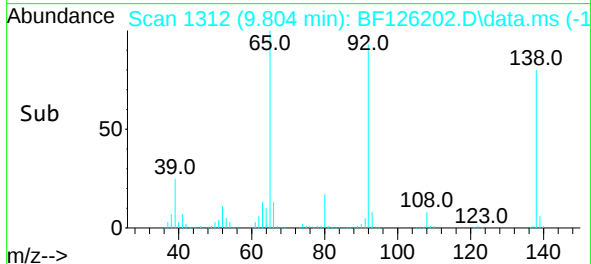


Tgt Ion:138 Resp: 290680
Ion Ratio Lower Upper
138 100
108 10.5 9.3 13.9
92 116.2 76.5 114.7

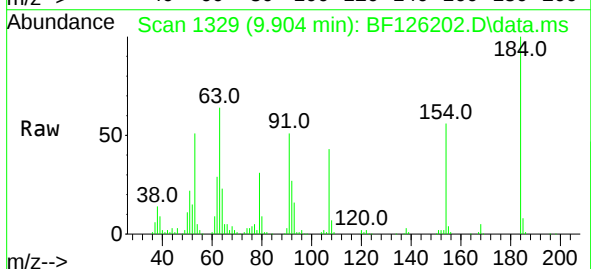
Manual Integrations

APPROVED

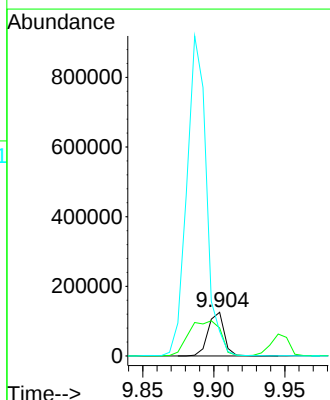
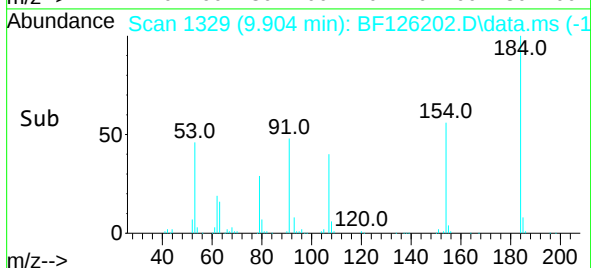
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

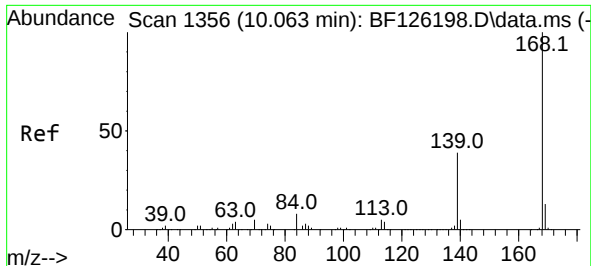


#54
2,4-Dinitrophenol
Concen: 45.986 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



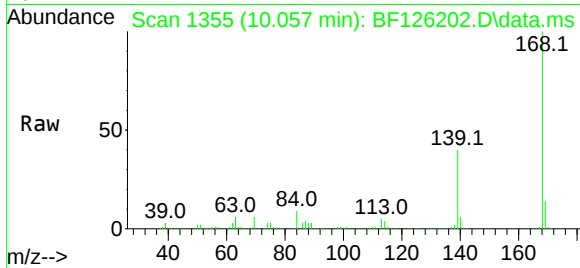
Tgt Ion:184 Resp: 99134
Ion Ratio Lower Upper
184 100
63 63.9 59.3 88.9
154 56.4 68.6 102.8





#55
Dibenzofuran
Concen: 42.451 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

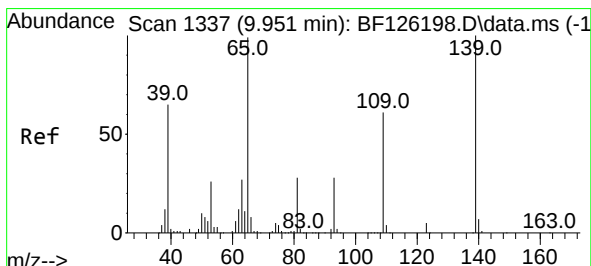
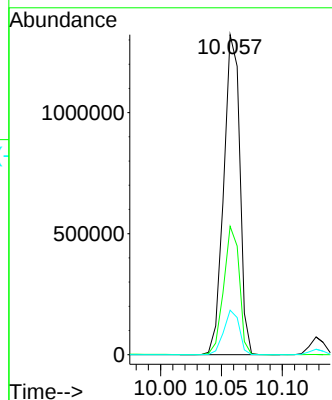
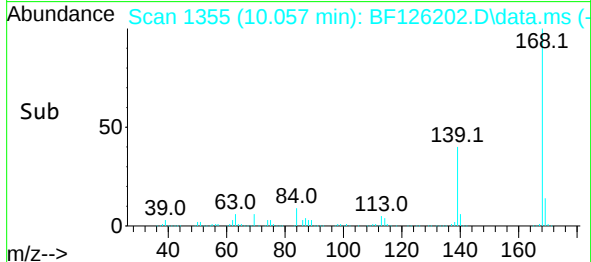
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion:168 Resp: 121666
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.9 11.2 16.8

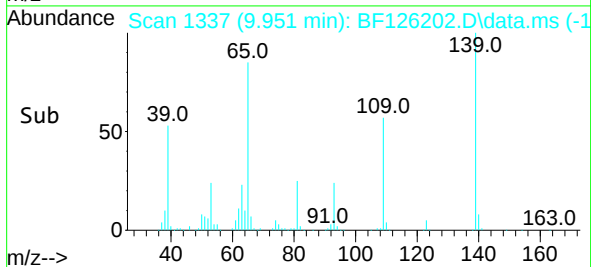
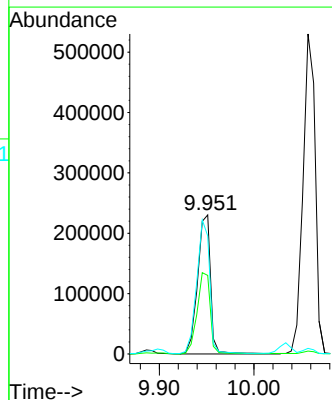
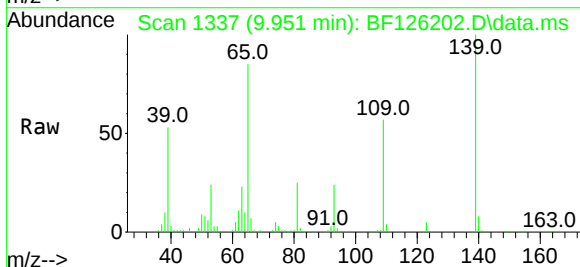
Manual Integrations
APPROVED

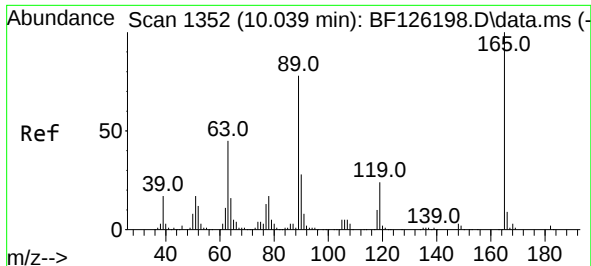
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#56
4-Nitrophenol
Concen: 45.947 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:139 Resp: 220853
Ion Ratio Lower Upper
139 100
109 56.5 60.4 100.4#
65 84.9 58.4 98.4





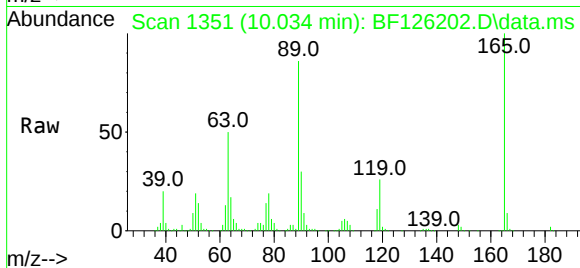
#57
2,4-Dinitrotoluene
Concen: 45.130 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

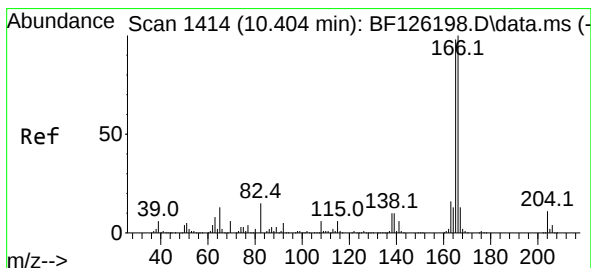
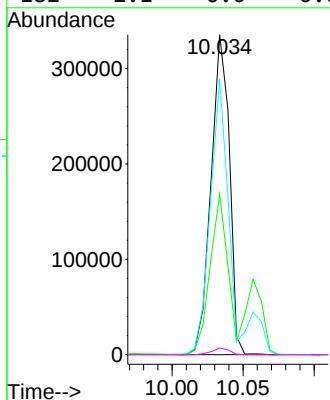
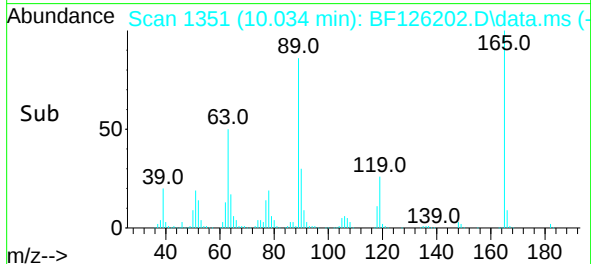
ICVBF121521



Tgt Ion:165 Resp: 301400
Ion Ratio Lower Upper
165 100
63 50.2 40.9 61.3
89 86.2 59.7 89.5
182 2.1 0.0 0.0#

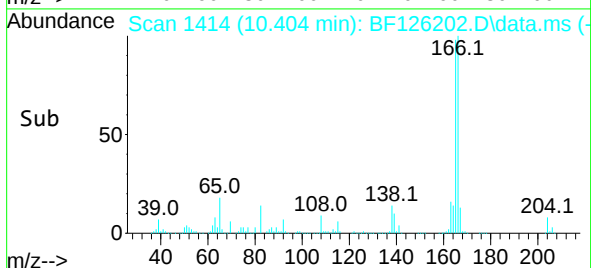
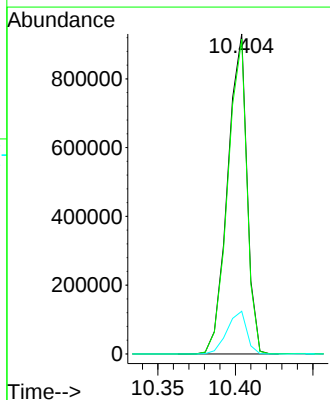
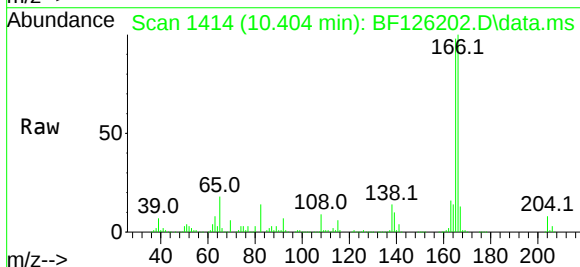
Manual Integrations
APPROVED

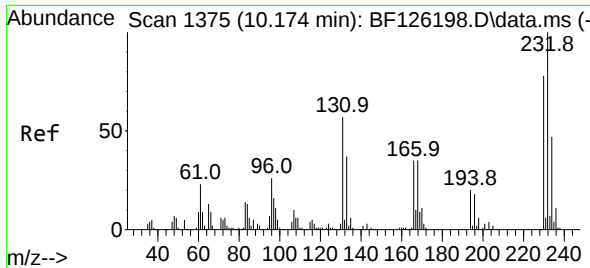
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#58
Fluorene
Concen: 38.836 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

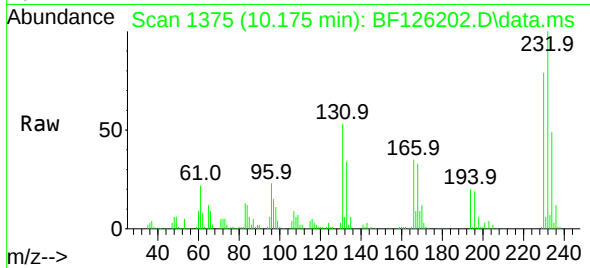
Tgt Ion:166 Resp: 805798
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.589 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

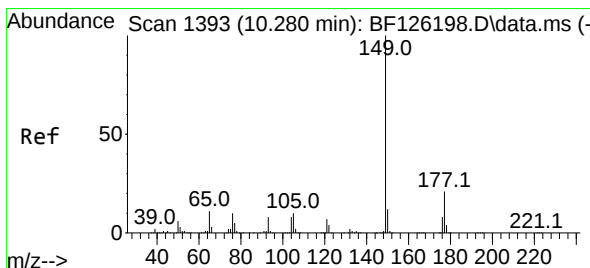
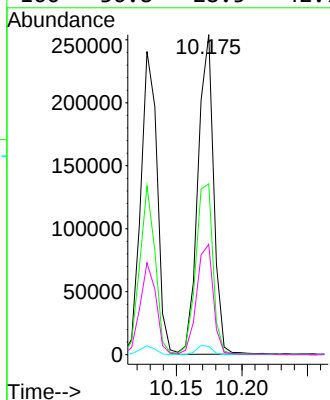
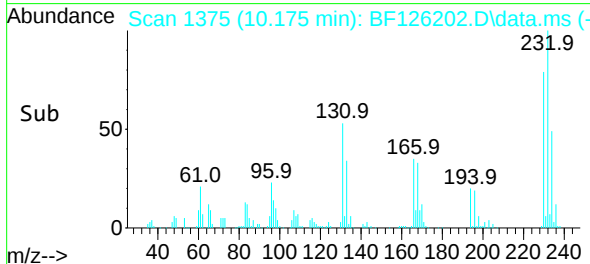
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion:232 Resp: 21200
Ion Ratio Lower Upper
232 100
131 58.9 45.4 68.0
130 2.8 0.0 0.0
166 36.8 28.5 42.7

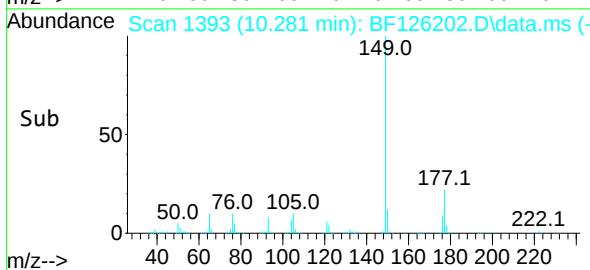
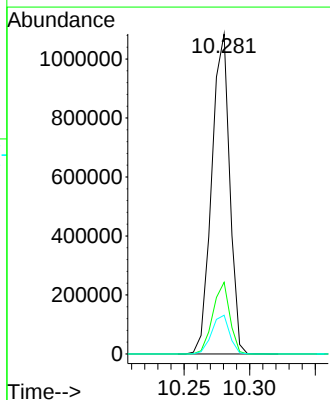
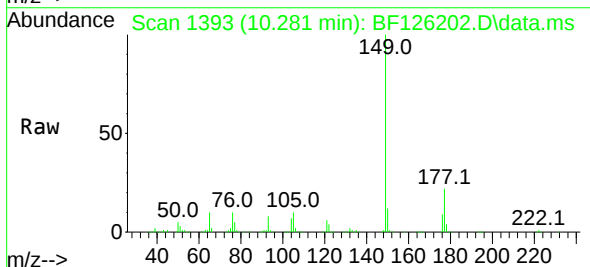
Manual Integrations
APPROVED

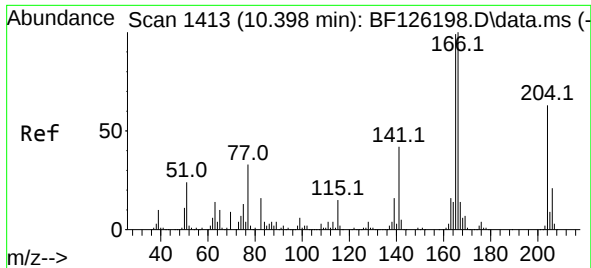
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#60
Diethylphthalate
Concen: 42.490 ng
RT: 10.281 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:149 Resp: 1032857
Ion Ratio Lower Upper
149 100
177 22.4 16.5 24.7
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.105 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

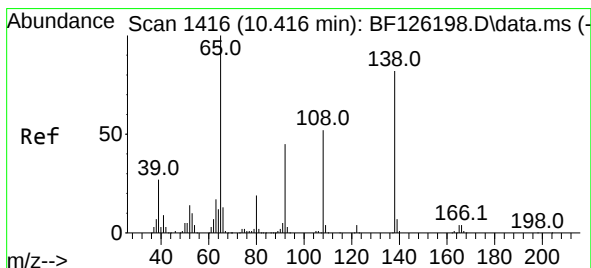
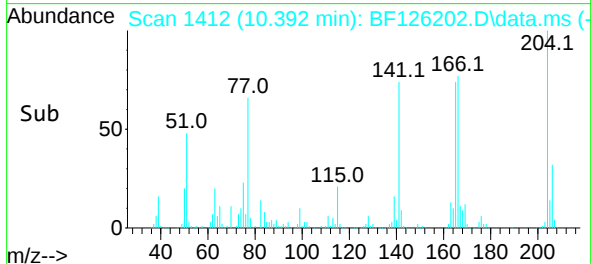
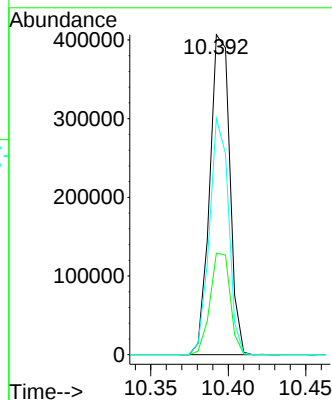
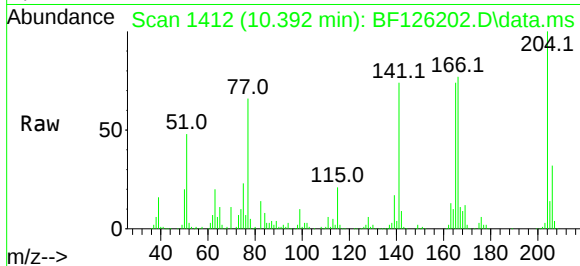
ICVBF121521

Tgt Ion:204 Resp: 365329
Ion Ratio Lower Upper
204 100
206 31.7 27.6 41.4
141 73.8 58.6 88.0

Manual Integrations

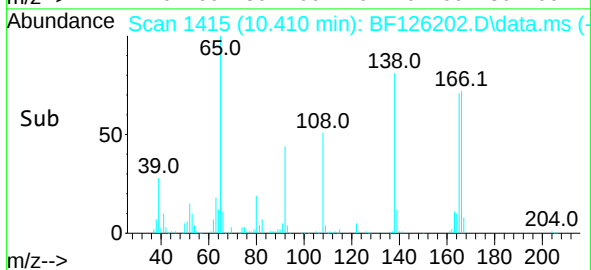
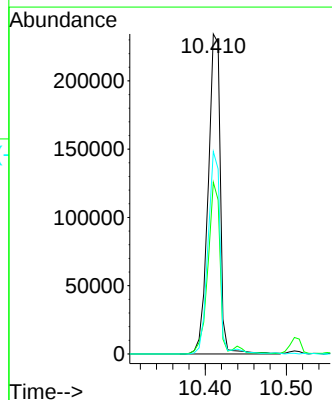
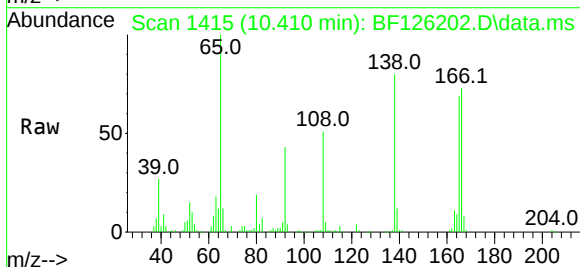
APPROVED

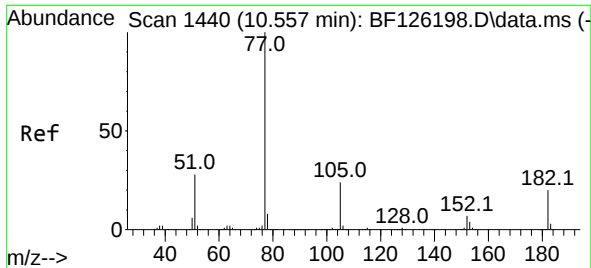
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#62
4-Nitroaniline
Concen: 43.574 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

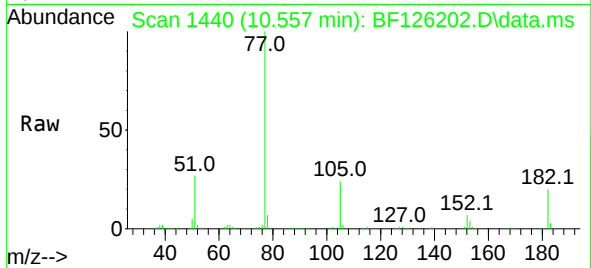
Tgt Ion:138 Resp: 243241
Ion Ratio Lower Upper
138 100
92 53.6 29.6 69.6
108 63.2 78.1 118.1#





#63
Azobenzene
Concen: 42.678 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

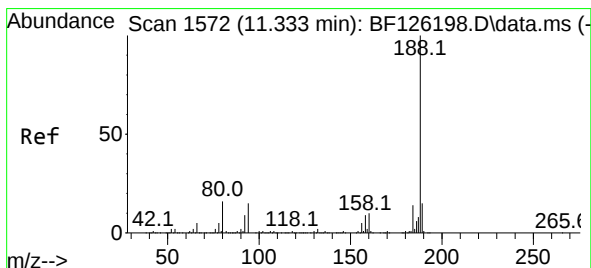
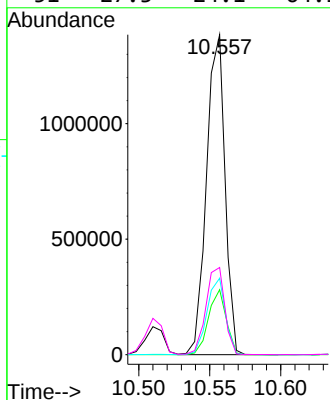
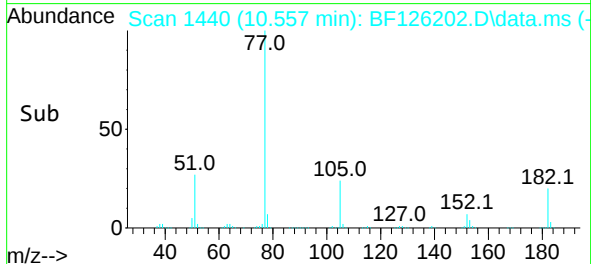
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



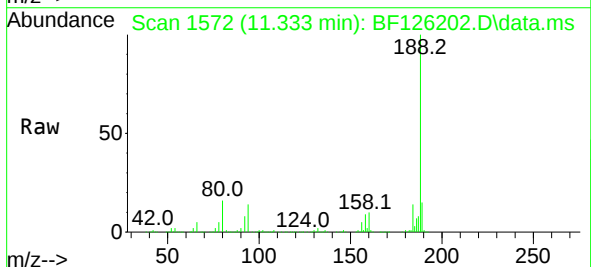
Tgt Ion: 77 Resp: 1256554
Ion Ratio Lower Upper
77 100
182 20.3 6.3 46.3
105 23.9 2.9 42.9
51 27.3 24.1 64.1

Manual Integrations
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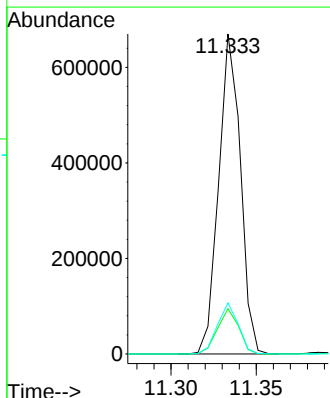
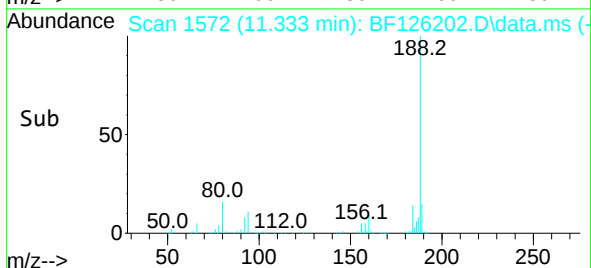
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

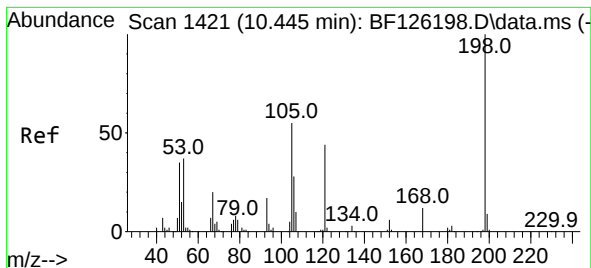


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:188 Resp: 594186
Ion Ratio Lower Upper
188 100
94 14.2 6.7 10.1#
80 15.9 7.5 11.3#





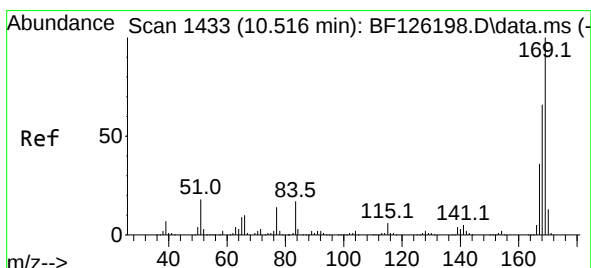
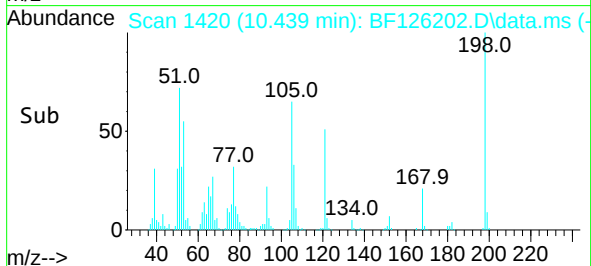
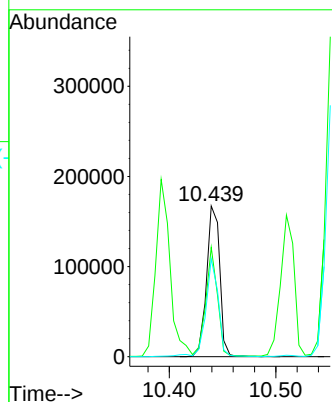
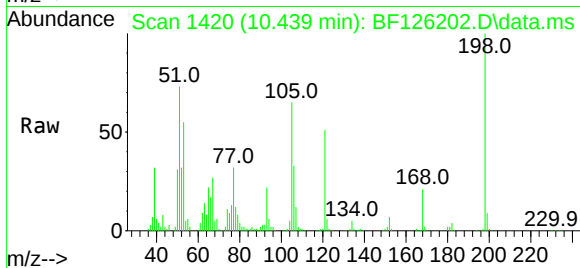
#65
4,6-Dinitro-2-methylphenol
Concen: 44.359 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Tgt Ion:198 Resp: 143928
Ion Ratio Lower Upper
198 100
51 72.5 45.3 85.3
105 65.0 30.6 70.6

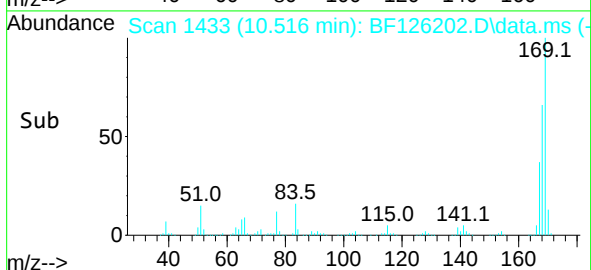
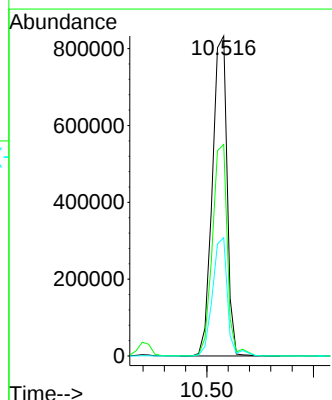
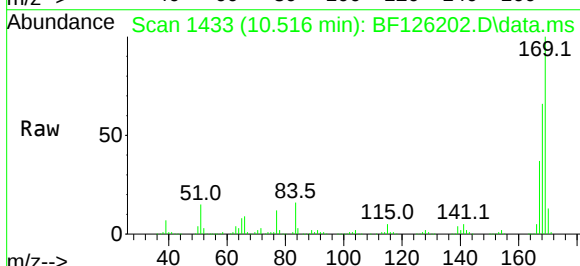
Manual Integrations
APPROVED

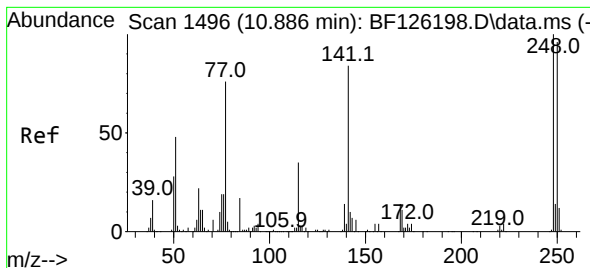
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#66
n-Nitrosodiphenylamine
Concen: 41.711 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

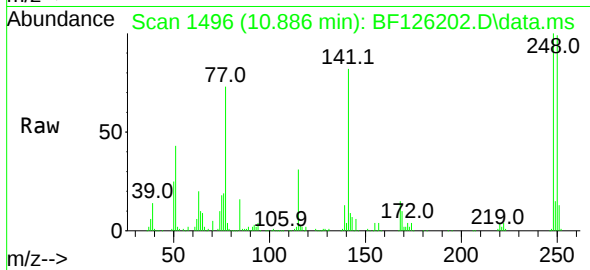
Tgt Ion:169 Resp: 795408
Ion Ratio Lower Upper
169 100
168 66.1 50.8 76.2
167 37.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.817 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

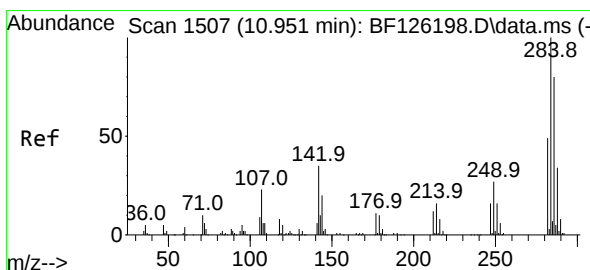
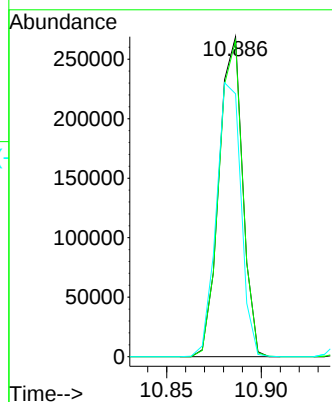
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



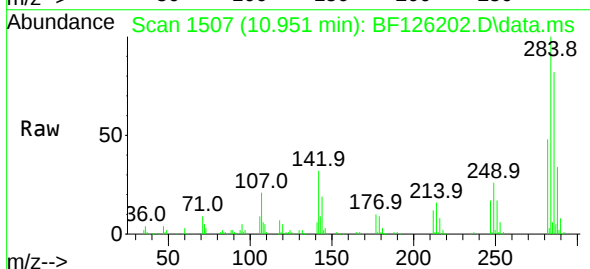
Tgt Ion:248 Resp: 233198
Ion Ratio Lower Upper
248 100
250 98.8 74.2 111.4
141 82.2 60.4 90.6

Manual Integrations
APPROVED

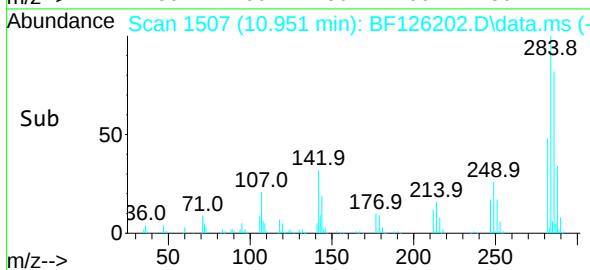
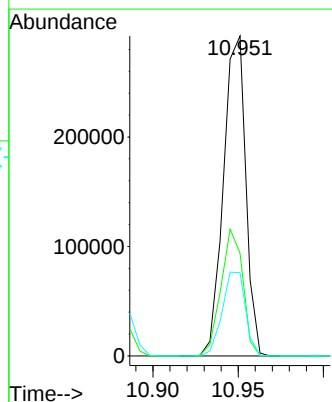
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

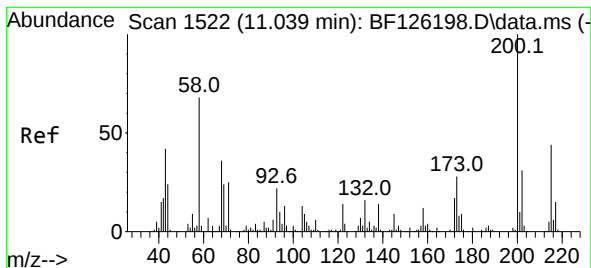


#68
Hexachlorobenzene
Concen: 41.533 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:284 Resp: 266381
Ion Ratio Lower Upper
284 100
142 32.0 36.4 54.6#
249 26.0 25.6 38.4





#69

Atrazine

Concen: 43.755 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

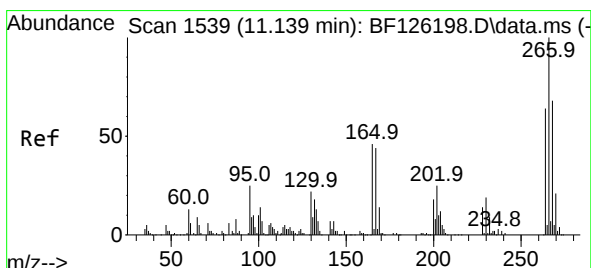
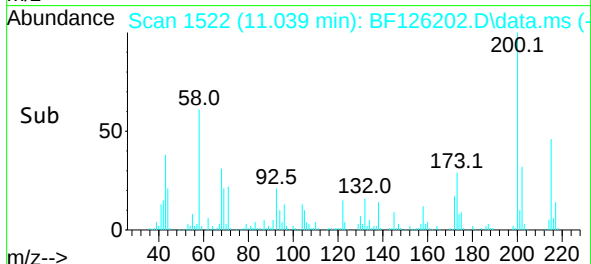
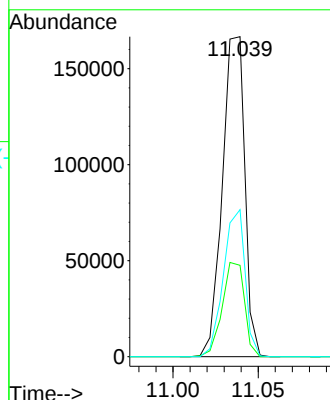
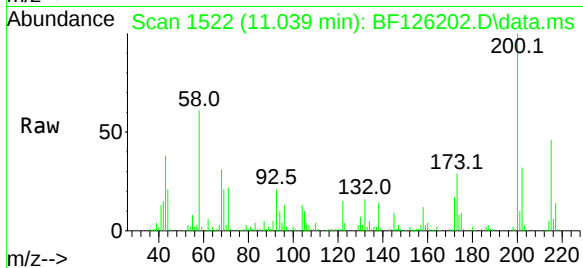
Tgt Ion:200 Resp: 15290

Ion	Ratio	Lower	Upper
200	100		
173	28.6	11.1	51.1
215	46.0	22.7	62.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#70

Pentachlorophenol

Concen: 44.896 ng

RT: 11.133 min Scan# 1538

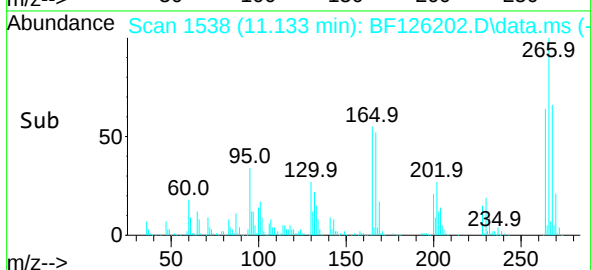
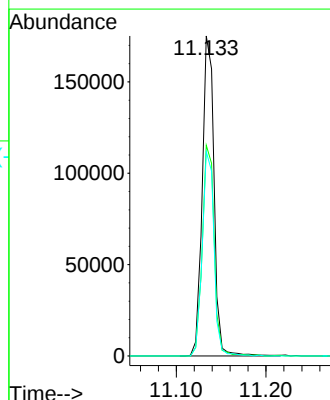
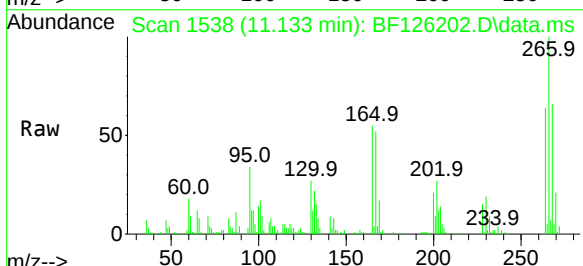
Delta R.T. -0.006 min

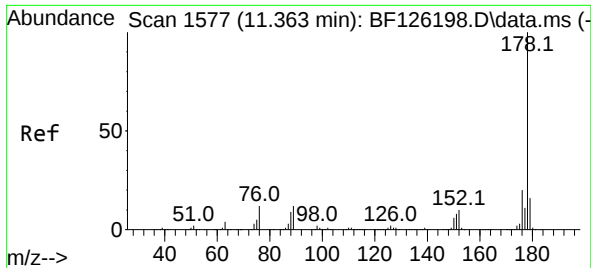
Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Tgt Ion:266 Resp: 159747

Ion	Ratio	Lower	Upper
266	100		
268	65.8	48.9	73.3
264	63.8	55.9	83.9





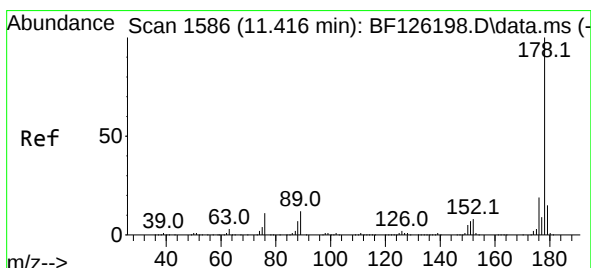
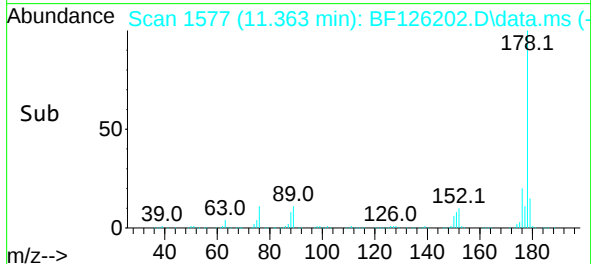
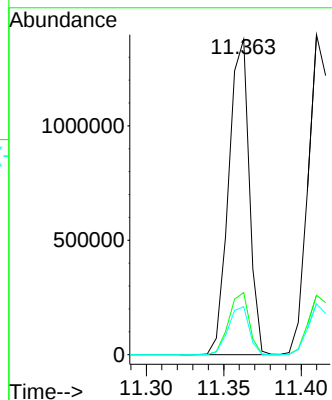
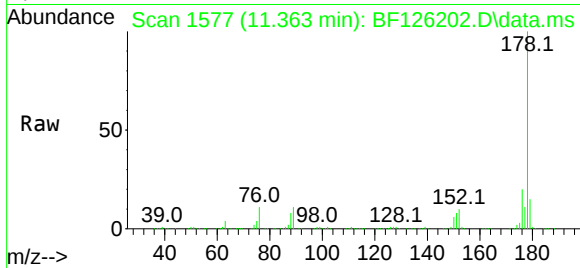
#71
Phenanthrene
Concen: 41.471 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :
BNA_F
ClientSampleId :
ICVBF121521

Tgt Ion:178 Resp: 1271810
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 15.2 11.5 17.3

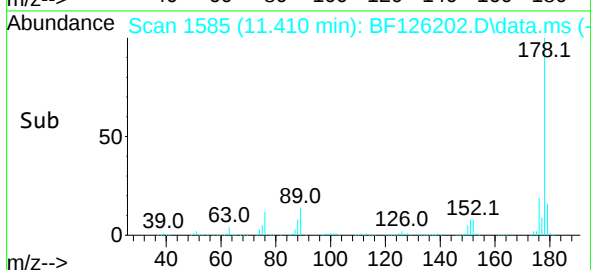
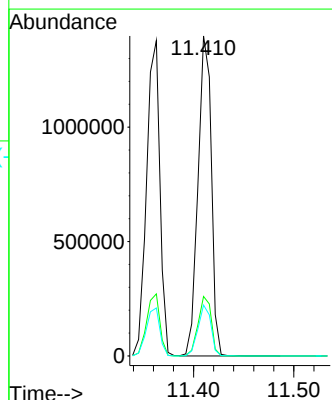
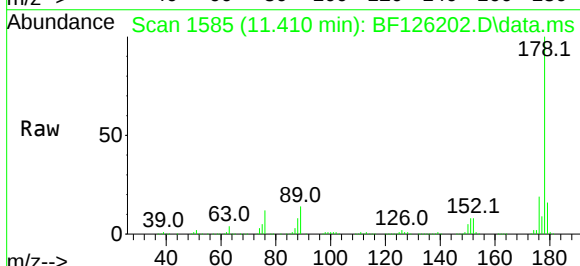
Manual Integrations
APPROVED

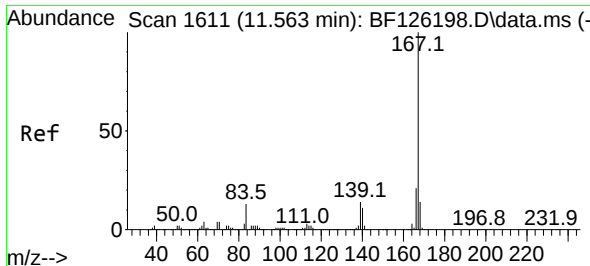
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#72
Anthracene
Concen: 42.217 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

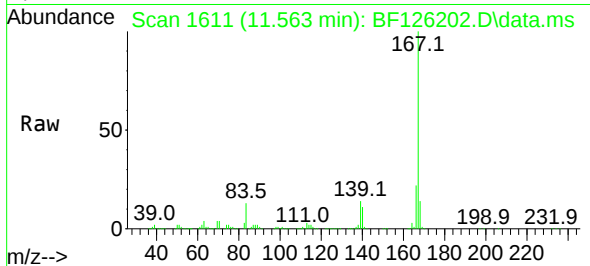
Tgt Ion:178 Resp: 1299514
Ion Ratio Lower Upper
178 100
176 18.6 14.3 21.5
179 15.9 12.2 18.4





#73
 Carbazole
 Concen: 42.446 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31

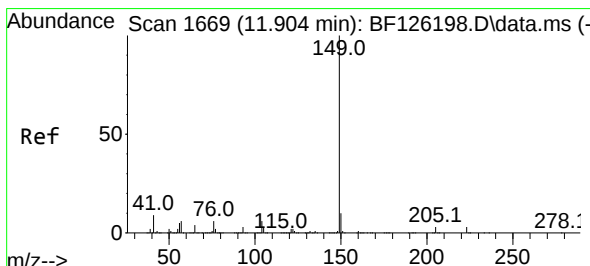
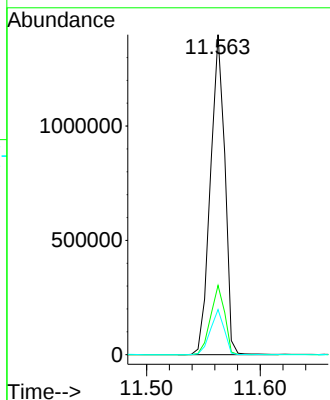
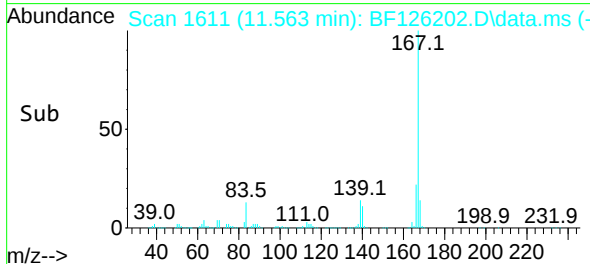
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121521



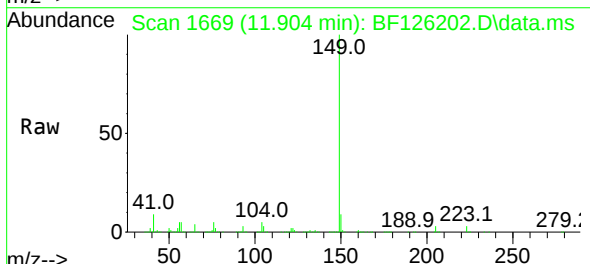
Tgt Ion:167 Resp: 1230449
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.1 11.0 16.4

Manual Integrations
 APPROVED

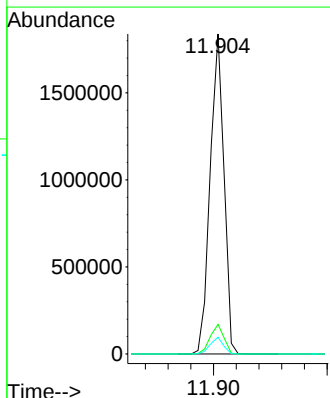
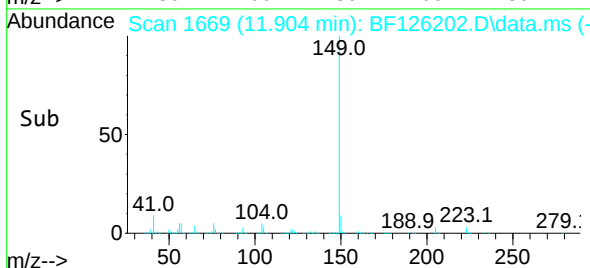
Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :mohammad ahmed 12/17/2021

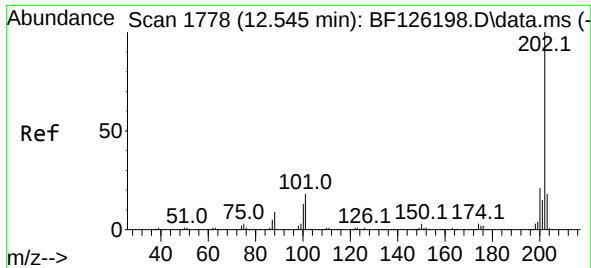


#74
 Di-n-butylphthalate
 Concen: 42.077 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31



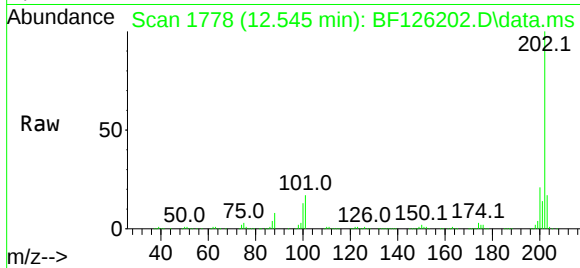
Tgt Ion:149 Resp: 1546253
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 41.499 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

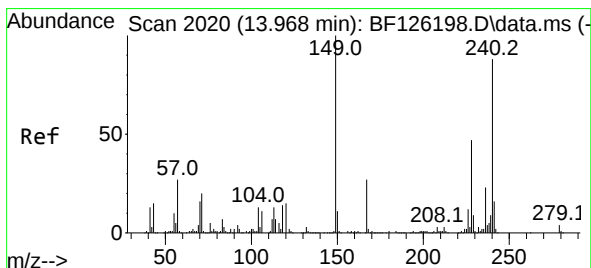
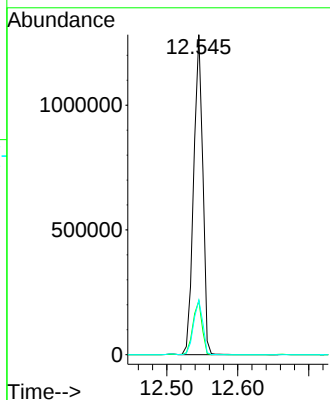
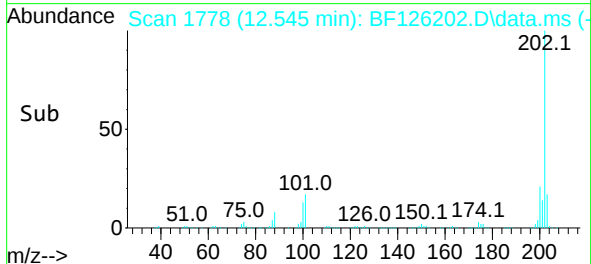
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



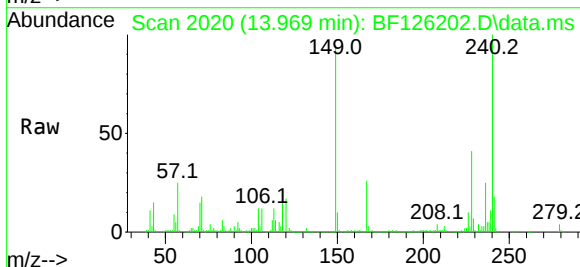
Tgt Ion:202 Resp: 114664
Ion Ratio Lower Upper
202 100
101 16.8 0.0 30.7
203 17.0 0.0 36.3

Manual Integrations
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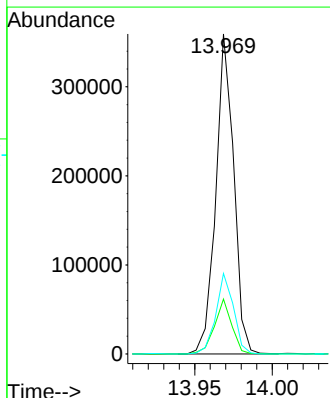
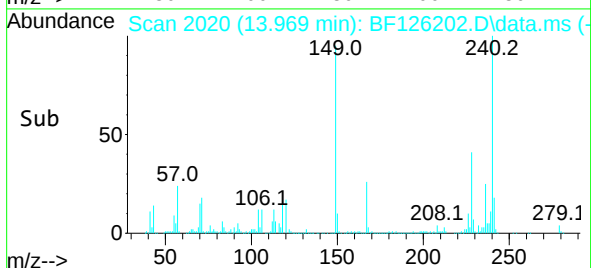
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

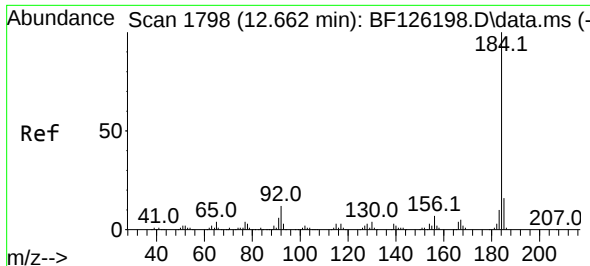


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



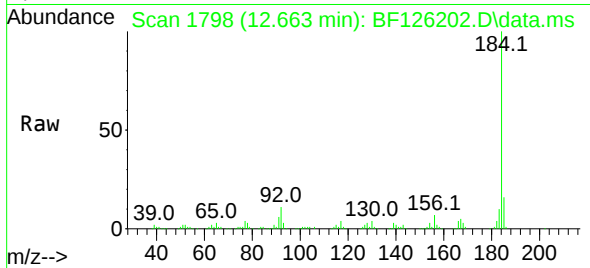
Tgt Ion:240 Resp: 288633
Ion Ratio Lower Upper
240 100
120 17.1 10.8 16.2#
236 25.2 21.6 32.4





#77
Benzidine
Concen: 42.638 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

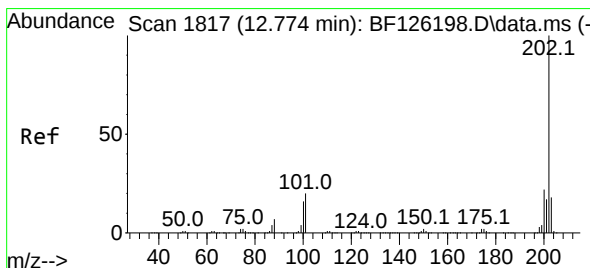
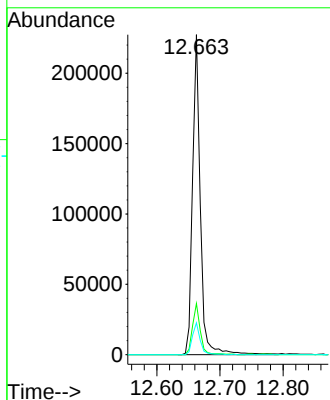
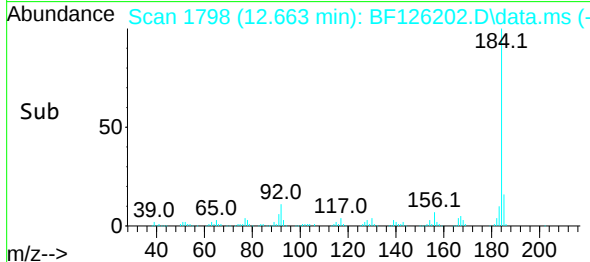
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



Tgt Ion:184 Resp: 194020
Ion Ratio Lower Upper
184 100
185 16.0 10.8 16.2
183 9.9 8.1 12.1

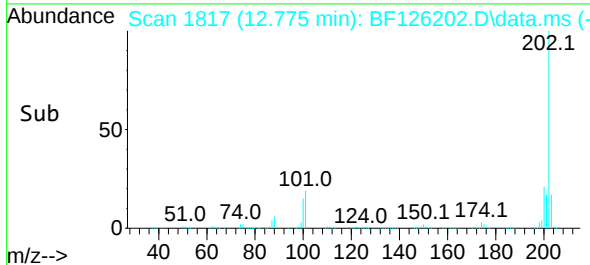
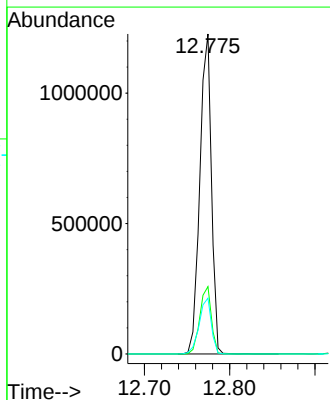
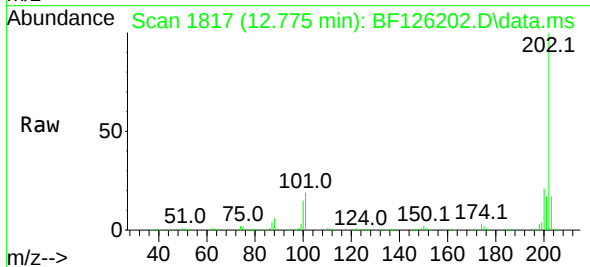
Manual Integrations
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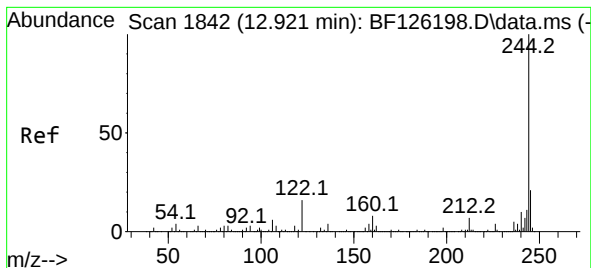
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#78
Pyrene
Concen: 43.669 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:202 Resp: 1157991
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.5 13.4 20.0





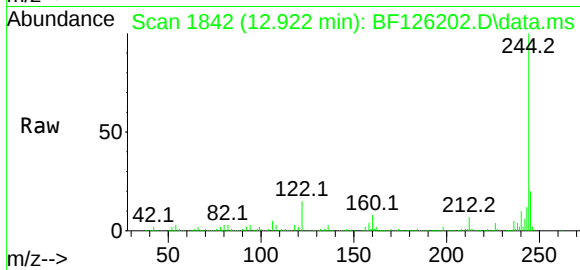
#79
 Terphenyl-d14
 Concen: 84.877 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

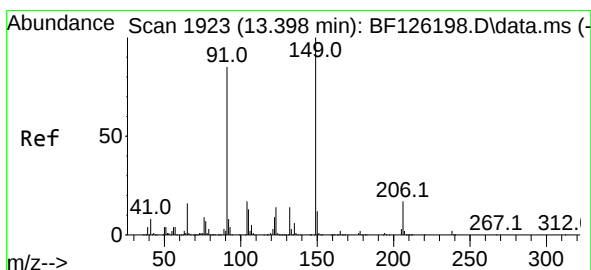
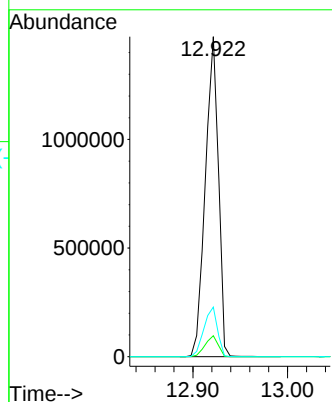
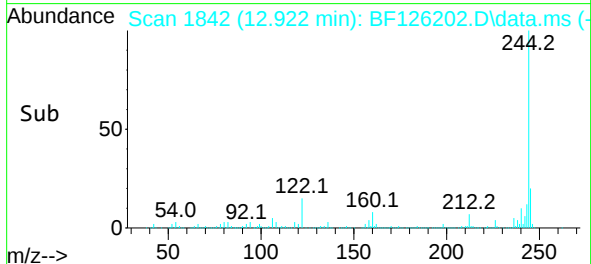


Tgt Ion:244 Resp: 140946
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.5 9.0 13.4

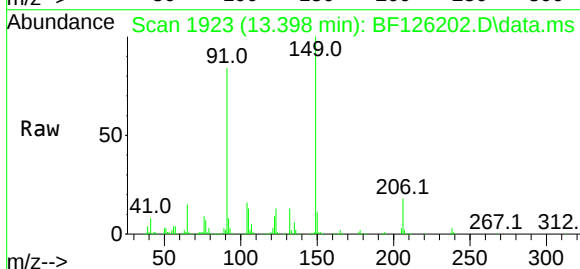
Manual Integrations

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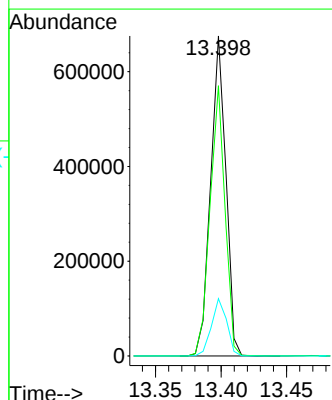
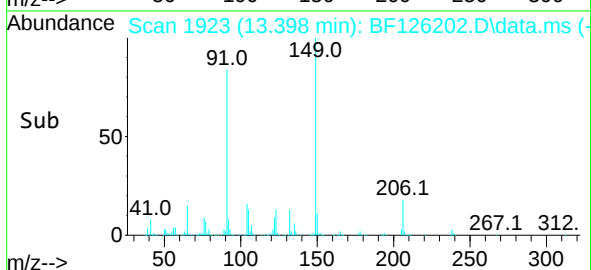
Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :mohammad ahmed 12/17/2021

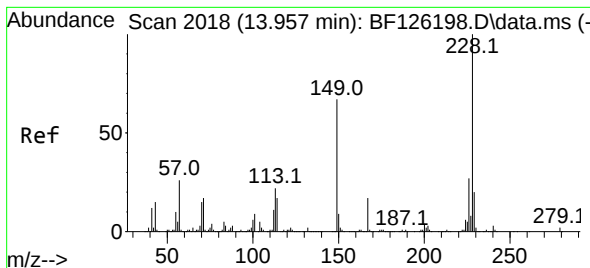


#80
 Butylbenzylphthalate
 Concen: 43.821 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31



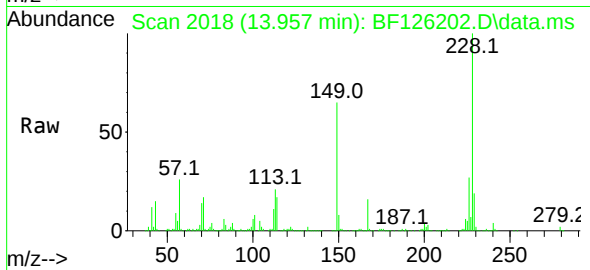
Tgt Ion:149 Resp: 546816
 Ion Ratio Lower Upper
 149 100
 91 84.5 51.8 77.8#
 206 17.9 14.5 21.7





#81
Benzo(a)anthracene
Concen: 43.846 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

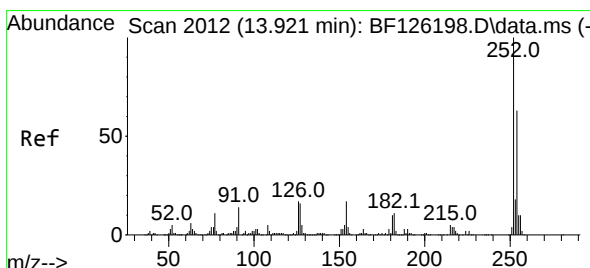
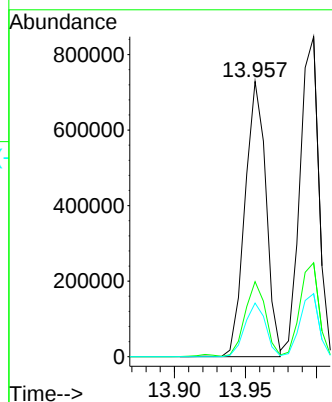
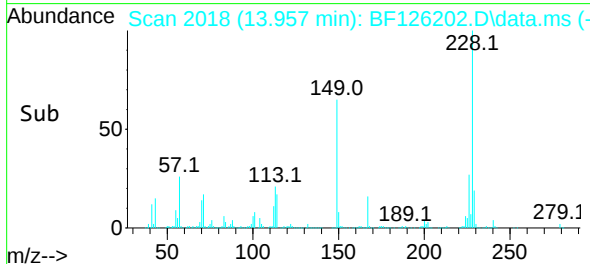
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



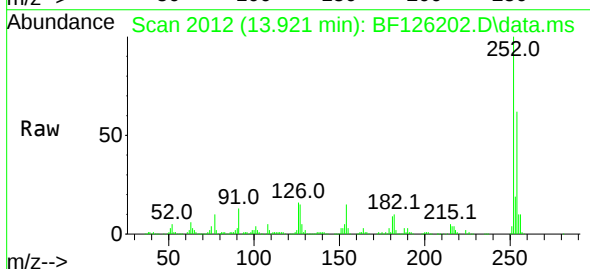
Tgt Ion:228 Resp: 749640
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.5 15.6 23.4

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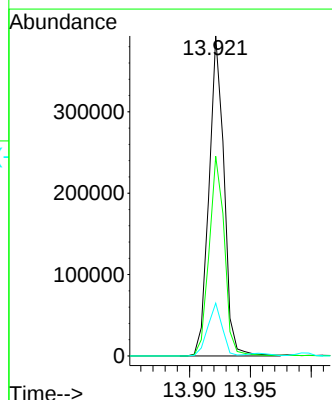
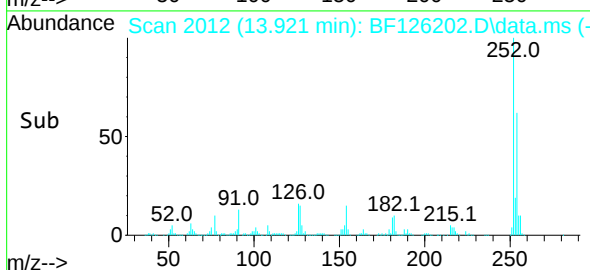
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

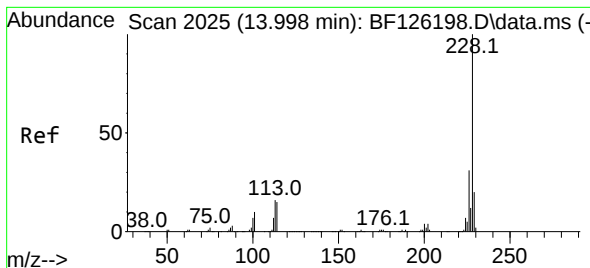


#82
3,3'-Dichlorobenzidine
Concen: 43.201 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:252 Resp: 337441
Ion Ratio Lower Upper
252 100
254 62.4 51.4 77.0
126 16.5 9.5 14.3#





#83

Chrysene

Concen: 44.063 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

ICVBF121521

Tgt Ion:228 Resp: 782728

Ion Ratio Lower Upper

228 100

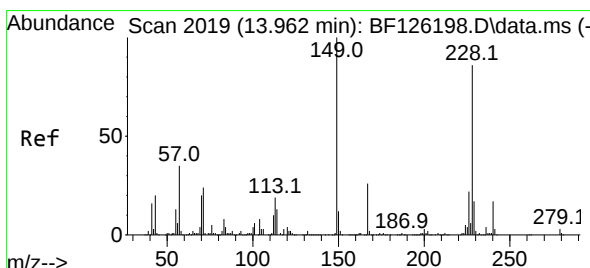
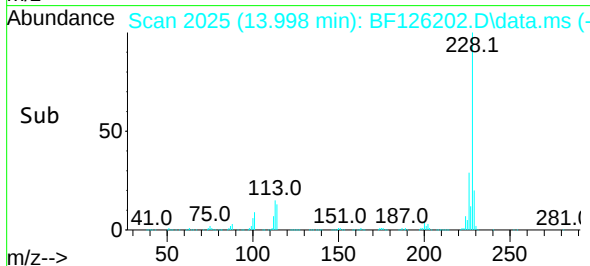
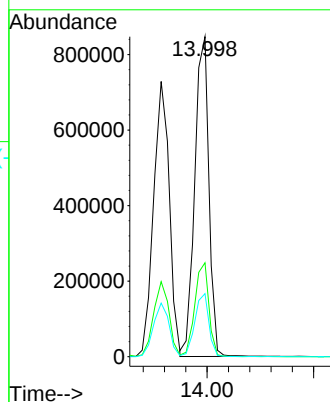
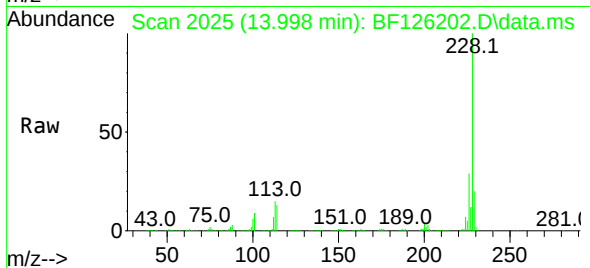
226 29.4 22.6 34.0

229 19.7 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.561 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF126202.D

Acq: 15 Dec 2021 20:31

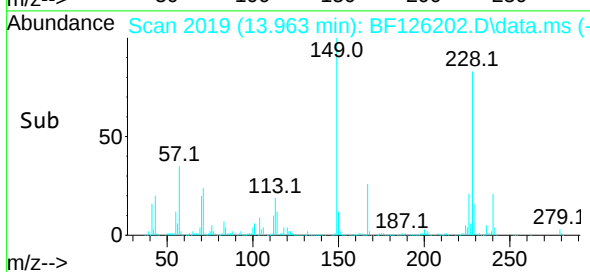
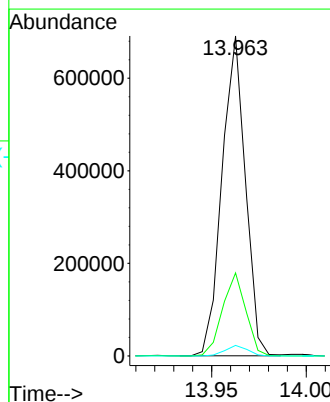
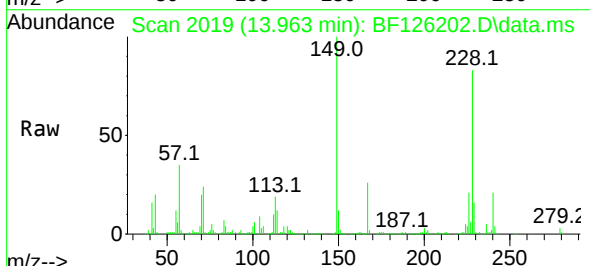
Tgt Ion:149 Resp: 593481

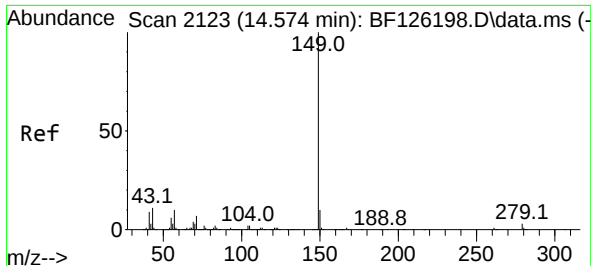
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

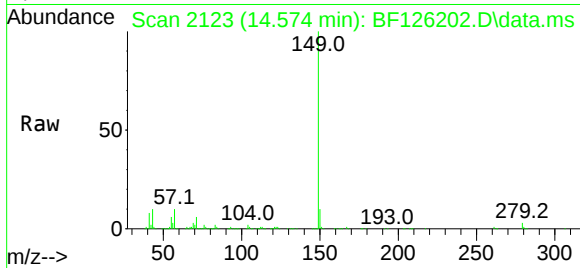
279 3.3 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 43.091 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

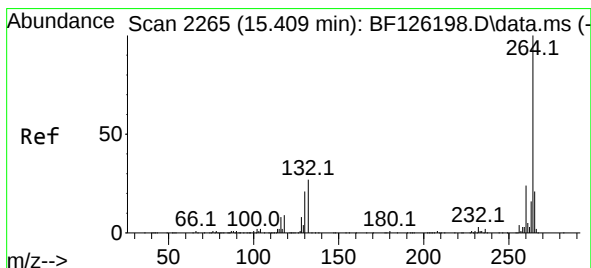
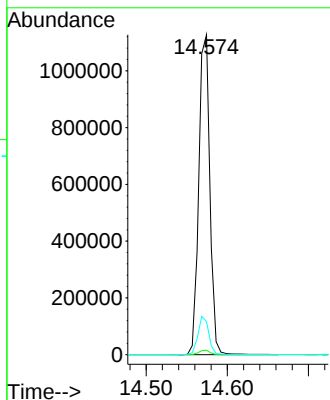
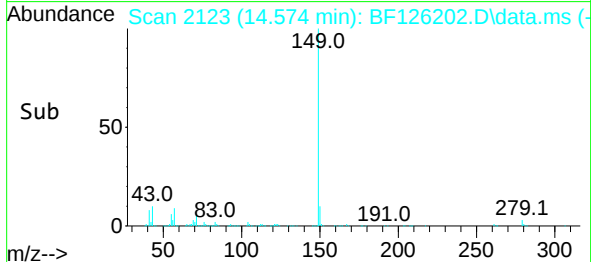
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



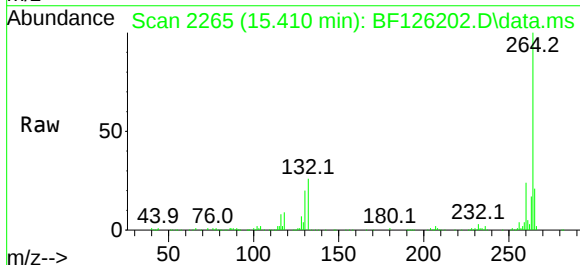
Tgt Ion:149 Resp: 107113
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.8 9.9 14.9

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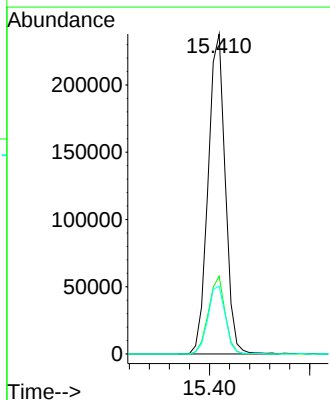
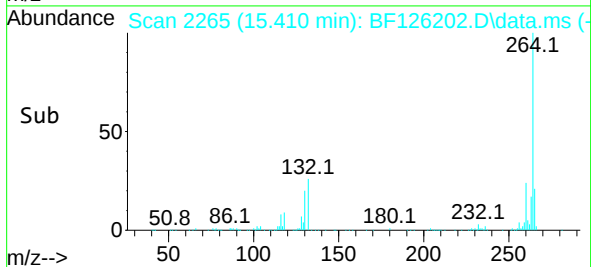
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

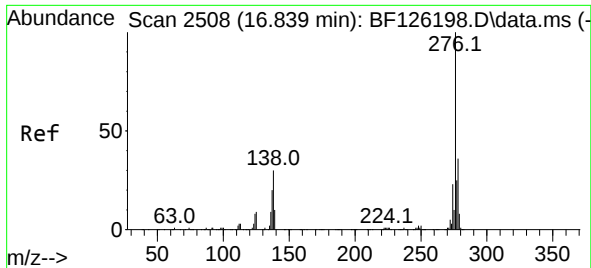


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:264 Resp: 282534
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.2 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.447 ng
 RT: 16.833 min Scan# 2158
 Delta R.T. -0.006 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

ClientSampleId :

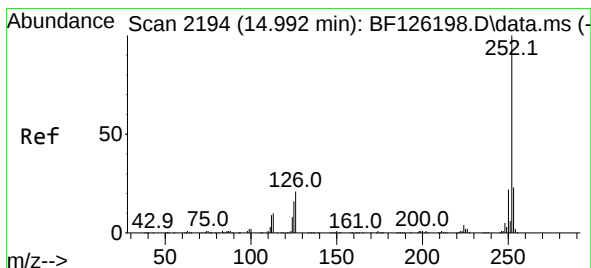
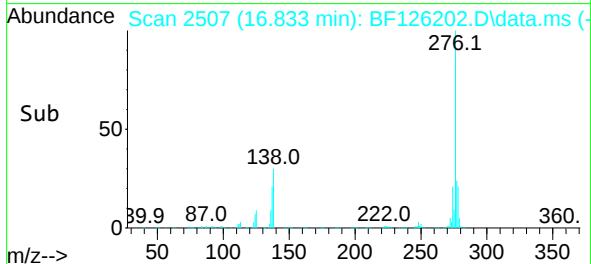
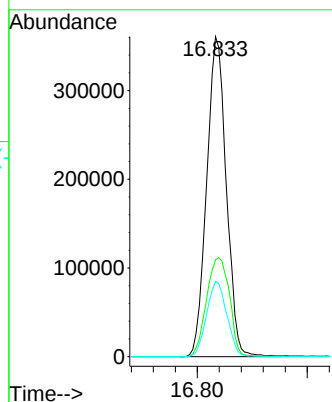
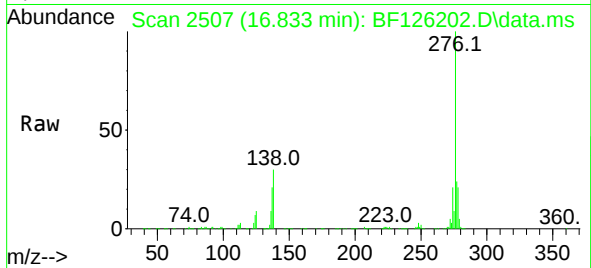
ICVBF121521

Tgt Ion:276 Resp: 894158
 Ion Ratio Lower Upper
 276 100
 138 36.1 24.1 36.1
 277 24.4 18.8 28.2

Manual Integrations

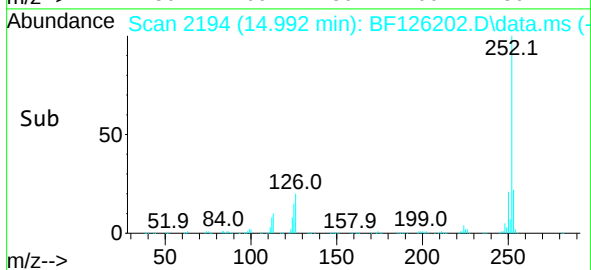
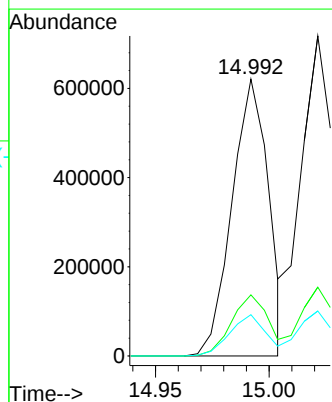
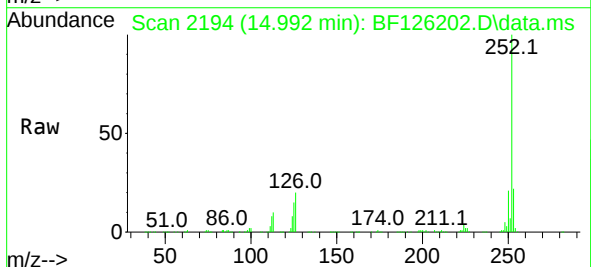
APPROVED

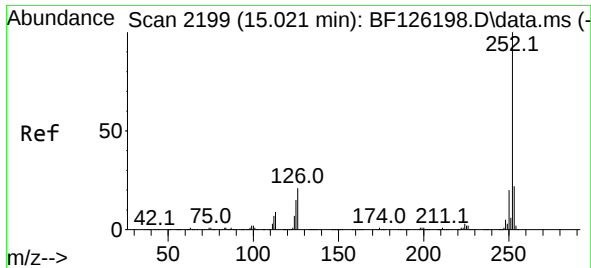
Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :mohammad ahmed 12/17/2021



#88
 Benzo(b)fluoranthene
 Concen: 41.112 ng m
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF126202.D
 Acq: 15 Dec 2021 20:31

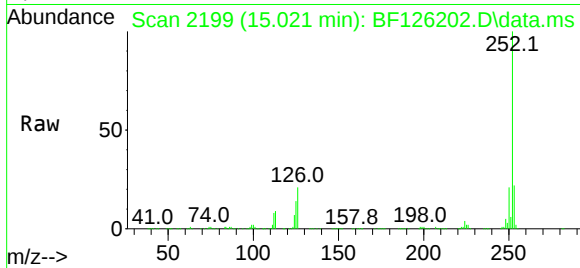
Tgt Ion:252 Resp: 697916
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.8 25.2
 125 14.9 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 44.886 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

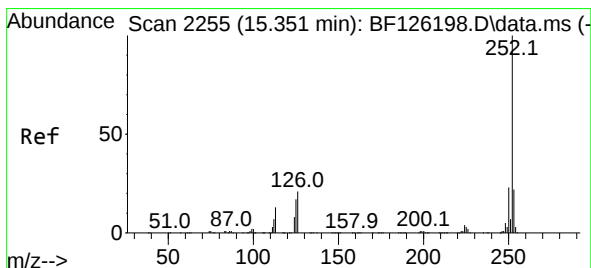
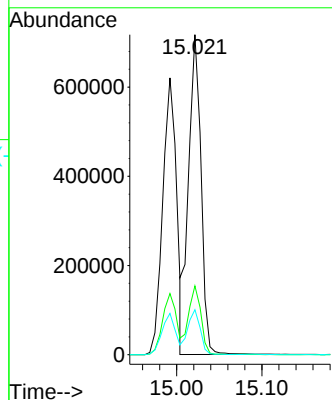
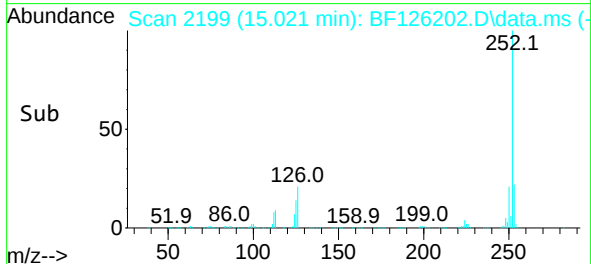
Instrument :
BNA_F
ClientSampleId :
ICVBF121521



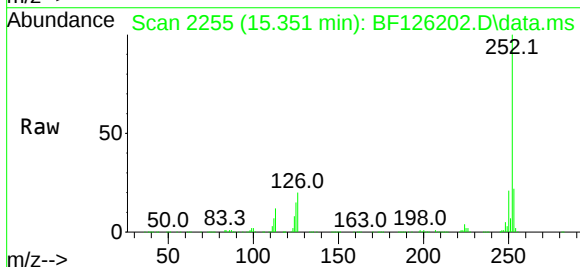
Tgt Ion:252 Resp: 728942
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 14.0 7.2 10.8

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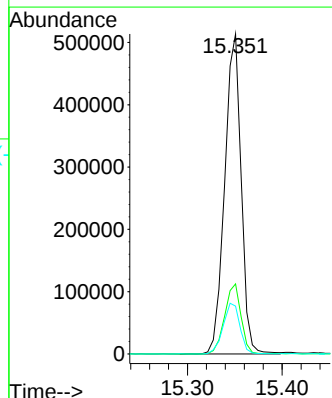
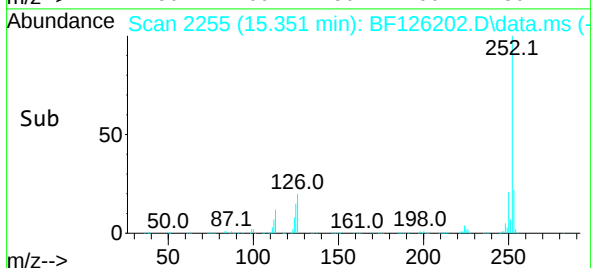
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

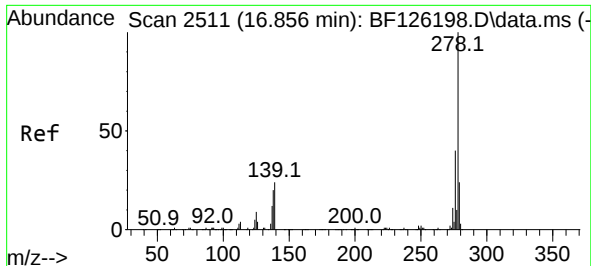


#90
Benzo(a)pyrene
Concen: 43.997 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31



Tgt Ion:252 Resp: 620766
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 15.0 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 47.112 ng
RT: 16.857 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Instrument :

BNA_F

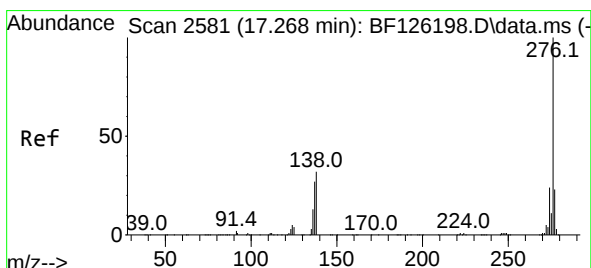
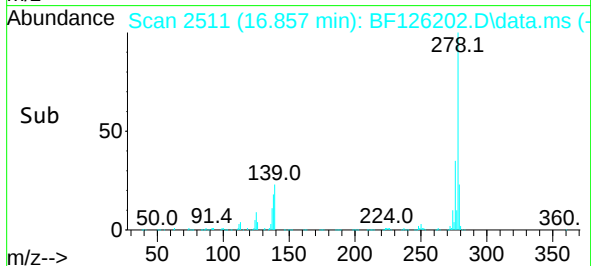
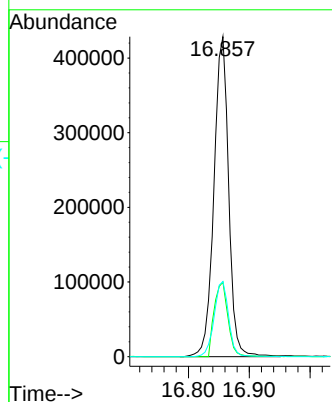
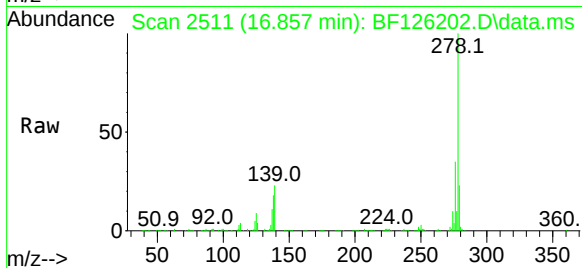
ClientSampleId :

ICVBF121521

Tgt Ion:278 Resp: 72173
Ion Ratio Lower Upper
278 100
139 23.3 14.9 22.3
279 23.5 19.7 29.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021



#92
Benzo(g,h,i)perylene
Concen: 47.937 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BF126202.D
Acq: 15 Dec 2021 20:31

Tgt Ion:276 Resp: 759818
Ion Ratio Lower Upper
276 100
277 22.8 22.0 33.0
138 30.5 22.2 33.4

