

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129959.D
 Acq On : 23 Aug 2022 18:25
 Operator : CG\JU
 Sample : N4120-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-19CMS

Quant Time: Aug 24 01:57:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	147817	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	586744	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	302058	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	478071	20.000	ng	0.00
76) Chrysene-d12	13.951	240	263987	20.000	ng	0.00
86) Perylene-d12	15.404	264	239423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1123190	125.809	ng	0.04
7) Phenol-d6	6.446	99	1335228	119.429	ng	0.01
23) Nitrobenzene-d5	7.351	82	993675	90.658	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	413874	136.520	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1818175	91.421	ng	0.00
79) Terphenyl-d14	12.886	244	1700455	107.181	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.752	88	156016m	42.358	ng	Qvalue
3) Pyridine	3.505	79	206534	21.427	ng	97
4) n-Nitrosodimethylamine	3.405	42	247228	55.655	ng	87
6) Aniline	6.457	93	136337	10.699	ng	# 1
8) 2-Chlorophenol	6.581	128	510891	51.404	ng	96
9) Benzaldehyde	6.340	77	42672	0.521	ng	94
10) Phenol	6.463	94	554300	45.199	ng	# 72
11) bis(2-Chloroethyl)ether	6.522	93	519085	55.740	ng	99
12) 1,3-Dichlorobenzene	6.716	146	506106	47.169	ng	99
13) 1,4-Dichlorobenzene	6.793	146	514750	46.952	ng	99
14) 1,2-Dichlorobenzene	6.946	146	488615	47.987	ng	98
15) Benzyl Alcohol	6.940	79	441842	52.350	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	660692	52.946	ng	75
17) 2-Methylphenol	7.063	107	411575	51.574	ng	98
18) Hexachloroethane	7.281	117	202839	49.269	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	387375	54.816	ng	99
20) 3+4-Methylphenols	7.216	107	541429	50.543	ng	98
22) Acetophenone	7.199	105	776828	54.330	ng	# 96
24) Nitrobenzene	7.369	77	571984	51.753	ng	95
25) Isophorone	7.610	82	1030980	54.651	ng	99
26) 2-Nitrophenol	7.687	139	279511	51.415	ng	97
27) 2,4-Dimethylphenol	7.734	122	449709	57.681	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	622785	56.540	ng	100
29) 2,4-Dichlorophenol	7.940	162	437933	51.370	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	439324	48.848	ng	99
31) Naphthalene	8.081	128	1486439	48.452	ng	100
32) Benzoic acid	7.910	122	252118	64.587	ng	90
33) 4-Chloroaniline	8.157	127	64898	5.379	ng	99
34) Hexachlorobutadiene	8.187	225	267015	48.758	ng	98
35) Caprolactam	8.545	113	112891m	42.583	ng	
36) 4-Chloro-3-methylphenol	8.651	107	478637	52.042	ng	98
37) 2-Methylnaphthalene	8.775	142	992002	49.267	ng	100
38) 1-Methylnaphthalene	8.869	142	947054	48.397	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	447911	53.315	ng	99
41) Hexachlorocyclopentadiene	8.916	237	319143	100.951	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	288403	52.836	ng	96

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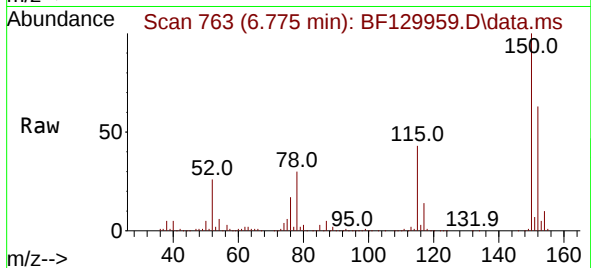
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	292619	49.828	ng	98
46) 1,1'-Biphenyl	9.240	154	1226288	53.440	ng	99
47) 2-Chloronaphthalene	9.263	162	938196	51.673	ng	96
48) 2-Nitroaniline	9.375	65	292255	50.935	ng	96
49) Acenaphthylene	9.681	152	1352786	49.134	ng	99
50) Dimethylphthalate	9.545	163	1122240	51.827	ng	99
51) 2,6-Dinitrotoluene	9.616	165	245480	52.261	ng	92
52) Acenaphthene	9.851	154	846560	50.680	ng	99
53) 3-Nitroaniline	9.787	138	64908	12.495	ng	86
54) 2,4-Dinitrophenol	9.910	184	242866	112.011	ng	96
55) Dibenzofuran	10.022	168	1251955	49.888	ng	94
56) 4-Nitrophenol	9.987	139	206638	89.417	ng	89
57) 2,4-Dinitrotoluene	10.028	165	311919	51.155	ng	95
58) Fluorene	10.369	166	1030678	49.188	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	224337	52.054	ng	# 80
60) Diethylphthalate	10.240	149	1100705	50.980	ng	97
61) 4-Chlorophenyl-phenyle...	10.357	204	485172	51.596	ng	99
62) 4-Nitroaniline	10.416	138	177901m	33.948	ng	
63) Azobenzene	10.516	77	1022471	49.544	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	156565	55.786	ng	87
66) n-Nitrosodiphenylamine	10.481	169	741066	45.927	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	303771	54.250	ng	98
68) Hexachlorobenzene	10.916	284	330542	54.495	ng	98
69) Atrazine	11.010	200	127663	25.777	ng	97
70) Pentachlorophenol	11.128	266	233322	125.199	ng	96
71) Phenanthrene	11.334	178	1365467	51.141	ng	100
72) Anthracene	11.386	178	1353041	50.958	ng	100
73) Carbazole	11.545	167	1092095	45.310	ng	99
74) Di-n-butylphthalate	11.857	149	1632014	52.611	ng	99
75) Fluoranthene	12.522	202	1281143	46.891	ng	98
78) Pyrene	12.751	202	1260720	54.957	ng	100
80) Butylbenzylphthalate	13.357	149	583309	60.091	ng	92
81) Benzo(a)anthracene	13.945	228	936803	51.586	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	32293	5.742	ng	96
83) Chrysene	13.980	228	865910	50.939	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	775713	67.357	ng	98
85) Di-n-octyl phthalate	14.522	149	1119720	70.432	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	923385	56.178	ng	99
88) Benzo(b)fluoranthene	14.986	252	834431	50.897	ng	100
89) Benzo(k)fluoranthene	15.016	252	822678	52.325	ng	98
90) Benzo(a)pyrene	15.345	252	717891	55.605	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	806835	59.492	ng	98
92) Benzo(g,h,i)perylene	17.304	276	811575	59.982	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

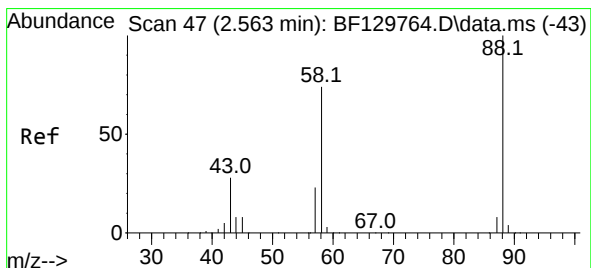
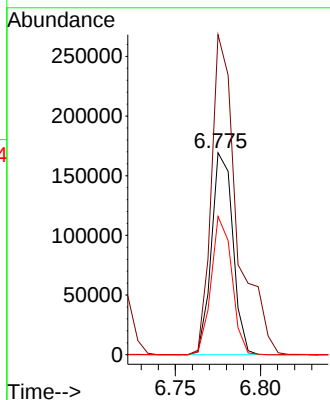
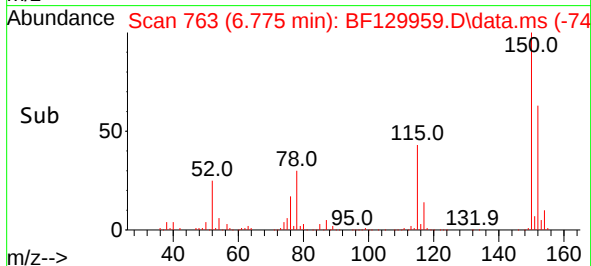
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion: 152 Resp: 14781
Ion Ratio Lower Upper
152 100
150 158.5 126.9 190.3
115 68.5 53.4 80.0

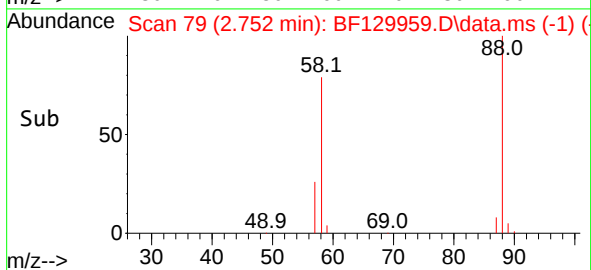
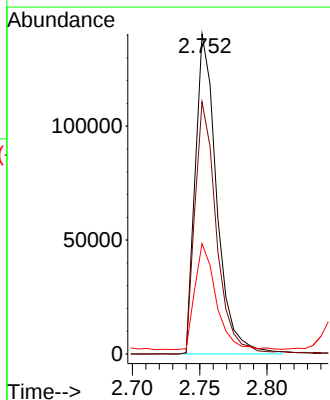
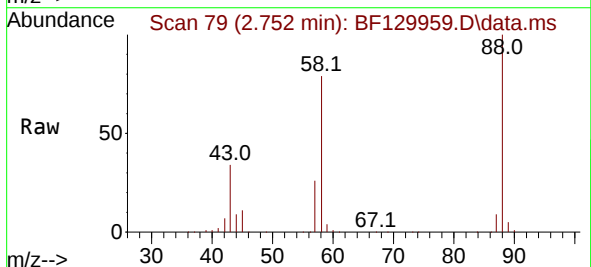
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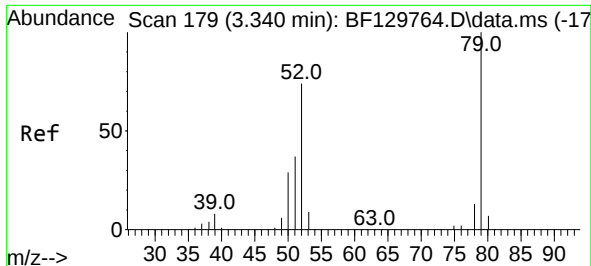
Reviewed By : Christian Giraldo 08/24/2022
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#2
1,4-Dioxane
Concen: 42.358 ng m
RT: 2.752 min Scan# 79
Delta R.T. 0.271 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion: 88 Resp: 156016
Ion Ratio Lower Upper
88 100
58 59.4 60.9 91.3#
43 0.0 23.6 35.4#





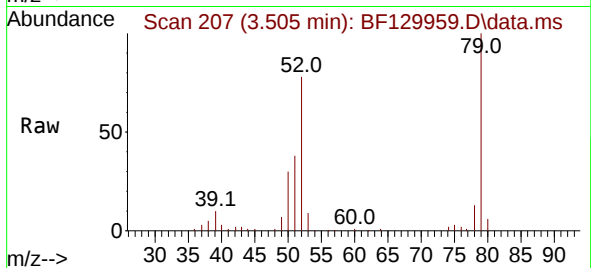
#3
Pyridine
Concen: 21.427 ng
RT: 3.505 min Scan# 20
Delta R.T. 0.259 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

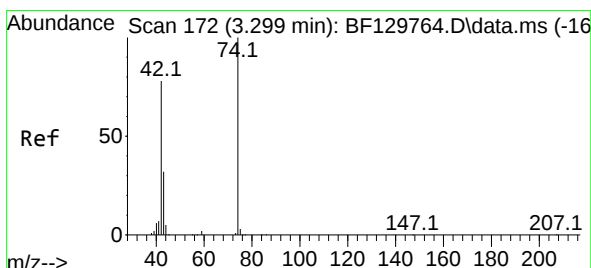
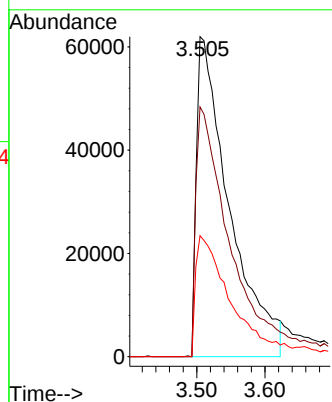
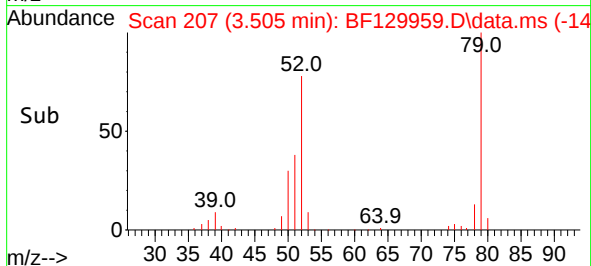


Tgt Ion: 79 Resp: 206534
Ion Ratio Lower Upper
79 100
52 78.1 59.4 89.2
51 37.8 29.5 44.3

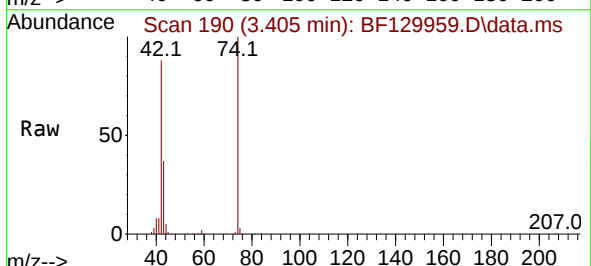
Manual Integrations

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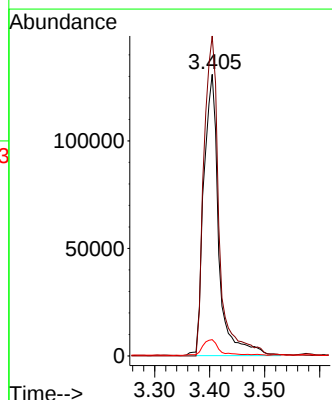
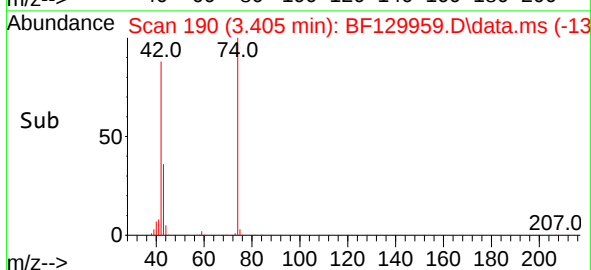
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Supervised By :Jagrut Upadhyay 08/24/2022

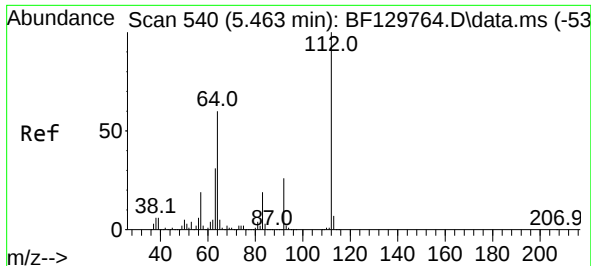


#4
n-Nitrosodimethylamine
Concen: 55.655 ng
RT: 3.405 min Scan# 190
Delta R.T. 0.200 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



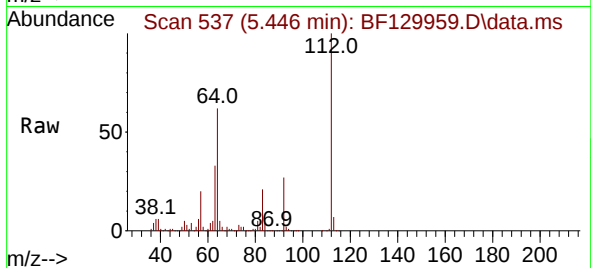
Tgt Ion: 42 Resp: 247228
Ion Ratio Lower Upper
42 100
74 113.6 103.1 154.7
44 5.8 5.4 8.2





#5
2-Fluorophenol
Concen: 125.809 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.036 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

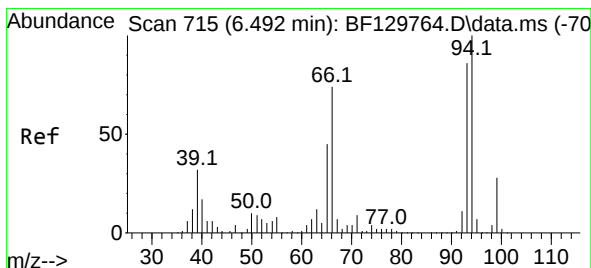
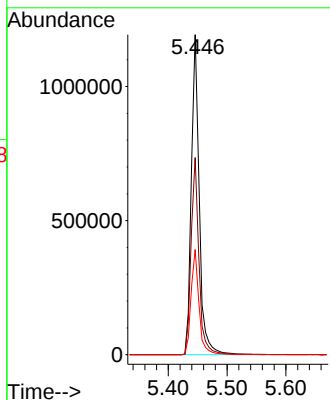
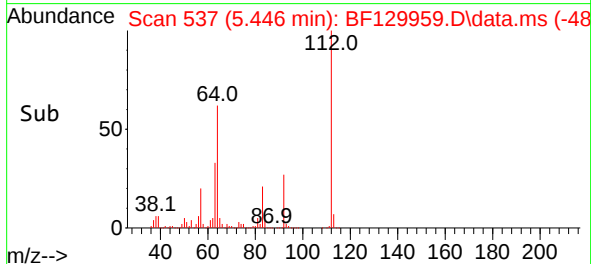
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:112 Resp: 1123190
Ion Ratio Lower Upper
112 100
64 61.6 47.6 71.4
63 32.8 24.6 37.0

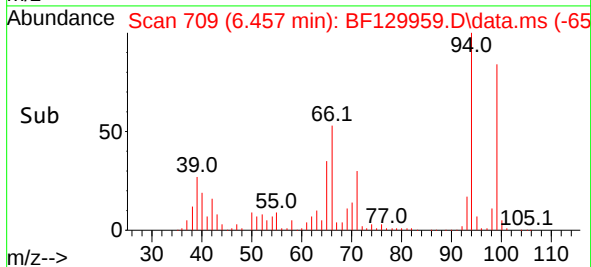
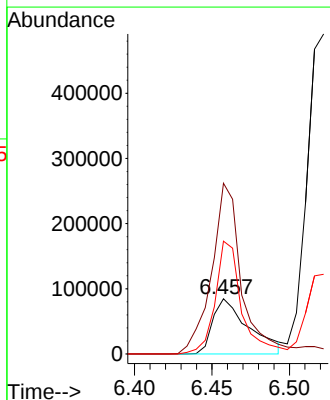
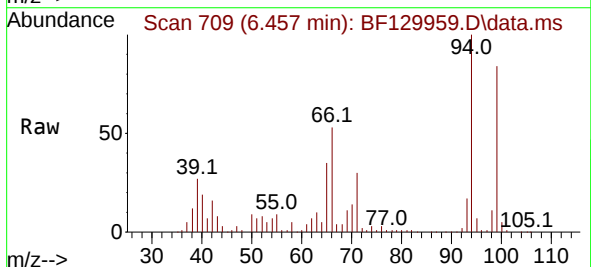
Manual Integrations
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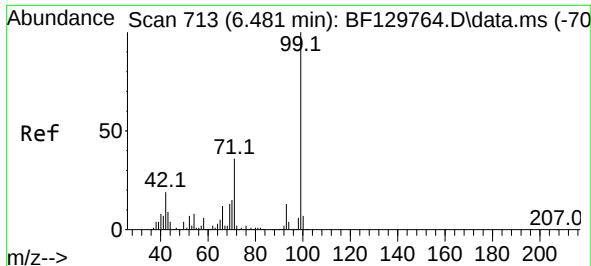
Reviewed By :Christian Giraldo 08/24/2022
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#6
Aniline
Concen: 10.699 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

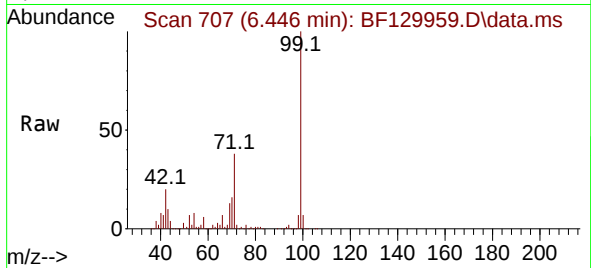
Tgt Ion: 93 Resp: 136337
Ion Ratio Lower Upper
93 100
66 309.2 68.7 103.1#
65 204.3 41.6 62.4#





#7
Phenol-d6
Concen: 119.429 ng
RT: 6.446 min Scan# 707
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

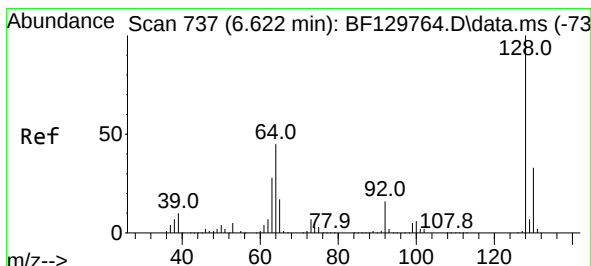
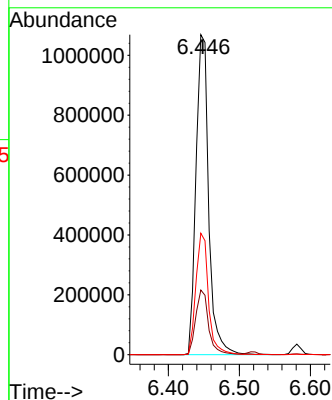
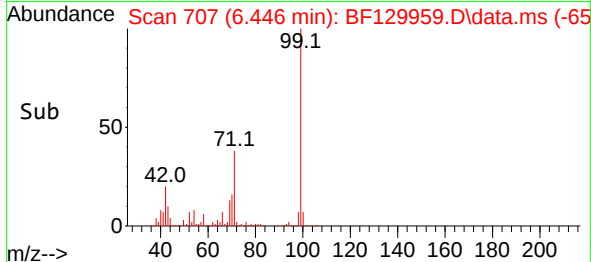
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



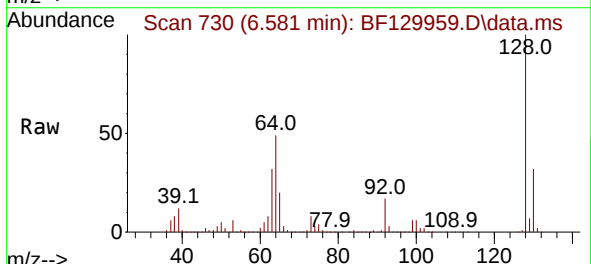
Tgt Ion: 99 Resp: 1335228
Ion Ratio Lower Upper
99 100
42 20.2 15.0 22.4
71 38.0 28.8 43.2

Manual Integrations
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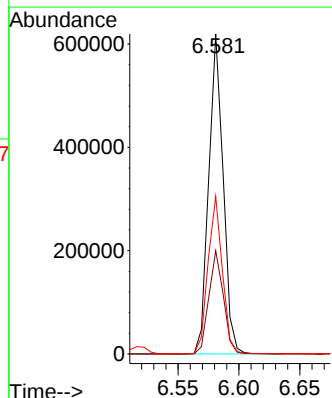
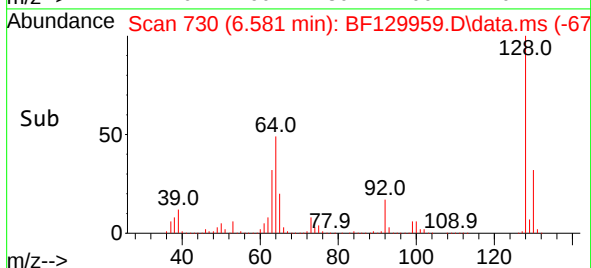
Reviewed By :Christian Giraldo 08/24/2022
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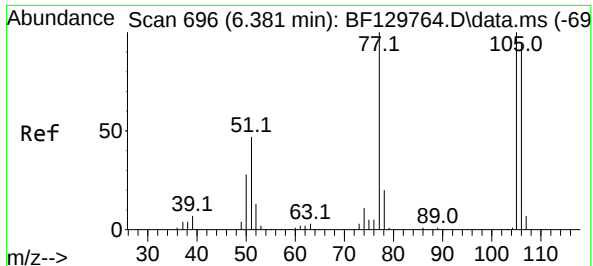


#8
2-Chlorophenol
Concen: 51.404 ng
RT: 6.581 min Scan# 730
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



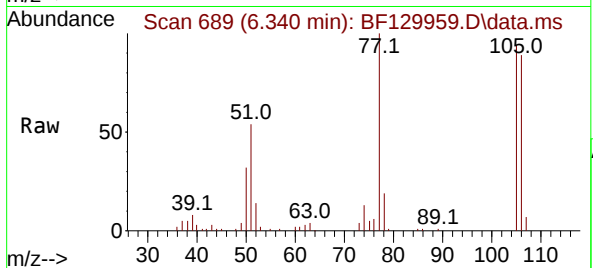
Tgt Ion:128 Resp: 510891
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 49.2 24.9 64.9





#9
Benzaldehyde
Concen: 0.521 ng
RT: 6.340 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

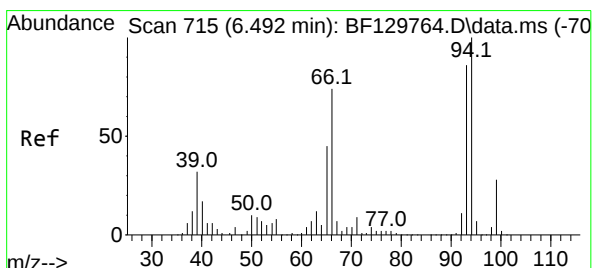
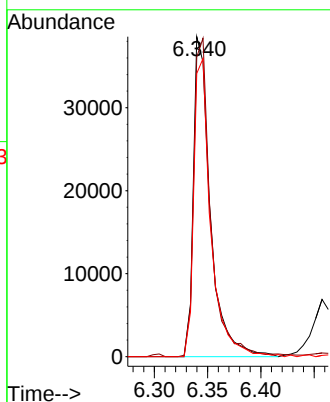
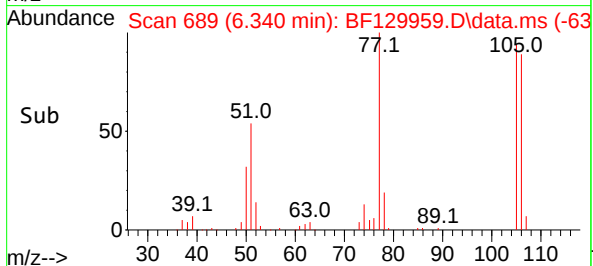
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion: 77 Resp: 42672
Ion Ratio Lower Upper
77 100
105 93.7 80.3 120.3
106 88.5 74.3 114.3

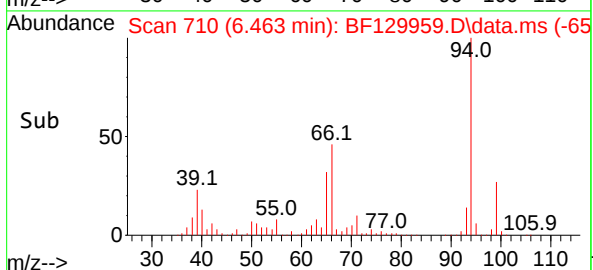
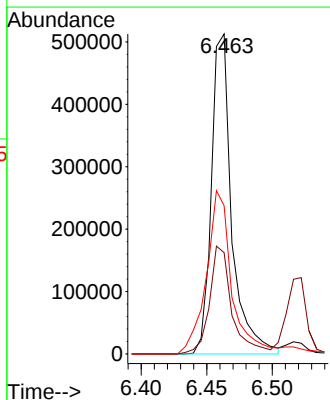
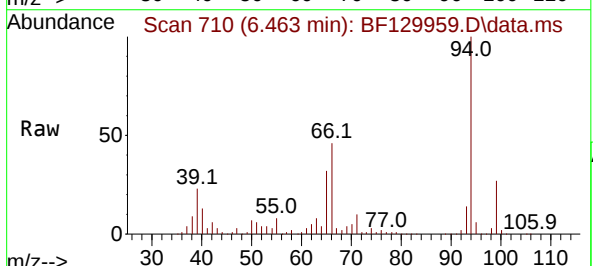
Manual Integrations
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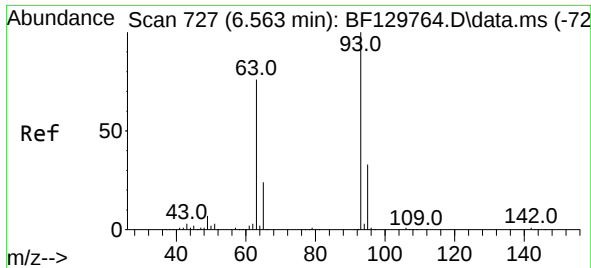
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#10
Phenol
Concen: 45.199 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion: 94 Resp: 554300
Ion Ratio Lower Upper
94 100
65 31.6 24.9 64.9
66 46.3 54.2 94.2#





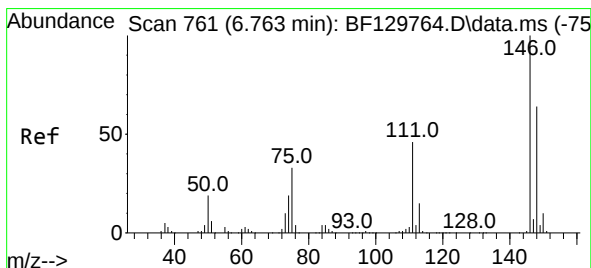
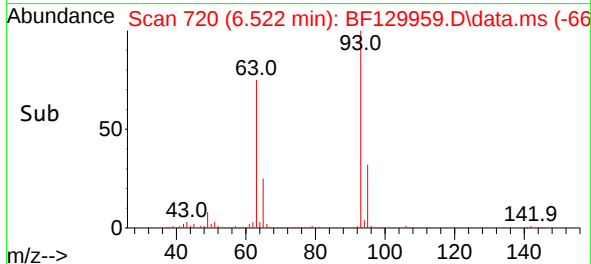
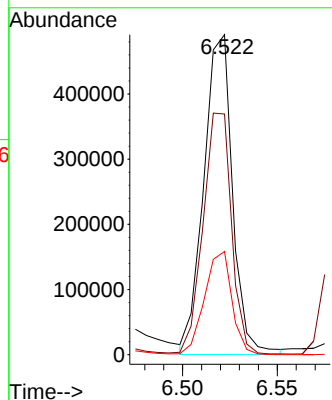
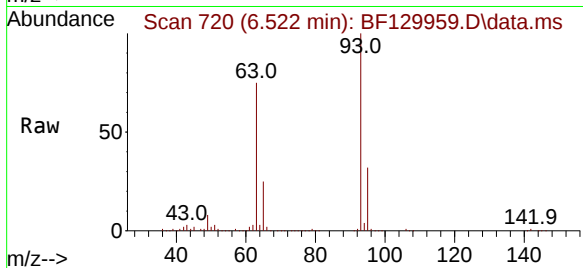
#11
bis(2-Chloroethyl)ether
Concen: 55.740 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS

Tgt Ion: 93 Resp: 51908
Ion Ratio Lower Upper
93 100
63 75.2 55.9 95.9
95 32.3 12.3 52.3

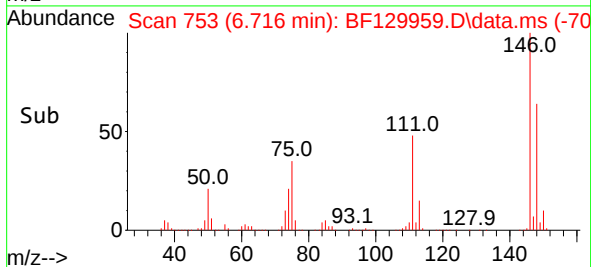
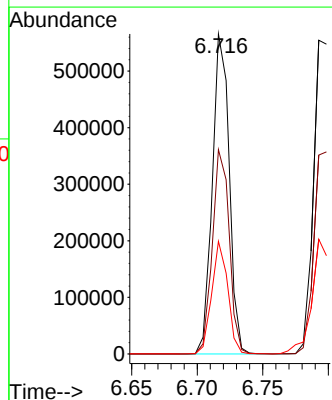
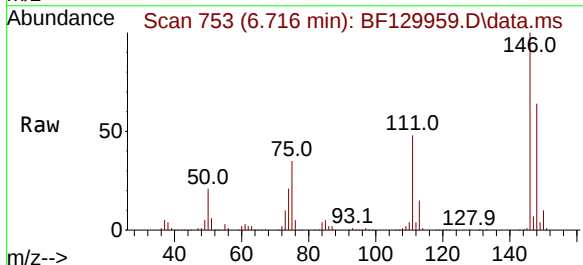
Manual Integrations
APPROVED

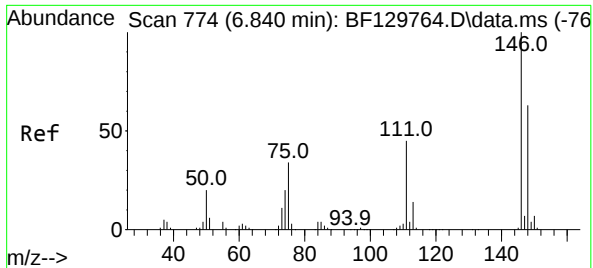
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#12
1,3-Dichlorobenzene
Concen: 47.169 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:146 Resp: 506106
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 35.2 26.5 39.7





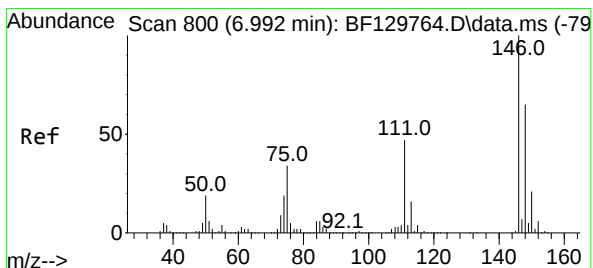
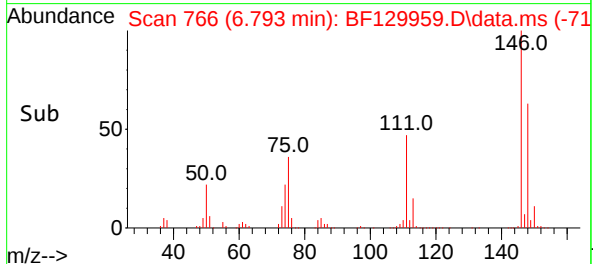
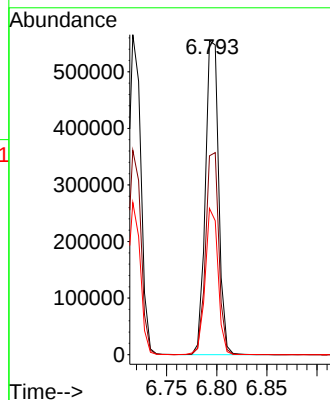
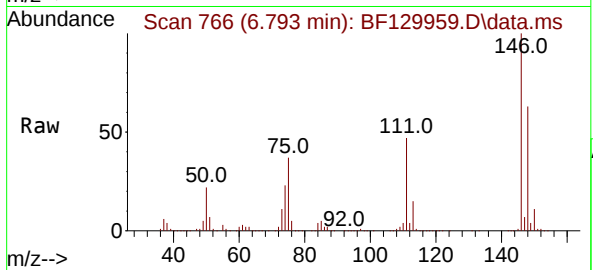
#13
1,4-Dichlorobenzene
Concen: 46.952 ng
RT: 6.793 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS

Tgt Ion:146 Resp: 514750
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 46.6 36.2 54.4

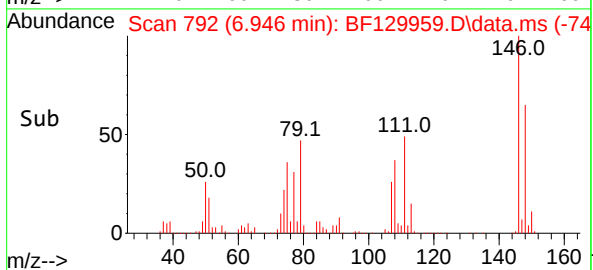
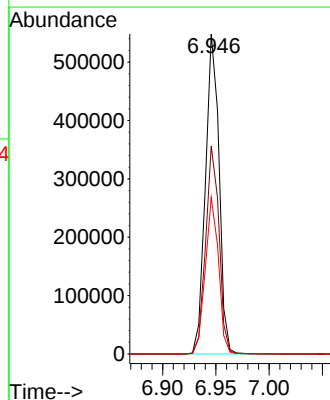
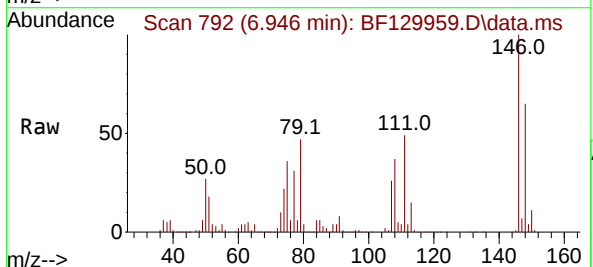
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#14
1,2-Dichlorobenzene
Concen: 47.987 ng
RT: 6.946 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

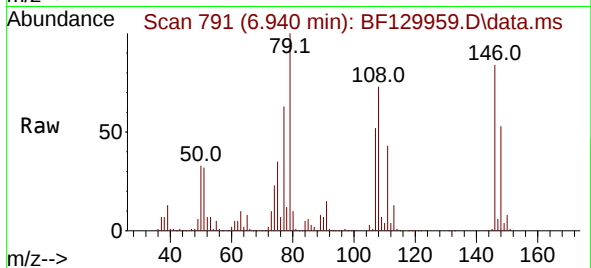
Tgt Ion:146 Resp: 488615
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 49.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 52.350 ng
RT: 6.940 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

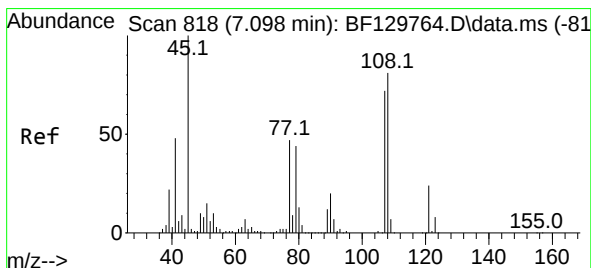
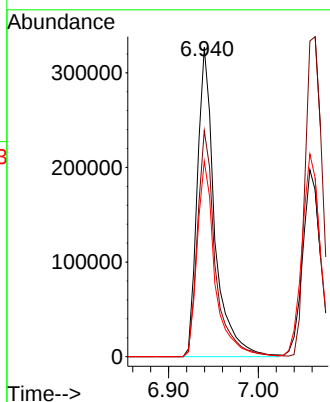
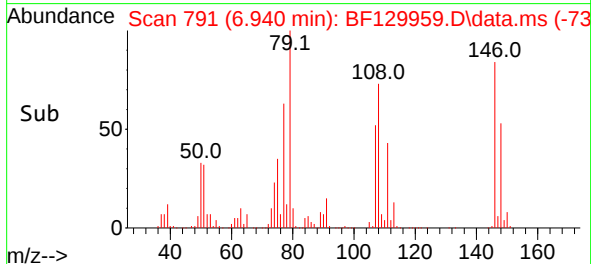
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



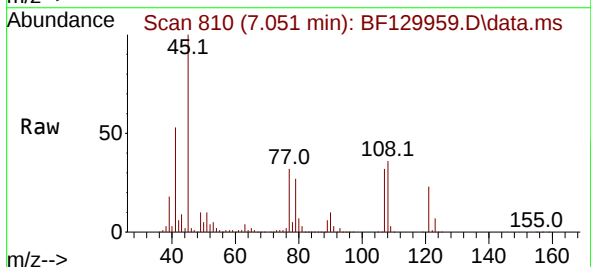
Tgt Ion: 79 Resp: 44184
Ion Ratio Lower Upper
79 100
108 73.1 59.2 88.8
77 63.2 51.9 77.9

Manual Integrations
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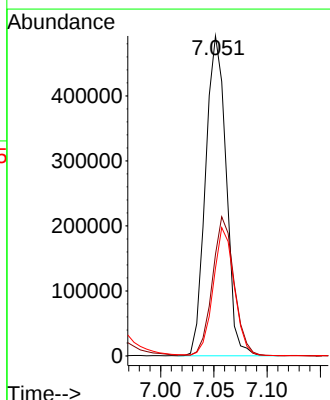
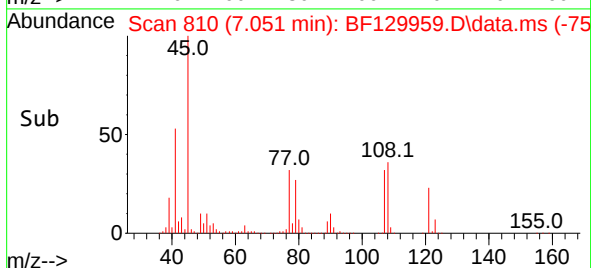
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

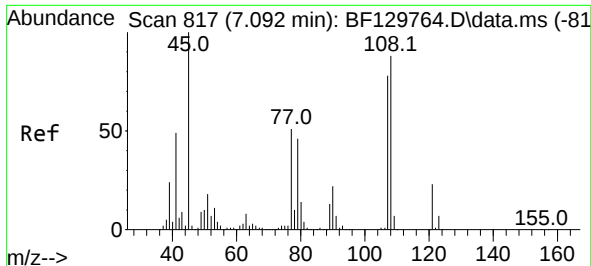


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.946 ng
RT: 7.051 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion: 45 Resp: 660692
Ion Ratio Lower Upper
45 100
77 31.8 27.4 67.4
79 27.5 24.4 64.4





#17
2-Methylphenol
Concen: 51.574 ng
RT: 7.063 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

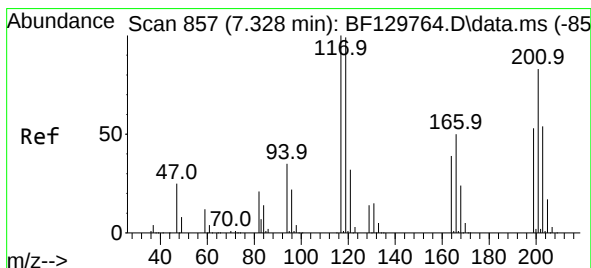
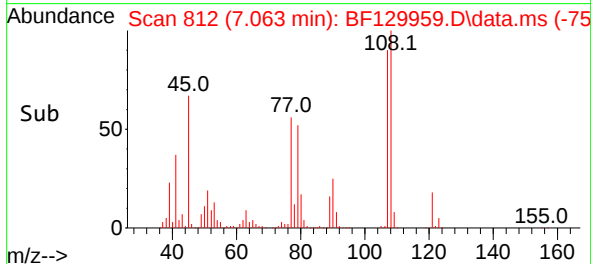
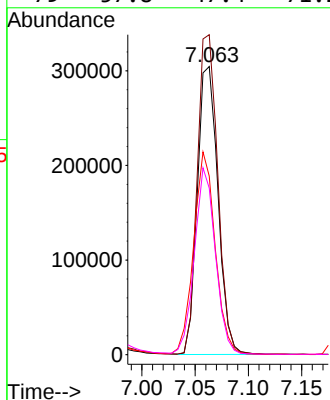
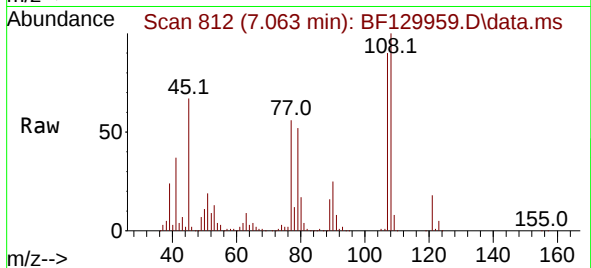
BLDG-19CMS

Tgt Ion:107 Resp: 411574
Ion Ratio Lower Upper
107 100
108 111.0 90.2 135.2
77 61.9 51.8 77.8
79 57.8 47.4 71.2

Manual Integrations

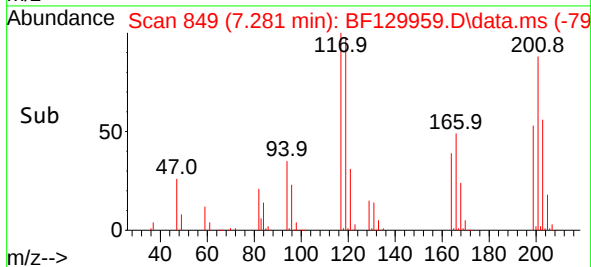
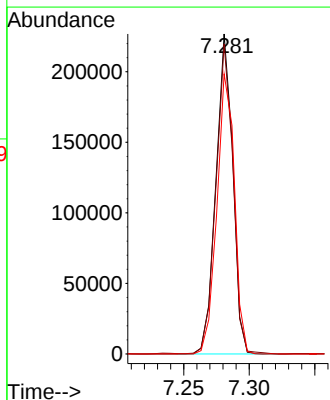
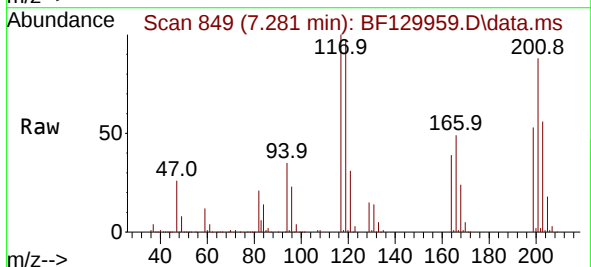
APPROVED

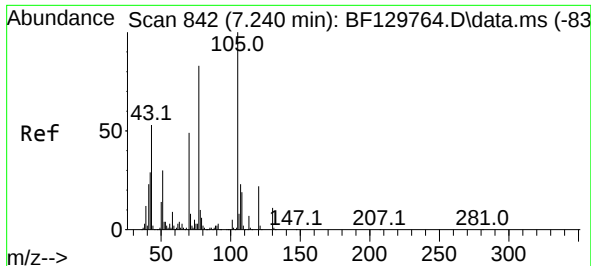
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#18
Hexachloroethane
Concen: 49.269 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

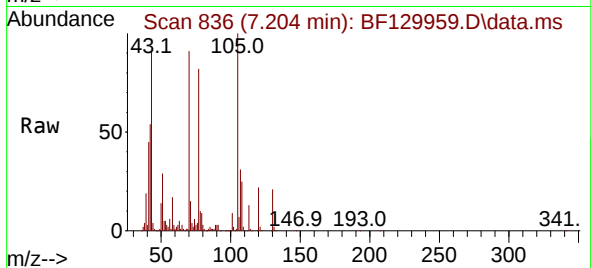
Tgt Ion:117 Resp: 202839
Ion Ratio Lower Upper
117 100
119 96.9 79.1 118.7
201 87.6 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 54.816 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

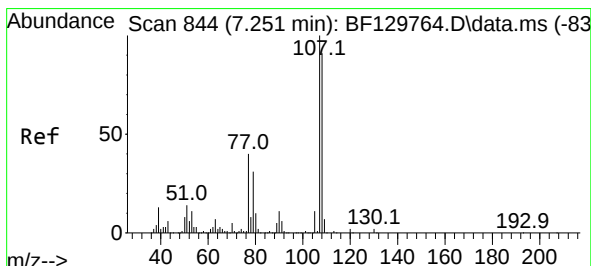
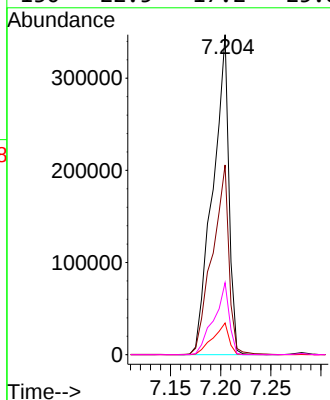
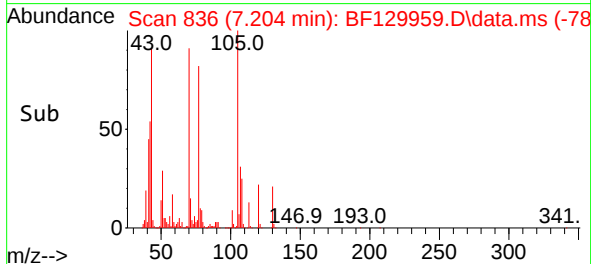
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



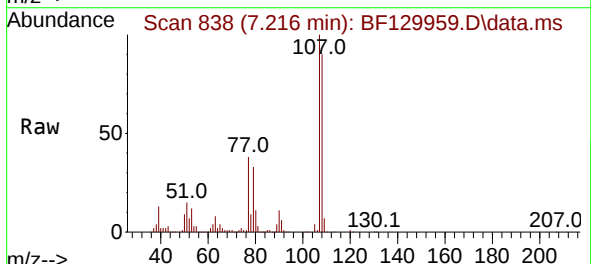
Tgt Ion: 70 Resp: 38737
Ion Ratio Lower Upper
70 100
42 59.3 47.6 71.4
101 9.9 8.1 12.1
130 22.5 17.2 25.8

Manual Integrations
APPROVED

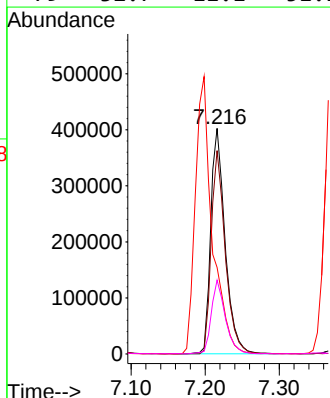
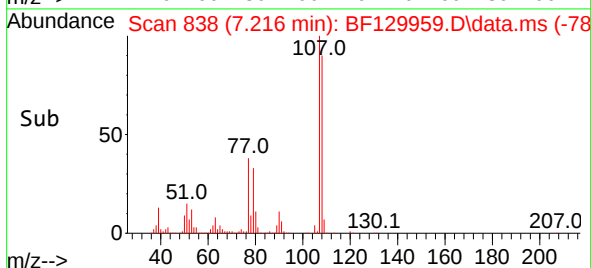
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

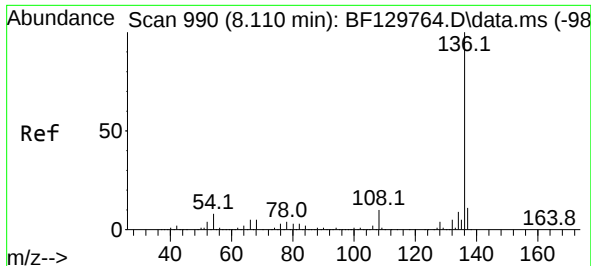


#20
3+4-Methylphenols
Concen: 50.543 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion:107 Resp: 541429
Ion Ratio Lower Upper
107 100
108 90.1 71.3 111.3
77 38.4 20.4 60.4
79 32.7 11.1 51.1





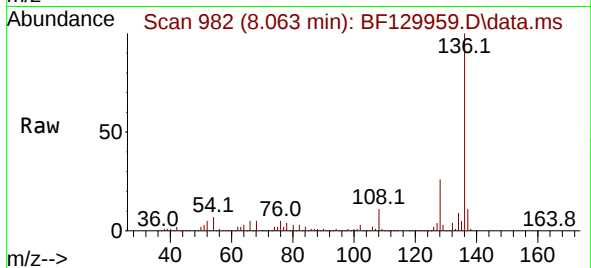
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

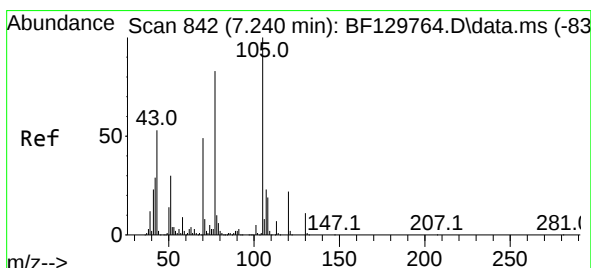
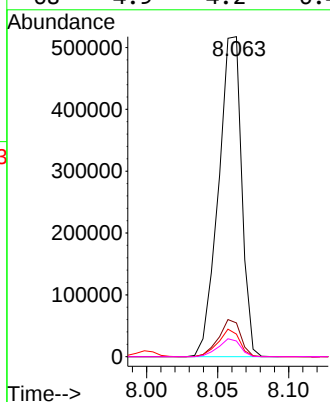
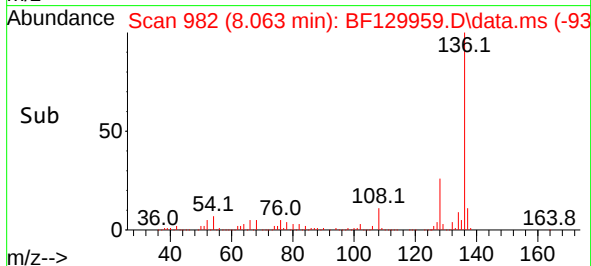


Tgt Ion:136 Resp: 586744
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.1 6.2 9.2
68 4.9 4.2 6.4

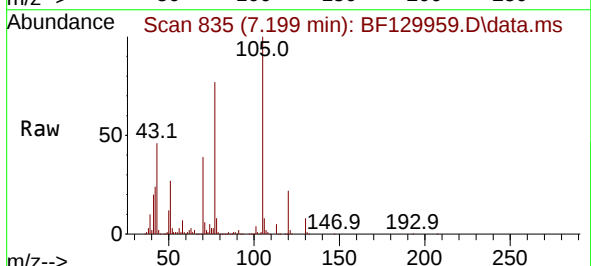
Manual Integrations

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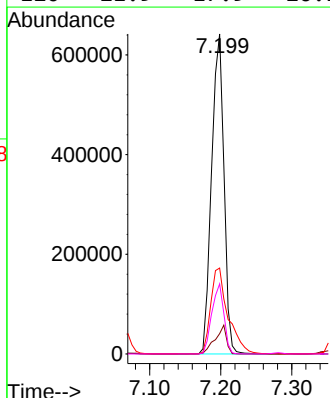
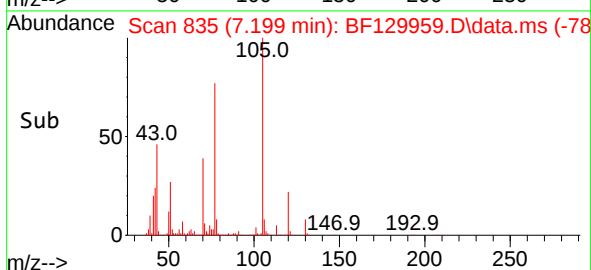
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#22
Acetophenone
Concen: 54.330 ng
RT: 7.199 min Scan# 835
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion:105 Resp: 776828
Ion Ratio Lower Upper
105 100
71 6.4 6.6 9.8#
51 26.9 23.8 35.8
120 21.9 17.9 26.9





#23

Nitrobenzene-d5

Concen: 90.658 ng

RT: 7.351 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

Tgt Ion: 82 Resp: 993679

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

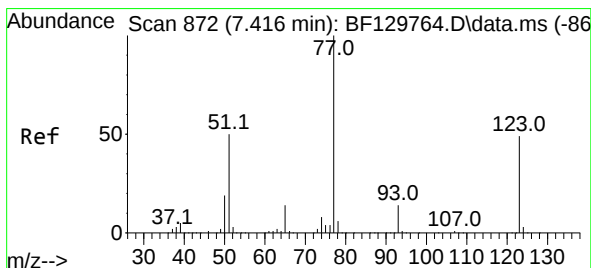
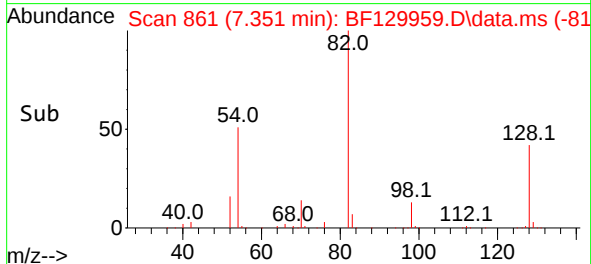
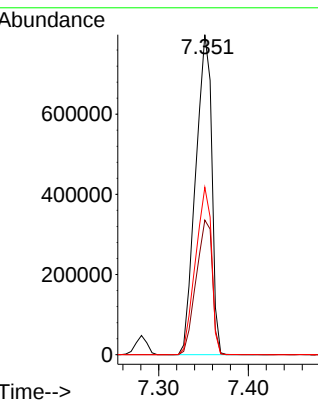
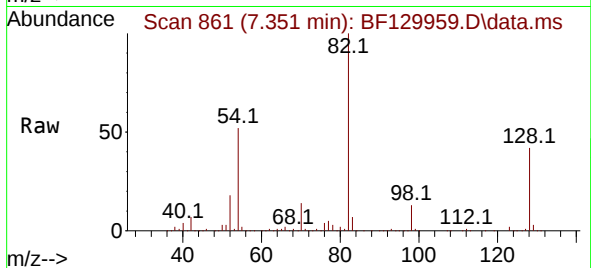
54 52.3 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#24

Nitrobenzene

Concen: 51.753 ng

RT: 7.369 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

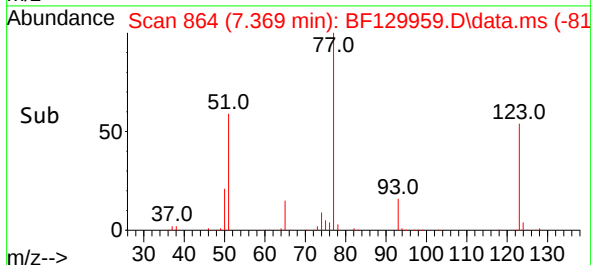
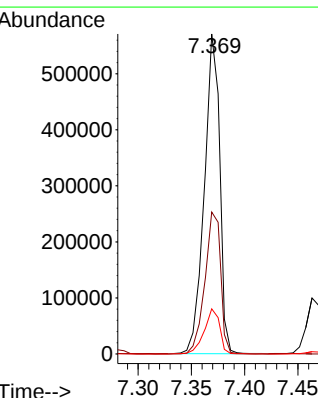
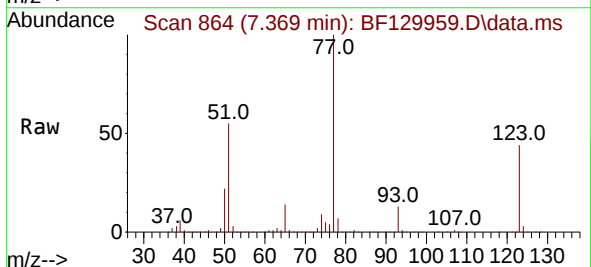
Tgt Ion: 77 Resp: 571984

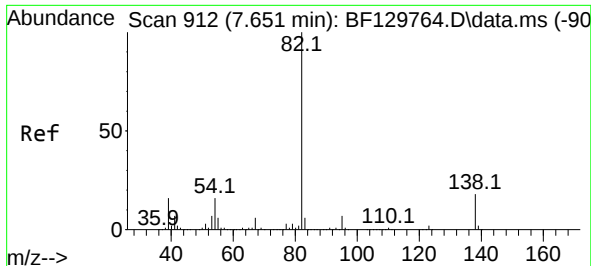
Ion Ratio Lower Upper

77 100

123 44.3 39.2 58.8

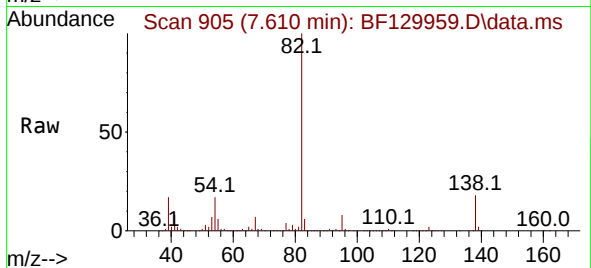
65 14.1 11.1 16.7





#25
Isophorone
Concen: 54.651 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

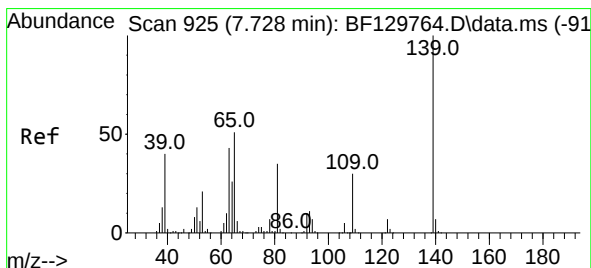
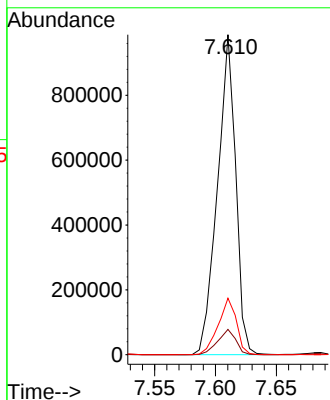
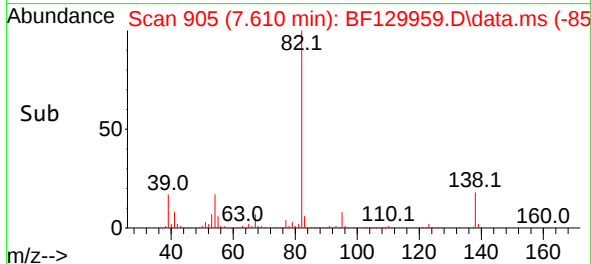
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion: 82 Resp: 1030980
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 17.7 14.6 21.8

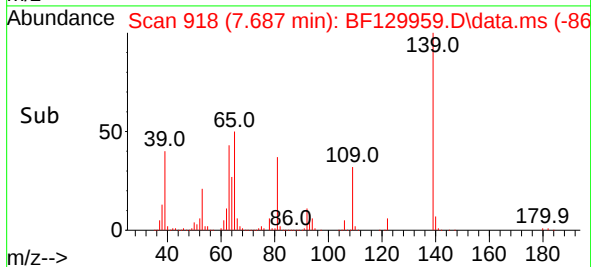
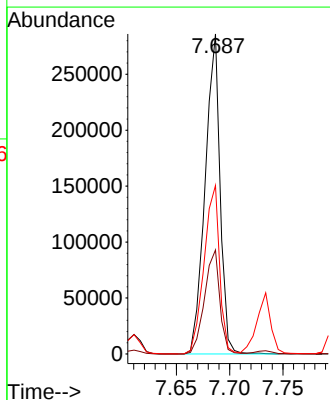
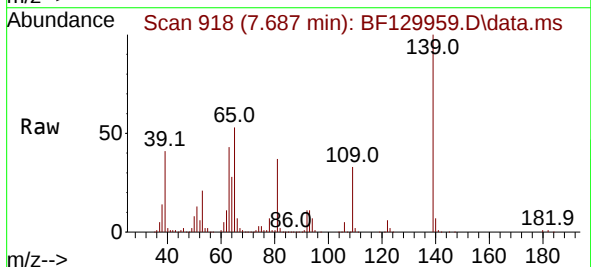
Manual Integrations
APPROVED

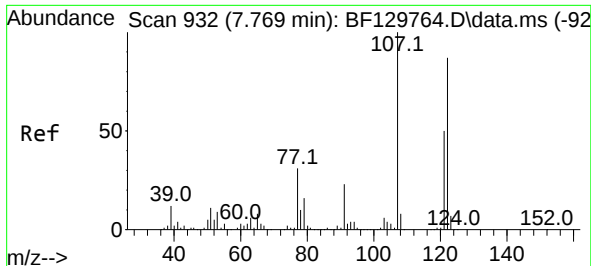
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#26
2-Nitrophenol
Concen: 51.415 ng
RT: 7.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:139 Resp: 279511
Ion Ratio Lower Upper
139 100
109 32.5 24.4 36.6
65 52.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 57.681 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129959.D

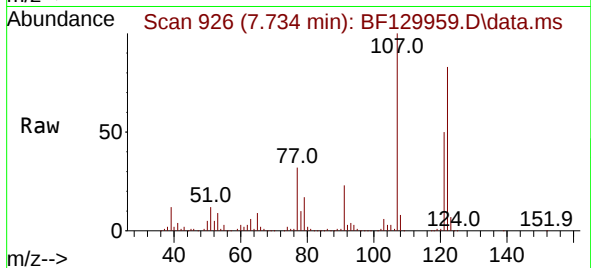
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS



Tgt Ion:122 Resp: 449709

Ion Ratio Lower Upper

122 100

107 120.9 92.2 138.4

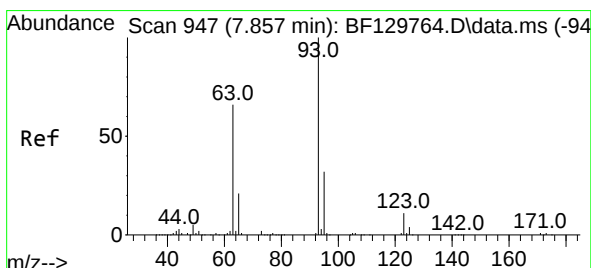
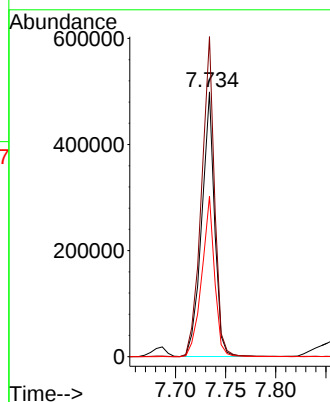
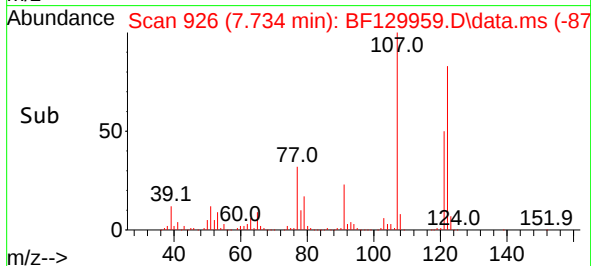
121 60.6 46.1 69.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#28

bis(2-Chloroethoxy)methane

Concen: 56.540 ng

RT: 7.810 min Scan# 939

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

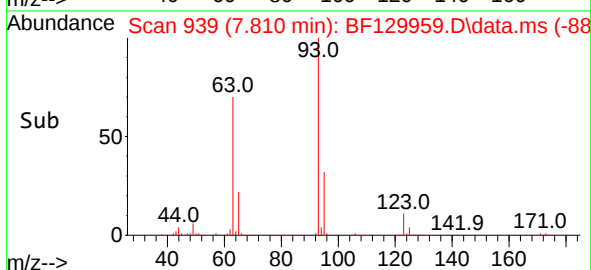
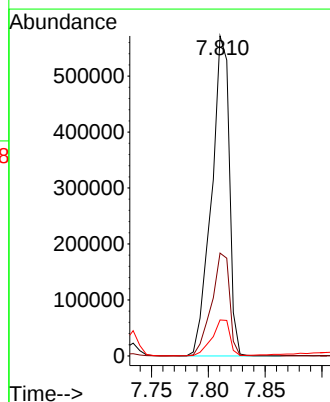
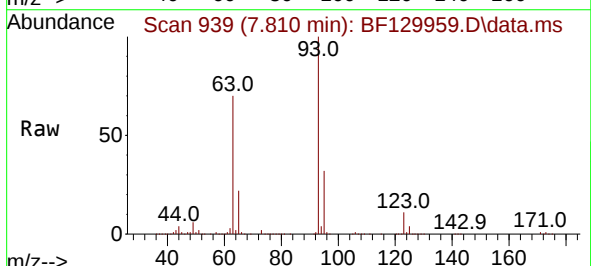
Tgt Ion: 93 Resp: 622785

Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 51.370 ng

RT: 7.940 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

Tgt Ion:162 Resp: 43793

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

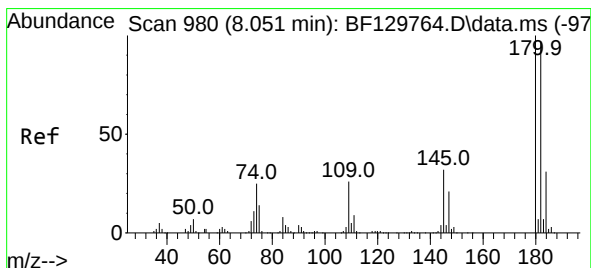
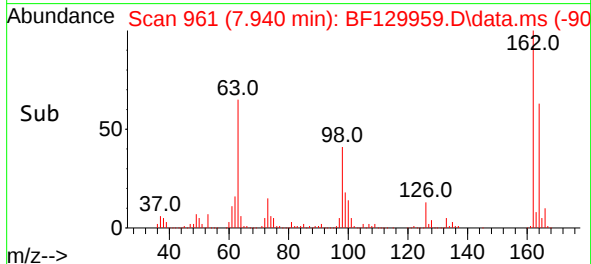
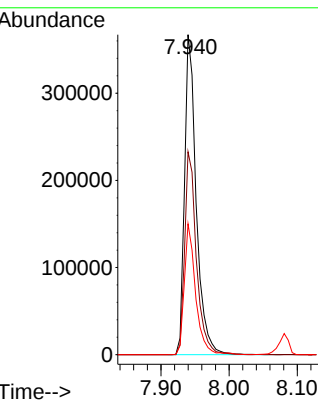
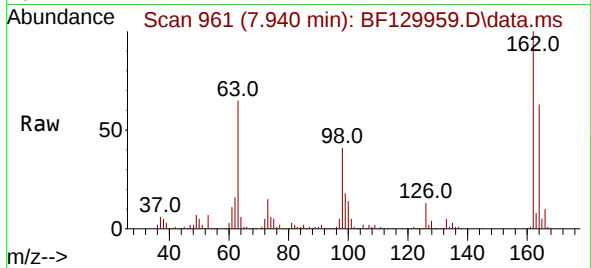
98 40.9 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.848 ng

RT: 8.004 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

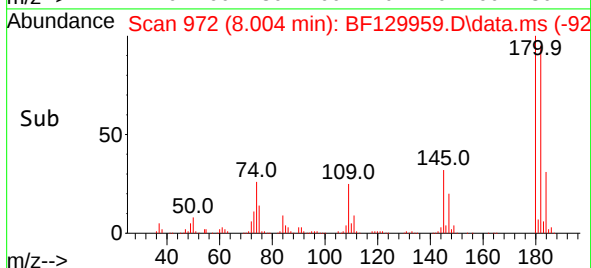
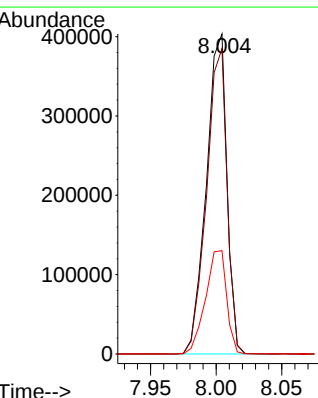
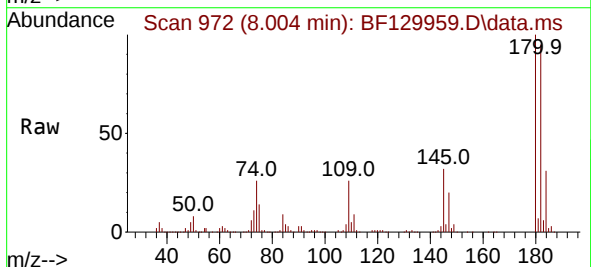
Tgt Ion:180 Resp: 439324

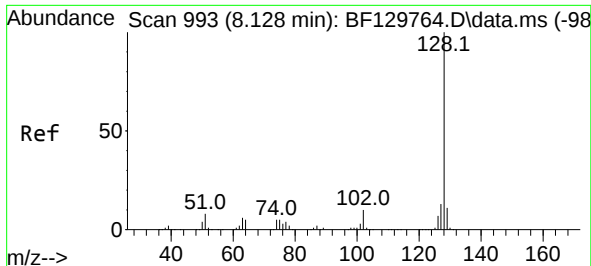
Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

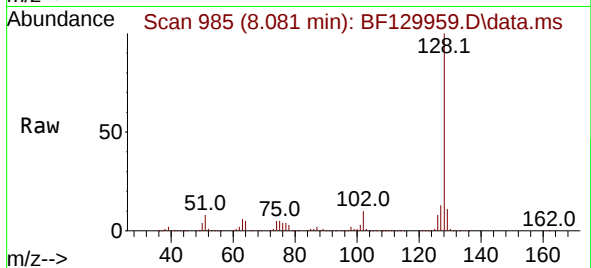
145 32.3 25.6 38.4





#31
Naphthalene
Concen: 48.452 ng
RT: 8.081 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

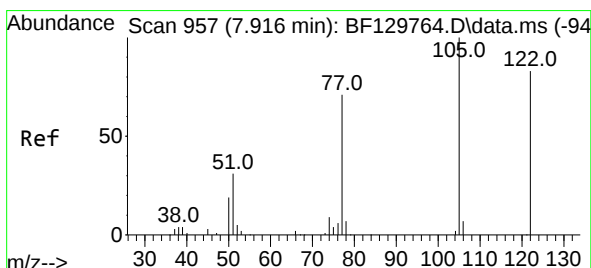
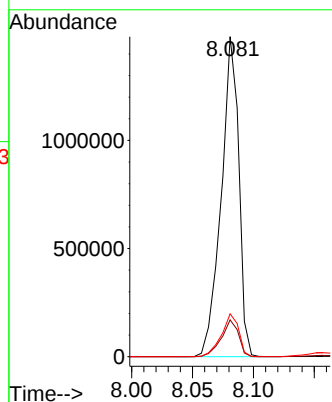
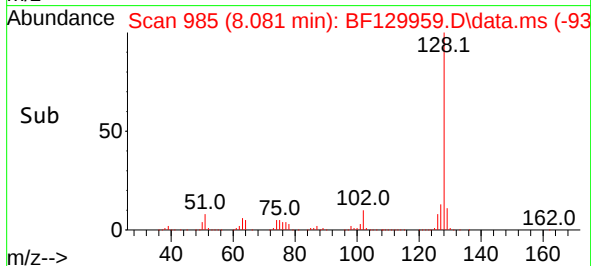
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:128 Resp: 1486439
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.4 10.7 16.1

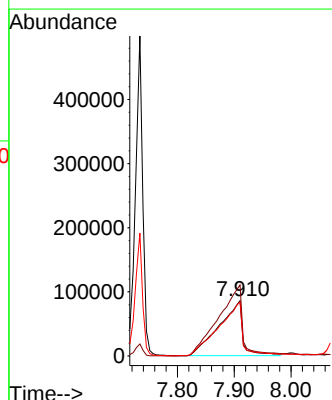
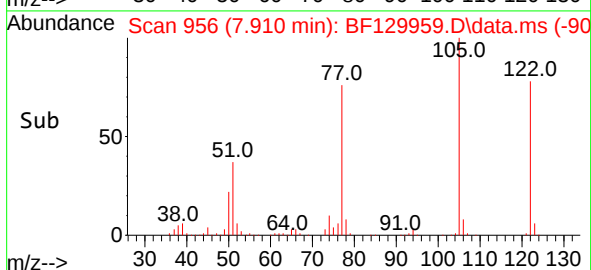
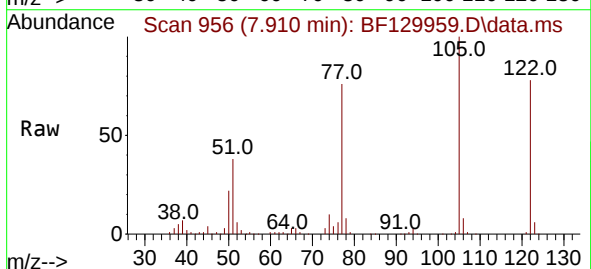
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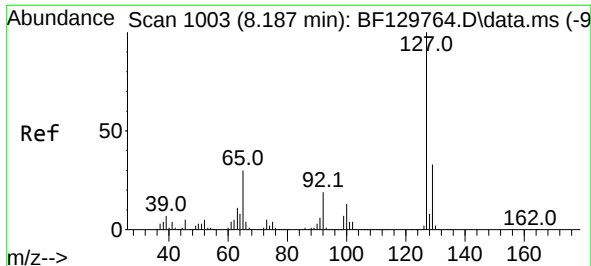
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#32
Benzoic acid
Concen: 64.587 ng
RT: 7.910 min Scan# 956
Delta R.T. 0.030 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

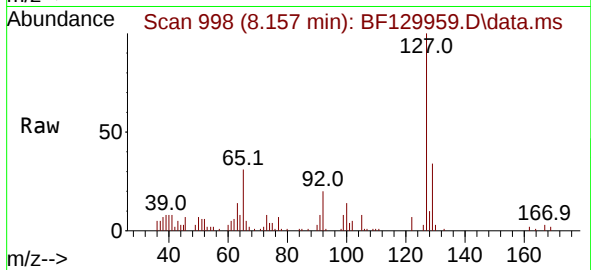
Tgt Ion:122 Resp: 252118
Ion Ratio Lower Upper
122 100
105 128.6 99.9 139.9
77 98.0 65.9 105.9





#33
4-Chloroaniline
Concen: 5.379 ng
RT: 8.157 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

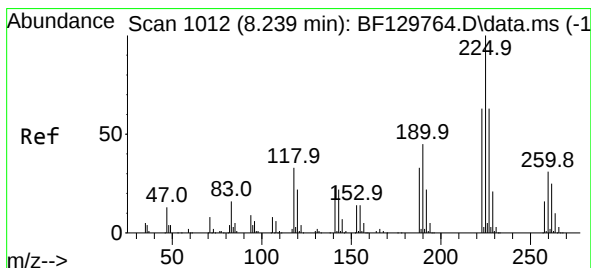
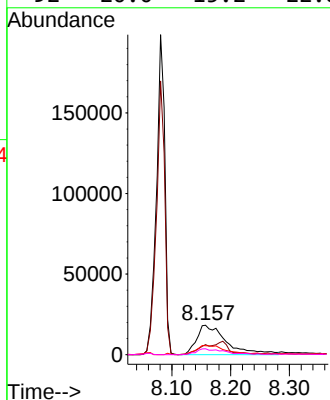
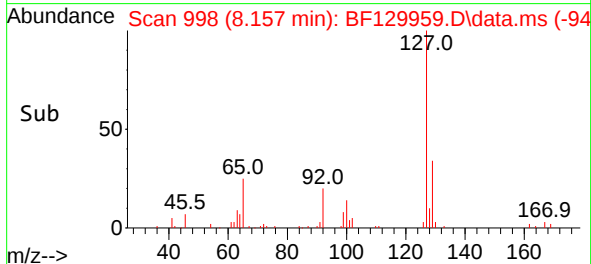
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:127 Resp: 64898
Ion Ratio Lower Upper
127 100
129 34.3 26.7 40.1
65 30.7 24.2 36.2
92 20.0 15.2 22.8

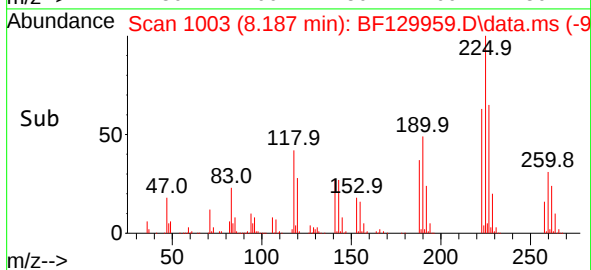
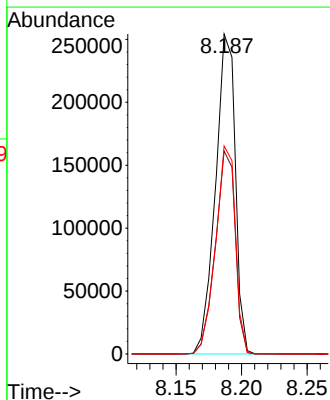
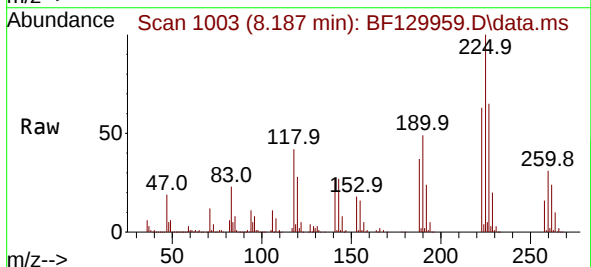
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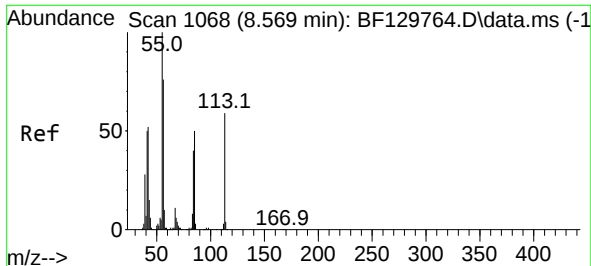
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#34
Hexachlorobutadiene
Concen: 48.758 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

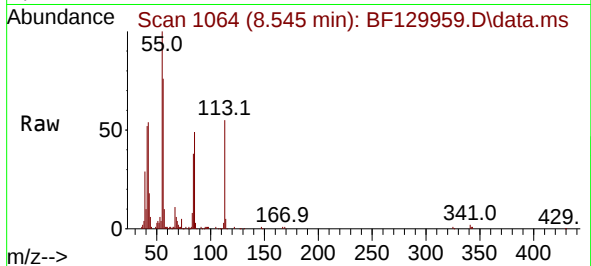
Tgt Ion:225 Resp: 267015
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 65.0 50.6 75.8





#35
Caprolactam
Concen: 42.583 ng m
RT: 8.545 min Scan# 1064
Delta R.T. 0.018 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

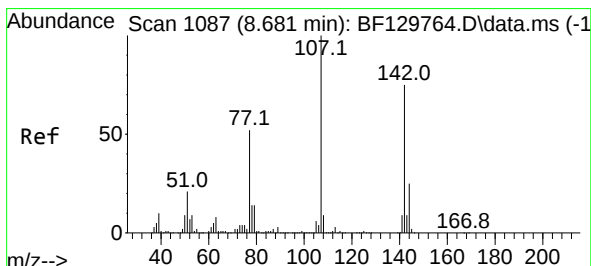
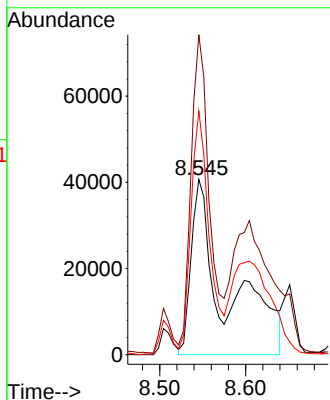
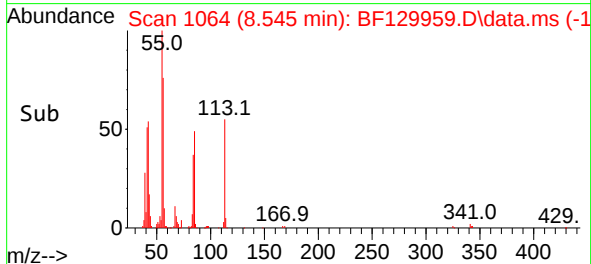
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:113 Resp: 11289
Ion Ratio Lower Upper
113 100
55 182.7 148.8 188.8
56 139.2 109.1 149.1

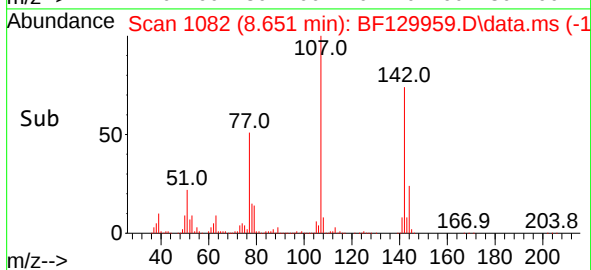
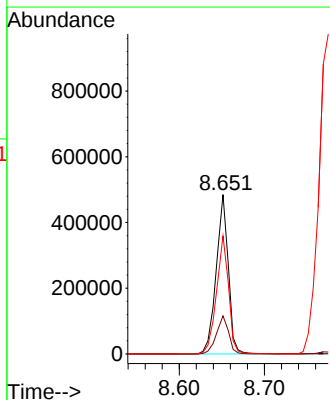
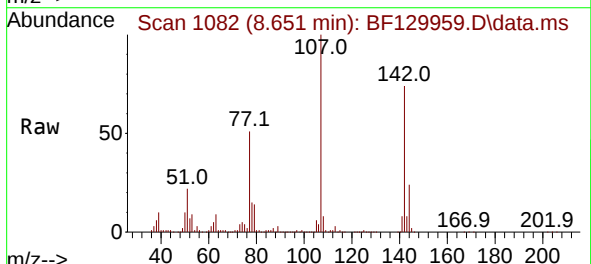
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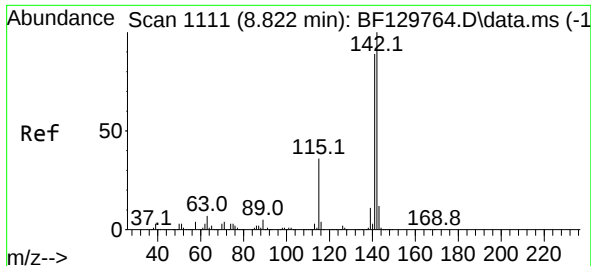
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#36
4-Chloro-3-methylphenol
Concen: 52.042 ng
RT: 8.651 min Scan# 1082
Delta R.T. 0.018 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:107 Resp: 478637
Ion Ratio Lower Upper
107 100
144 23.9 19.9 29.9
142 74.1 60.2 90.4





#37

2-Methylnaphthalene

Concen: 49.267 ng

RT: 8.775 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

Tgt Ion:142 Resp: 99200

Ion Ratio Lower Upper

142 100

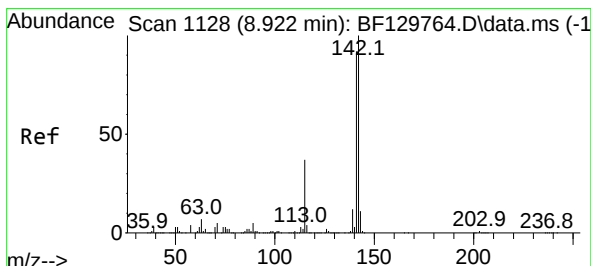
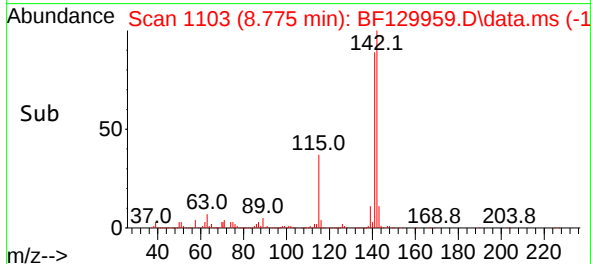
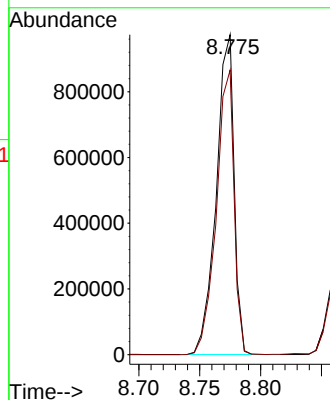
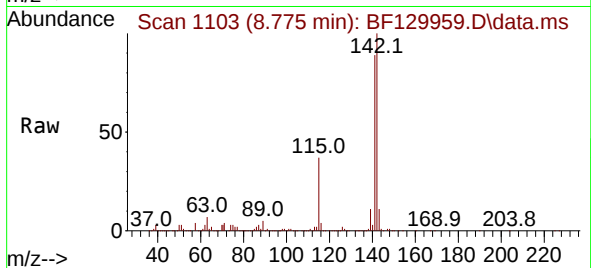
141 89.0 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#38

1-Methylnaphthalene

Concen: 48.397 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129959.D

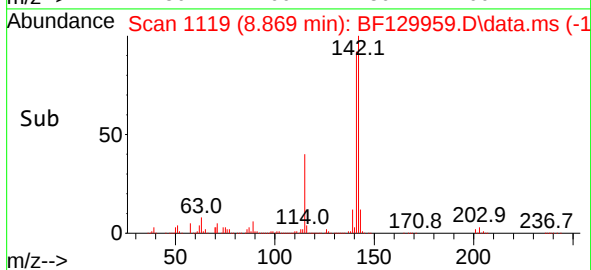
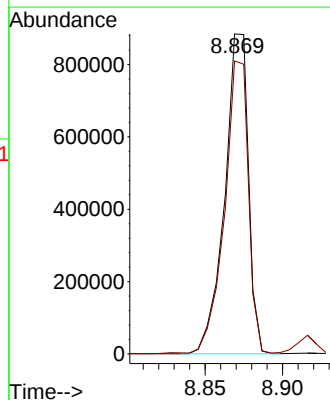
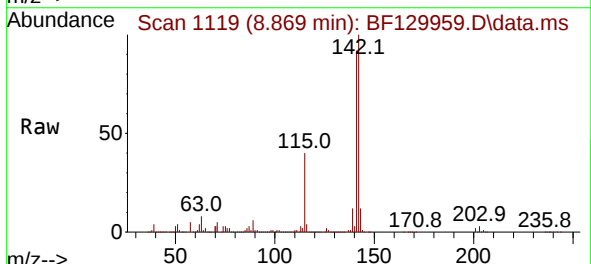
Acq: 23 Aug 2022 18:25

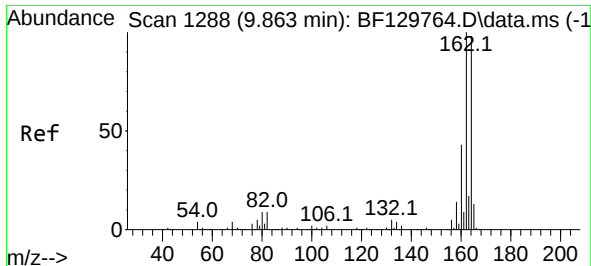
Tgt Ion:142 Resp: 947054

Ion Ratio Lower Upper

142 100

141 91.5 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF129959.D

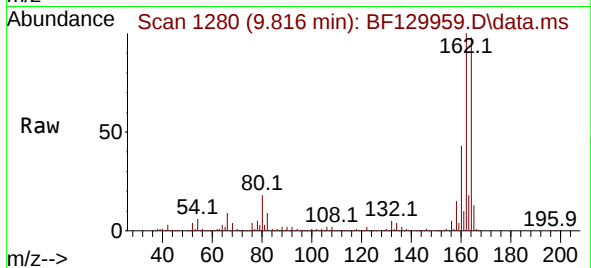
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS



Tgt Ion:164 Resp: 302058

Ion Ratio Lower Upper

164 100

162 101.5 82.0 123.0

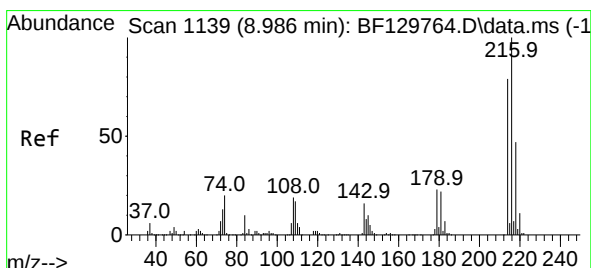
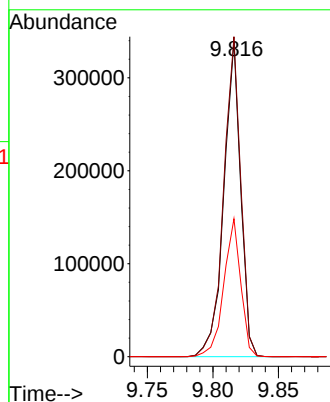
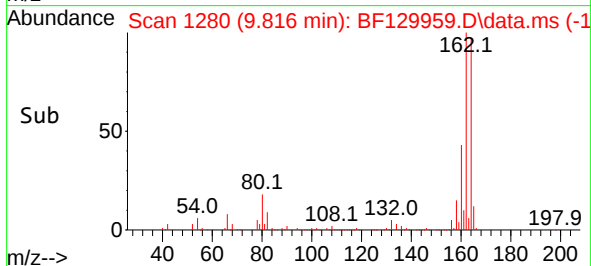
160 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.315 ng

RT: 8.940 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Tgt Ion:216 Resp: 447911

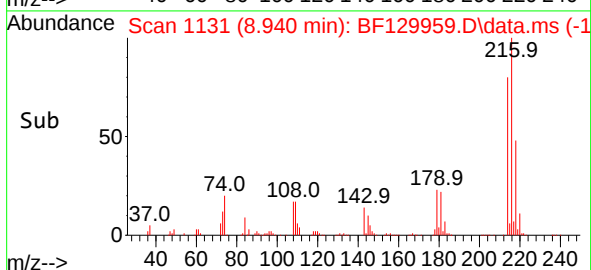
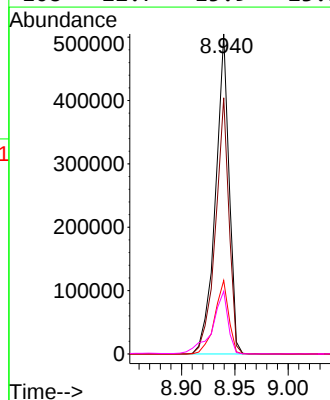
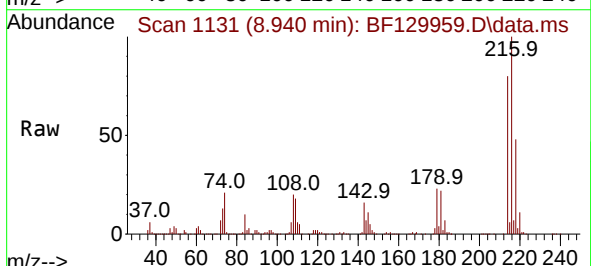
Ion Ratio Lower Upper

216 100

214 79.0 63.1 94.7

179 23.4 18.1 27.1

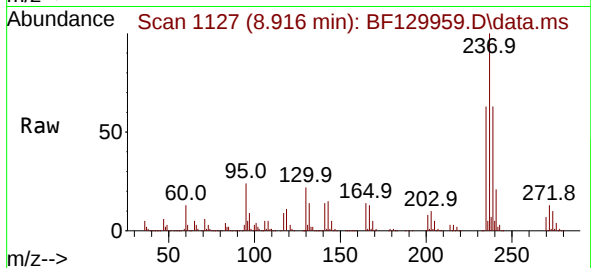
108 22.7 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 100.951 ng
RT: 8.916 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

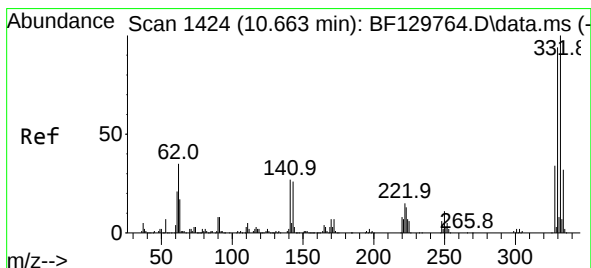
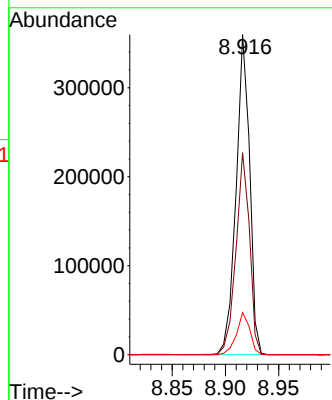
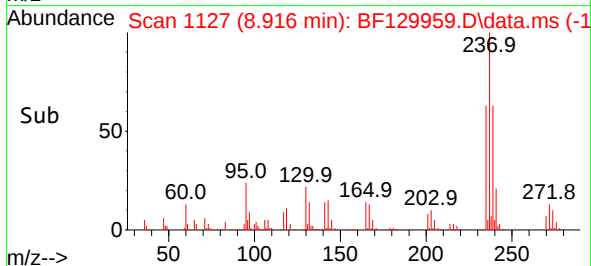
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



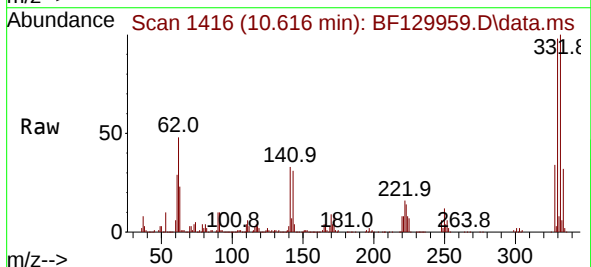
Tgt Ion:237 Resp: 31914
Ion Ratio Lower Upper
237 100
235 63.1 41.5 81.5
272 13.2 0.0 33.3

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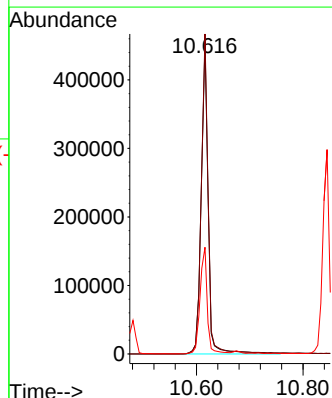
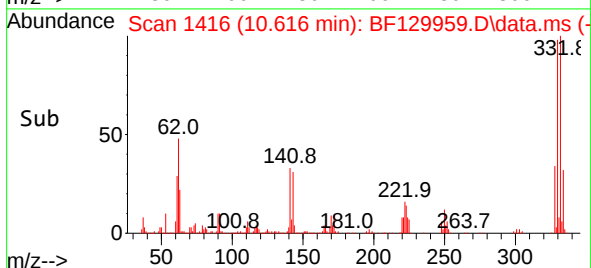
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

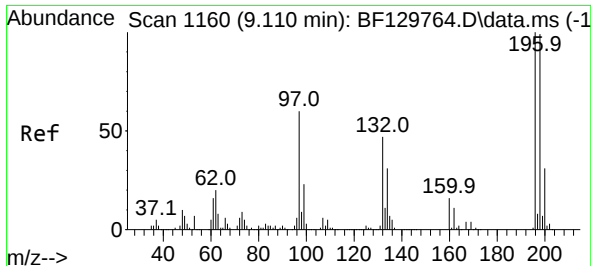


#42
2,4,6-Tribromophenol
Concen: 136.520 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



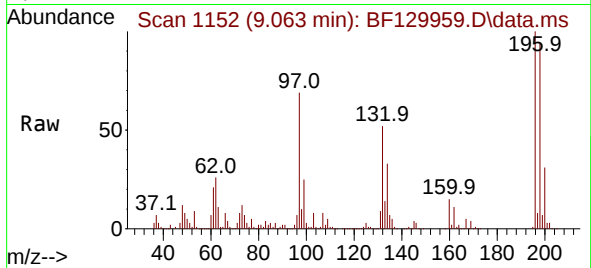
Tgt Ion:330 Resp: 413874
Ion Ratio Lower Upper
330 100
332 102.6 82.6 124.0
141 35.3 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 52.836 ng
RT: 9.063 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

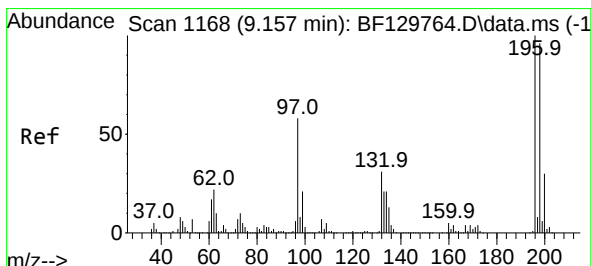
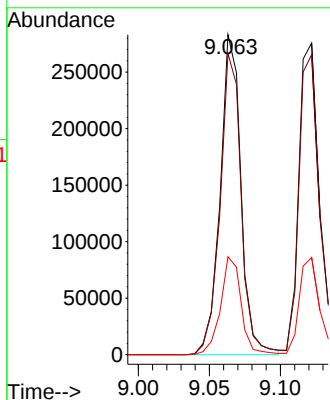
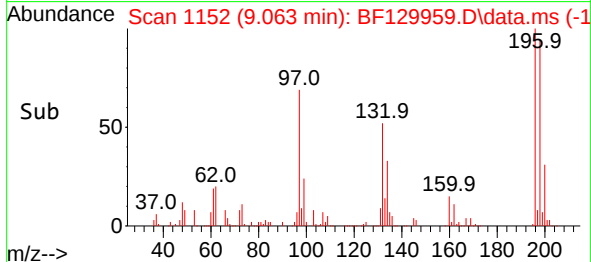
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



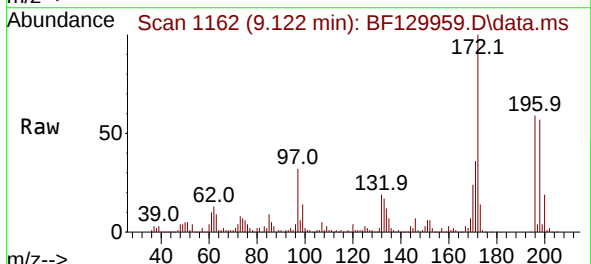
Tgt Ion:196 Resp: 28840
Ion Ratio Lower Upper
196 100
198 94.1 79.0 118.4
200 30.6 25.1 37.7

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APPROVED

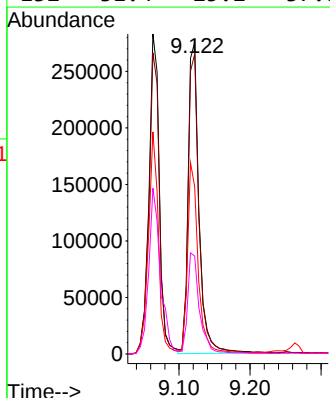
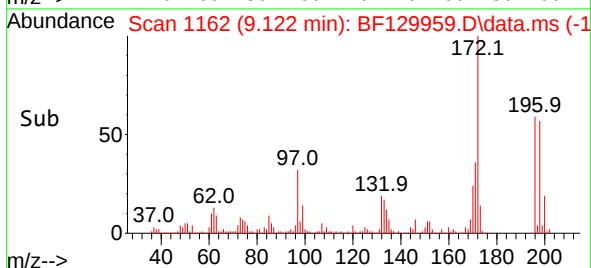
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

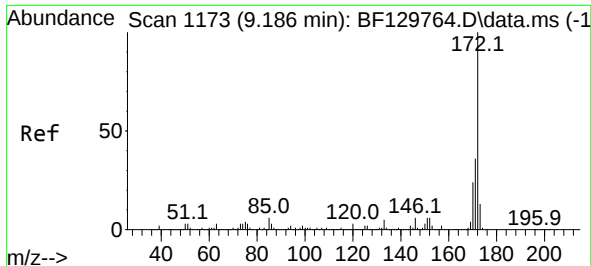


#44
2,4,5-Trichlorophenol
Concen: 49.828 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



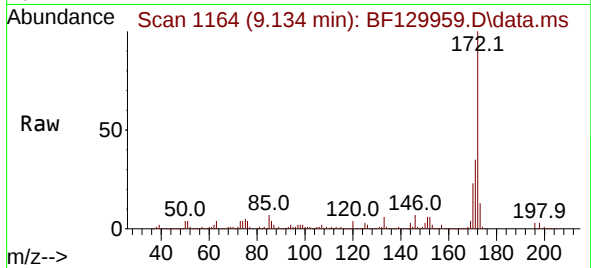
Tgt Ion:196 Resp: 292619
Ion Ratio Lower Upper
196 100
198 96.2 76.4 114.6
97 53.7 46.5 69.7
132 31.4 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 91.421 ng
RT: 9.134 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

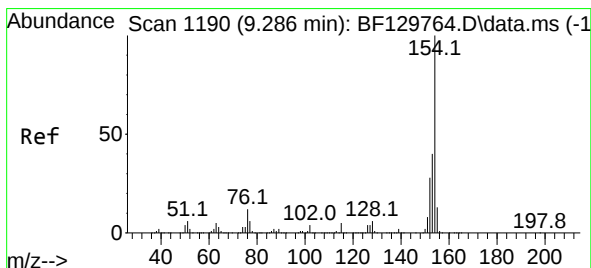
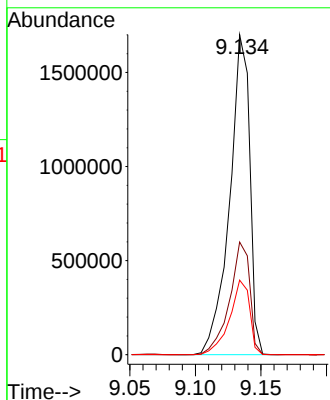
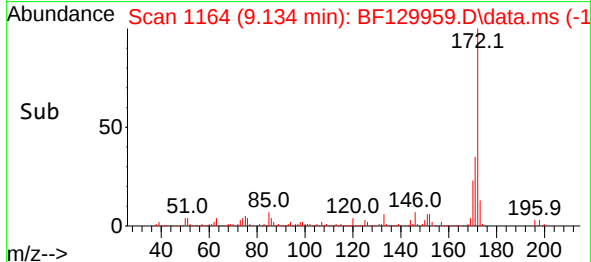
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:172 Resp: 181817
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 19.1 28.7

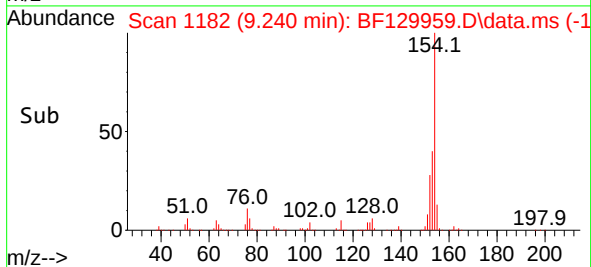
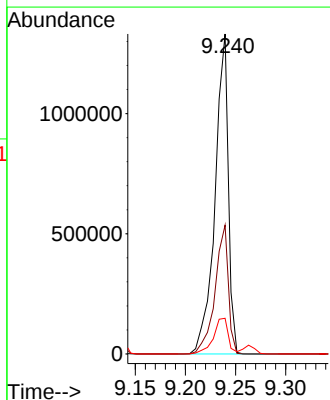
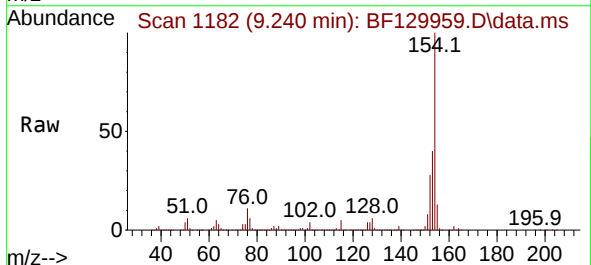
Manual Integrations
APPROVED

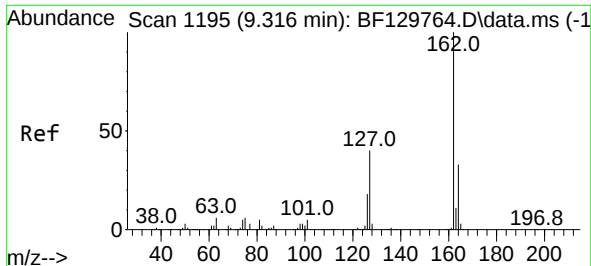
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#46
1,1'-Biphenyl
Concen: 53.440 ng
RT: 9.240 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:154 Resp: 1226288
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.1 0.0 32.1





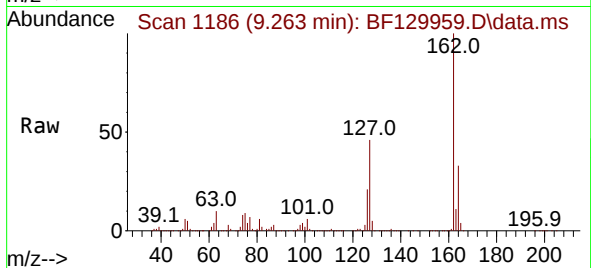
#47
2-Chloronaphthalene
Concen: 51.673 ng
RT: 9.263 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

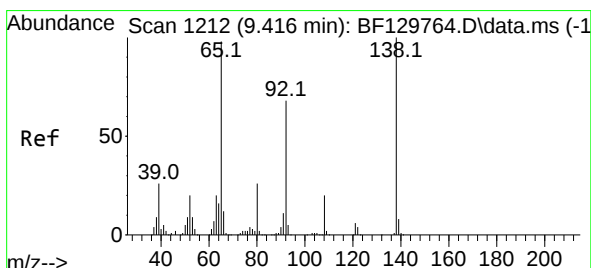
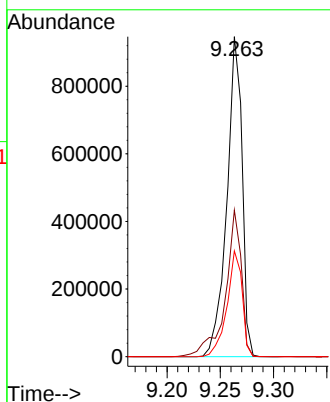
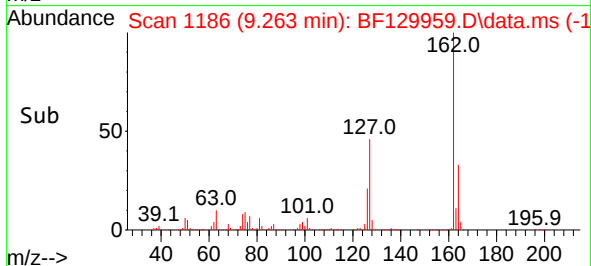


Tgt Ion:162 Resp: 938190
Ion Ratio Lower Upper
162 100
127 45.8 33.1 49.7
164 33.1 26.7 40.1

Manual Integrations

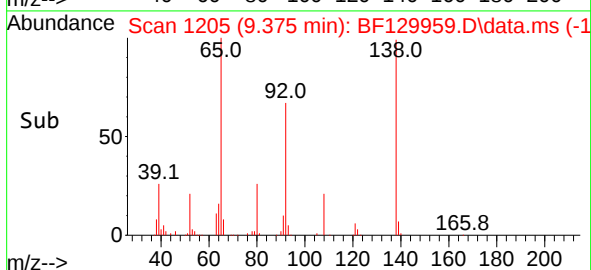
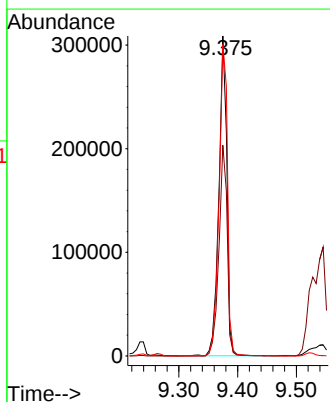
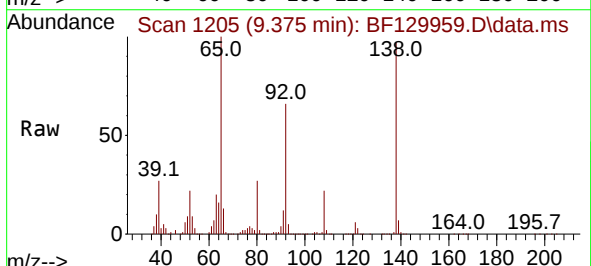
APPROVED

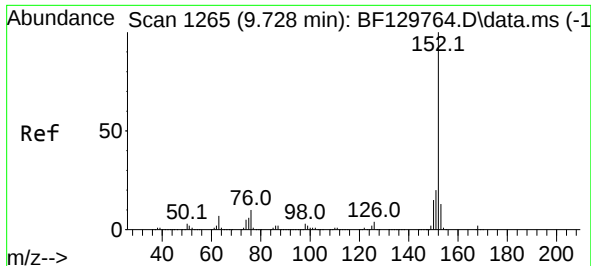
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#48
2-Nitroaniline
Concen: 50.935 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

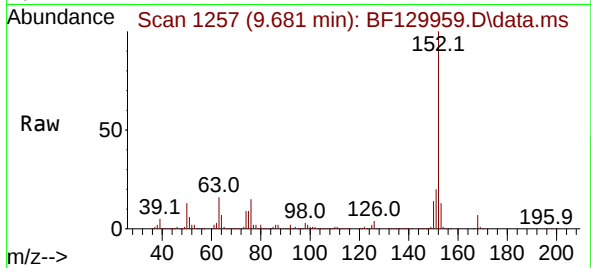
Tgt Ion: 65 Resp: 292255
Ion Ratio Lower Upper
65 100
92 65.9 55.0 82.4
138 97.4 81.3 121.9





#49
Acenaphthylene
Concen: 49.134 ng
RT: 9.681 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

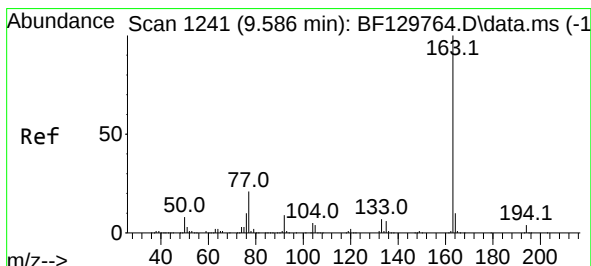
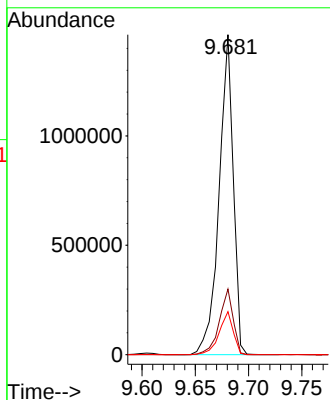
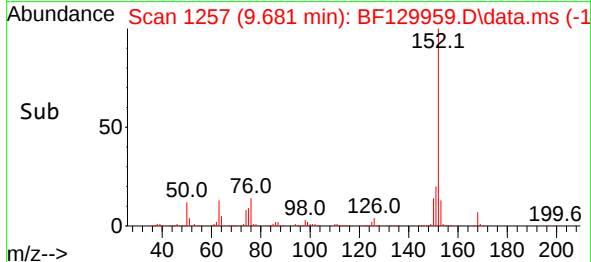
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



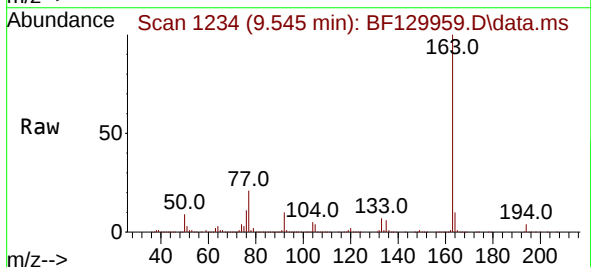
Tgt Ion:152 Resp: 1352780
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 10.6 16.0

Manual Integrations
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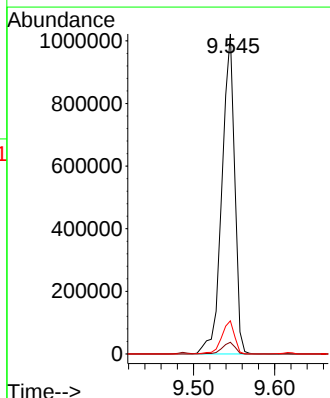
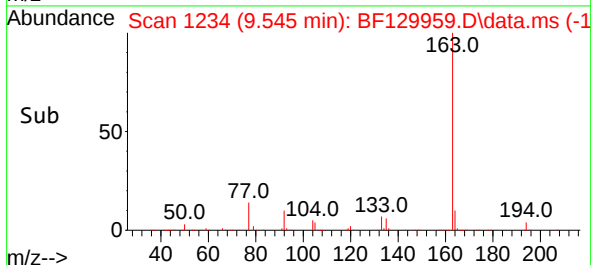
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

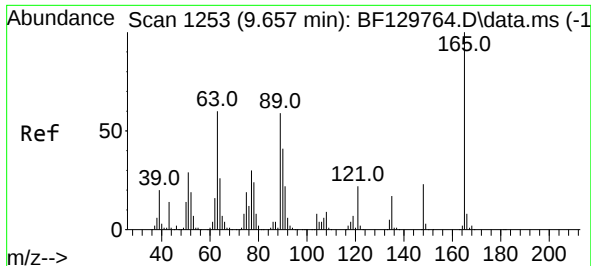


#50
Dimethylphthalate
Concen: 51.827 ng
RT: 9.545 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



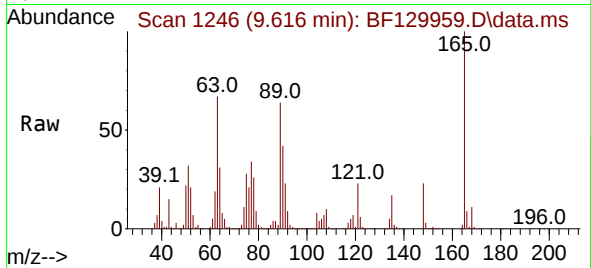
Tgt Ion:163 Resp: 1122240
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.261 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

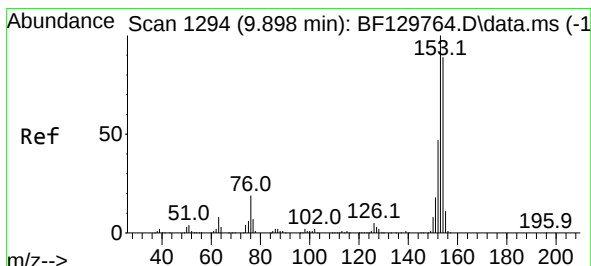
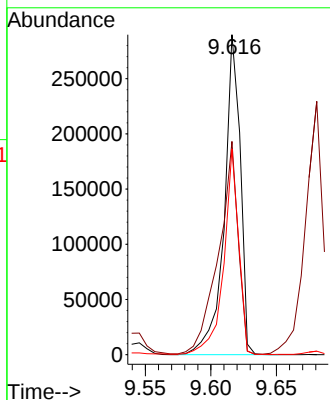
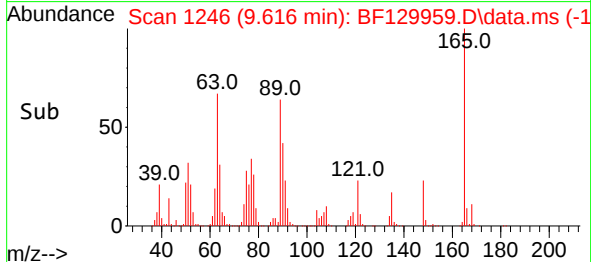
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



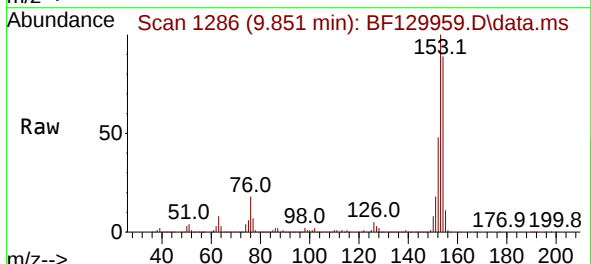
Tgt Ion:165 Resp: 245480
Ion Ratio Lower Upper
165 100
63 66.7 47.8 71.8
89 64.3 47.2 70.8

Manual Integrations
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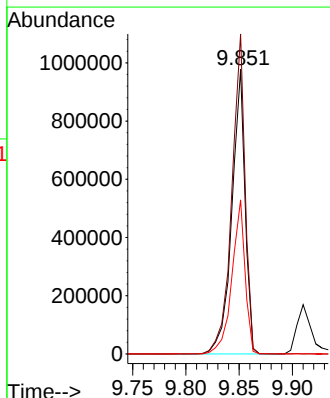
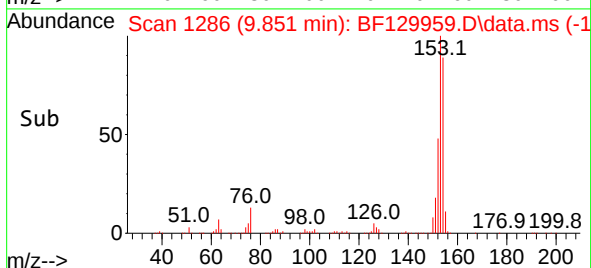
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

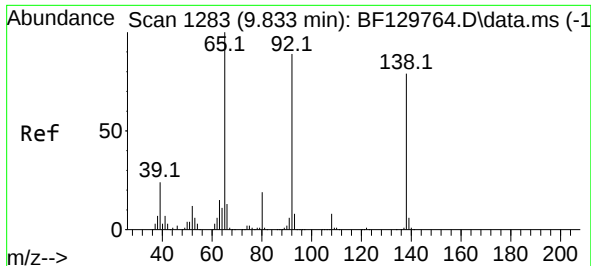


#52
Acenaphthene
Concen: 50.680 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion:154 Resp: 846560
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.6
152 54.2 42.1 63.1





#53
3-Nitroaniline
Concen: 12.495 ng
RT: 9.787 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

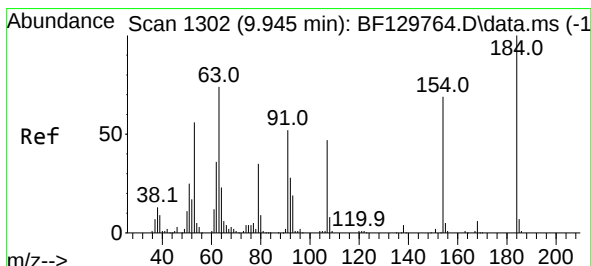
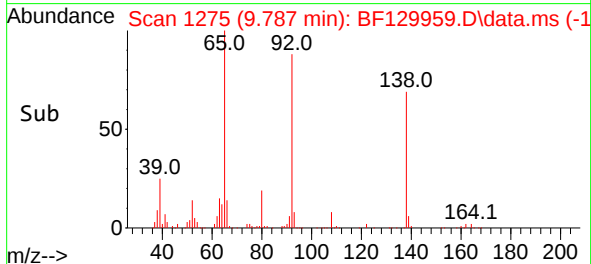
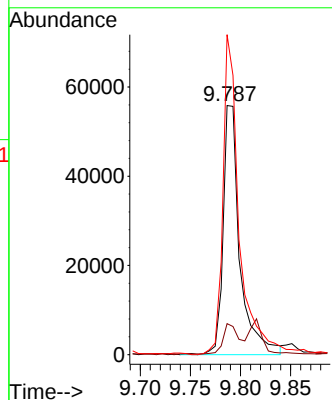
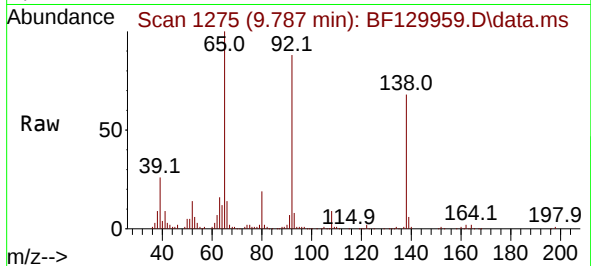
BLDG-19CMS

Tgt Ion:138 Resp: 64908
Ion Ratio Lower Upper
138 100
108 12.5 8.4 12.6
92 128.4 89.8 134.8

Manual Integrations

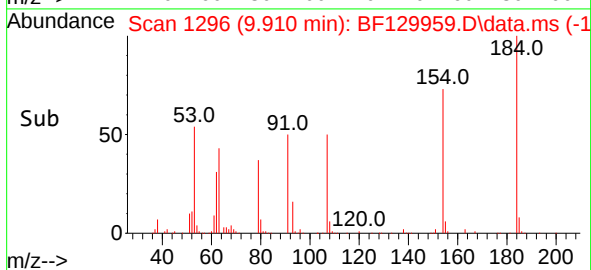
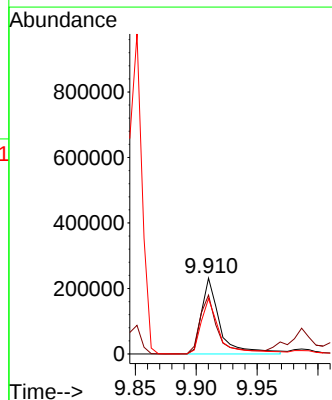
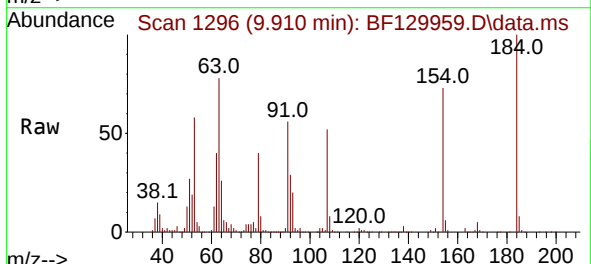
APPROVED

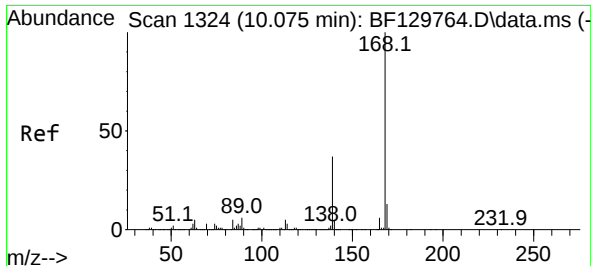
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#54
2,4-Dinitrophenol
Concen: 112.011 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

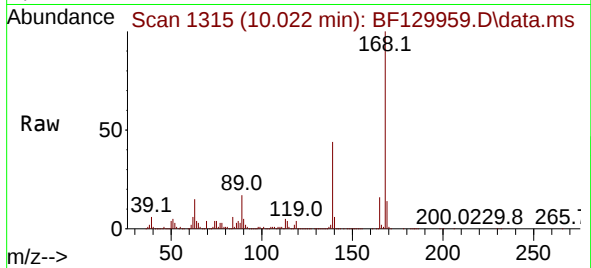
Tgt Ion:184 Resp: 242866
Ion Ratio Lower Upper
184 100
63 77.6 59.6 89.4
154 73.2 55.3 82.9





#55
Dibenzofuran
Concen: 49.888 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

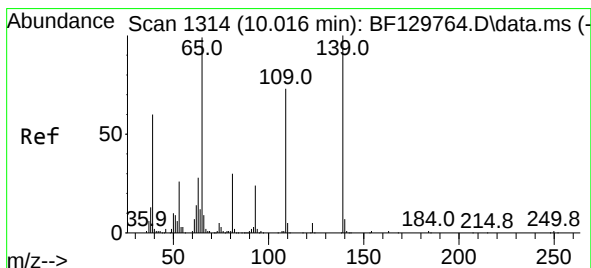
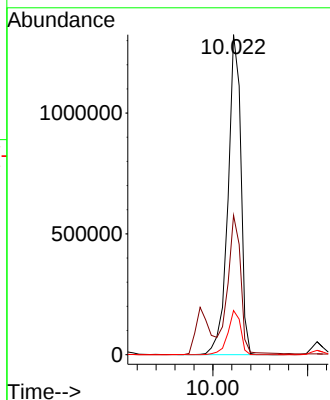
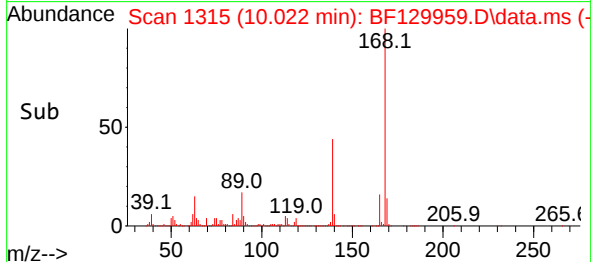
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:168 Resp: 125195
Ion Ratio Lower Upper
168 100
139 43.6 31.3 46.9
169 13.8 10.7 16.1

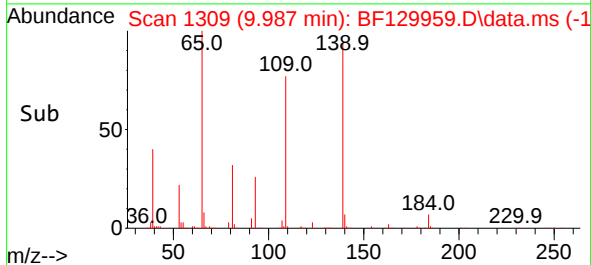
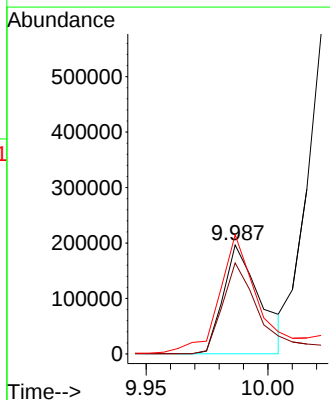
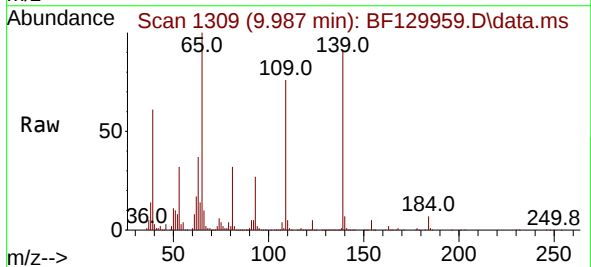
Manual Integrations
APPROVED

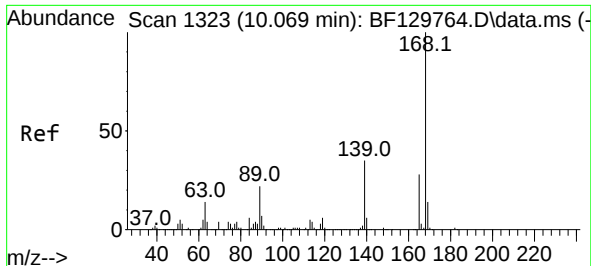
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#56
4-Nitrophenol
Concen: 89.417 ng
RT: 9.987 min Scan# 1309
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

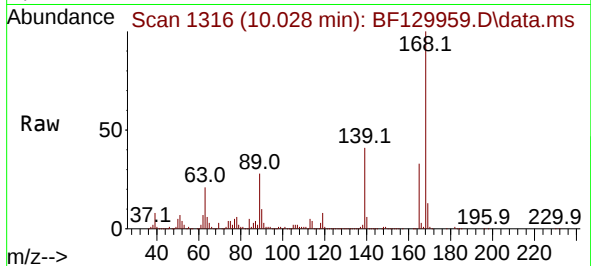
Tgt Ion:139 Resp: 206638
Ion Ratio Lower Upper
139 100
109 83.6 52.9 92.9
65 109.4 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 51.155 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

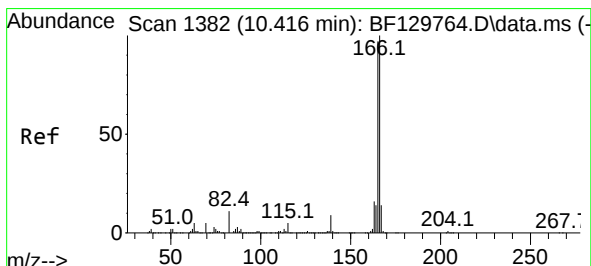
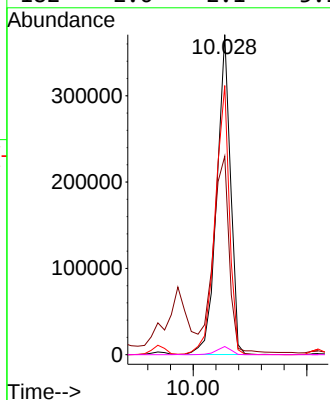
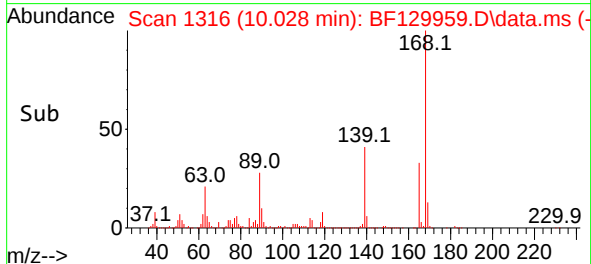
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



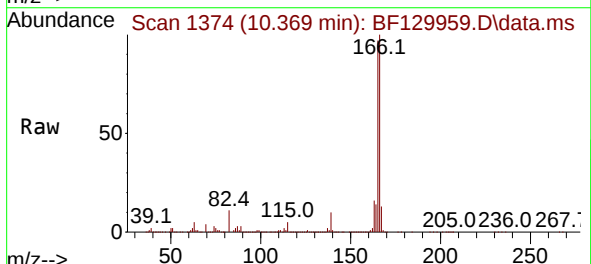
Tgt Ion:165 Resp: 311919
Ion Ratio Lower Upper
165 100
63 62.0 48.4 72.6
89 84.1 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

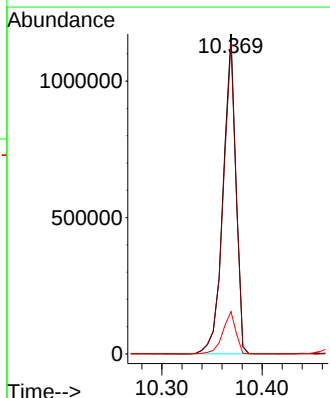
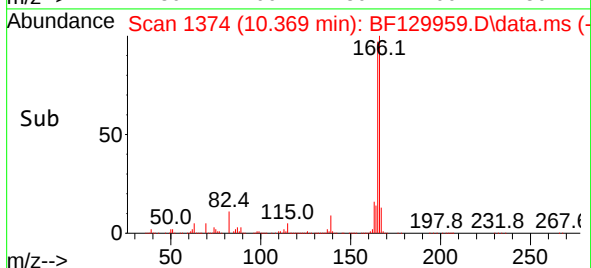
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

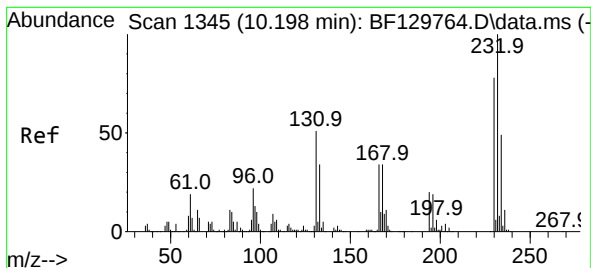


#58
Fluorene
Concen: 49.188 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



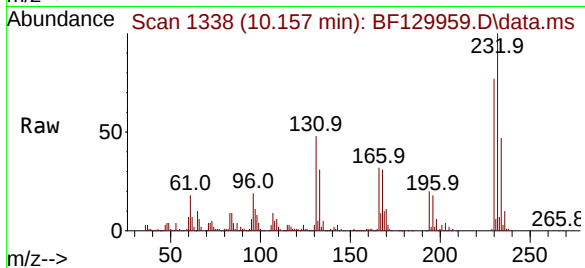
Tgt Ion:166 Resp: 1030678
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.054 ng
RT: 10.157 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

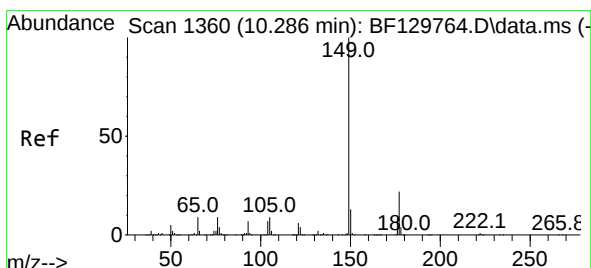
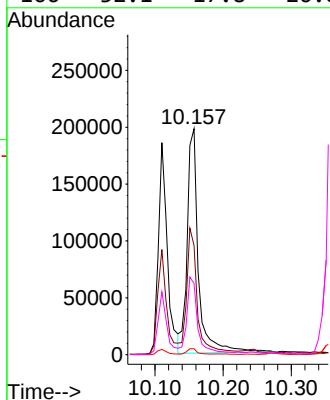
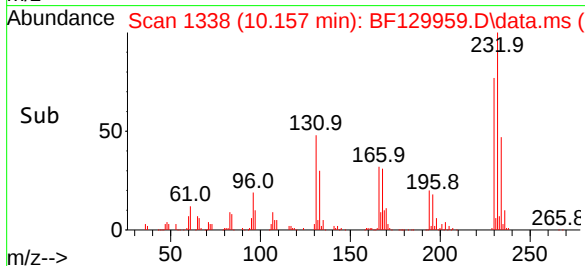
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



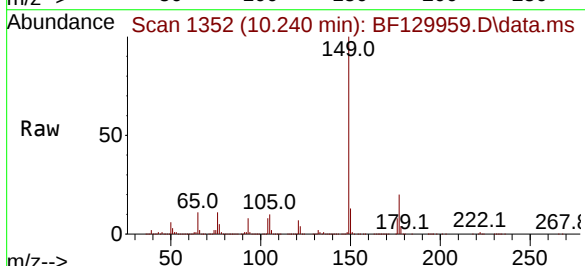
Tgt Ion:232 Resp: 22433
Ion Ratio Lower Upper
232 100
131 50.1 29.9 44.9
130 2.3 1.5 2.3
166 32.1 17.8 26.8#

Manual Integrations
APPROVED

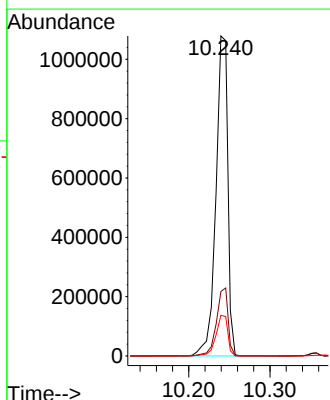
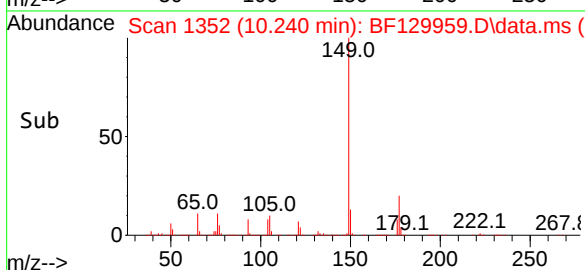
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

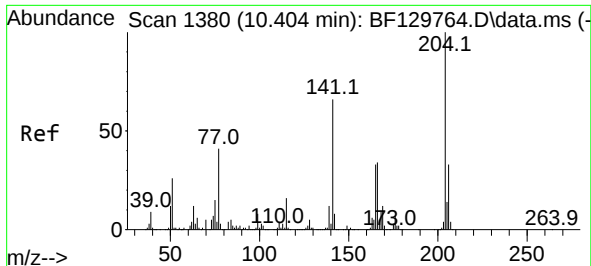


#60
Diethylphthalate
Concen: 50.980 ng
RT: 10.240 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion:149 Resp: 1100705
Ion Ratio Lower Upper
149 100
177 20.2 17.7 26.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.596 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

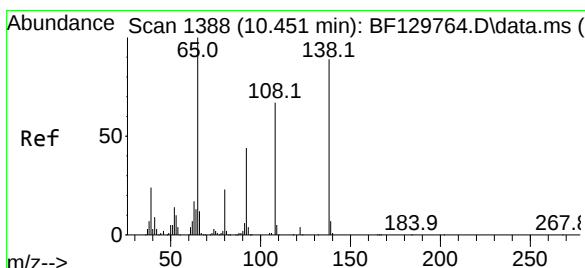
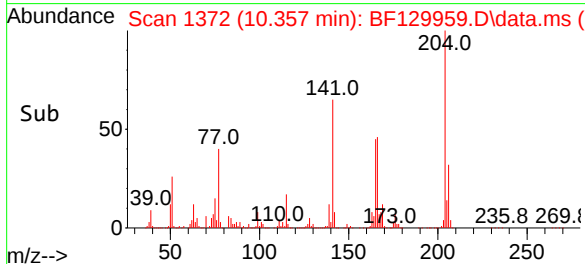
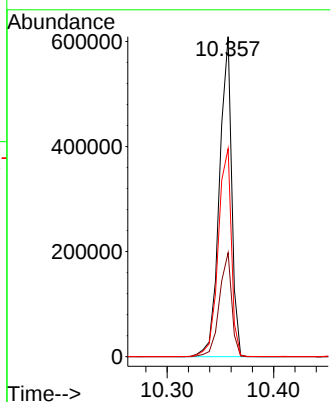
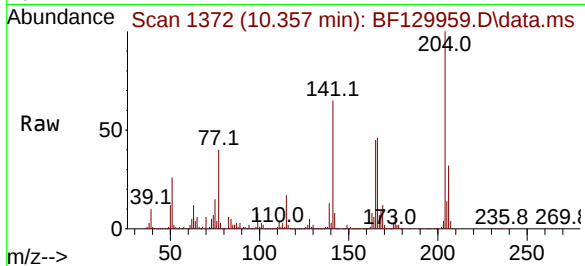
BLDG-19CMS

Tgt Ion:204 Resp: 485172
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.0 52.6 79.0

Manual Integrations

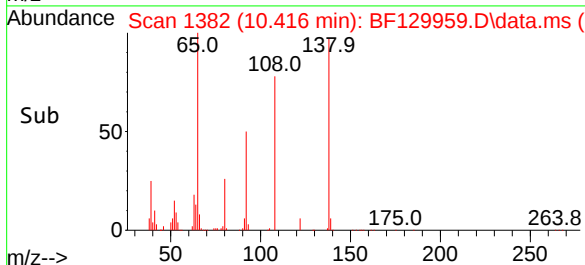
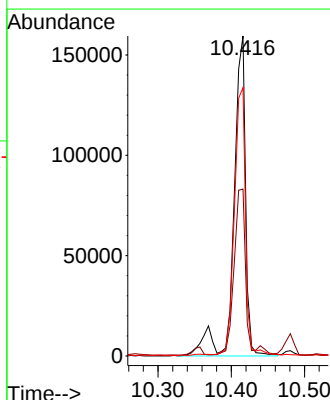
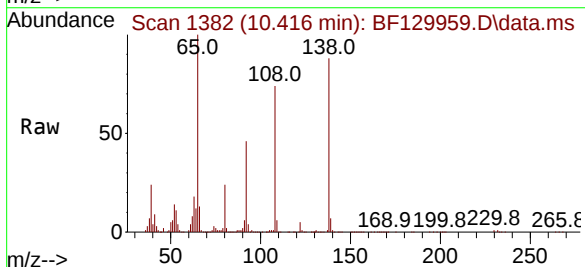
APPROVED

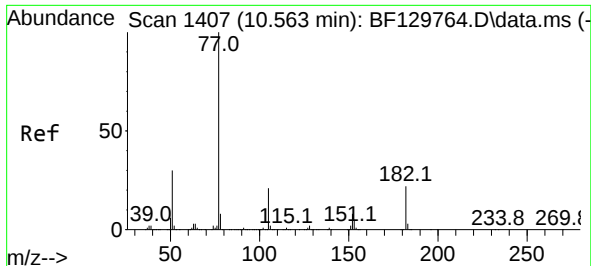
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#62
4-Nitroaniline
Concen: 33.948 ng m
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

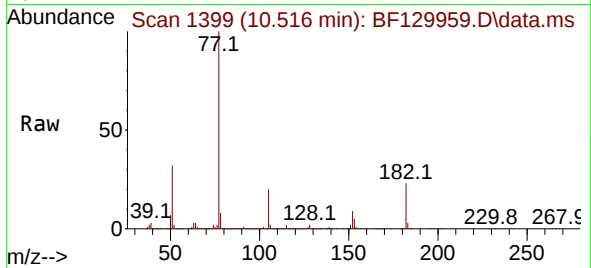
Tgt Ion:138 Resp: 177901
Ion Ratio Lower Upper
138 100
92 52.1 30.3 70.3
108 83.9 55.7 95.7





#63
Azobenzene
Concen: 49.544 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

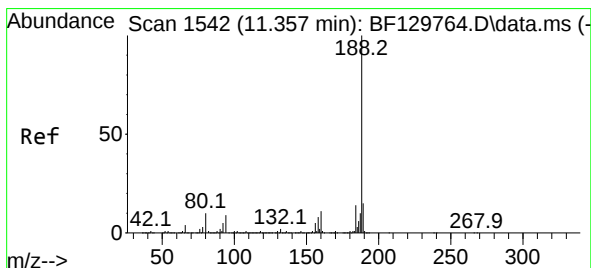
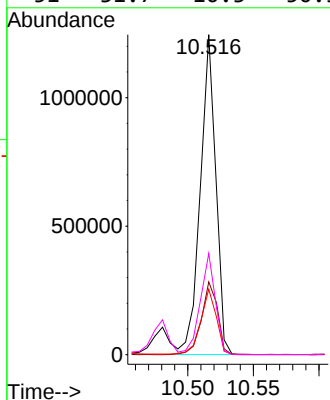
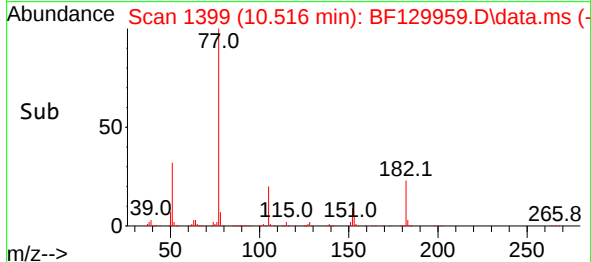
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



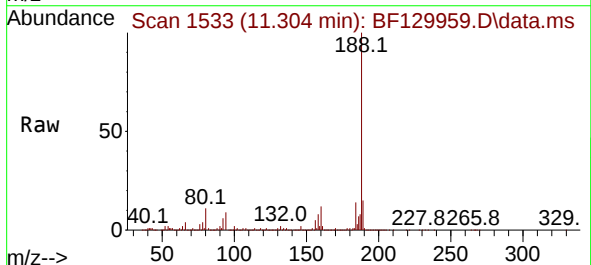
Tgt Ion: 77 Resp: 102247
Ion Ratio Lower Upper
77 100
182 22.8 2.2 42.2
105 20.5 0.8 40.8
51 31.7 10.3 50.3

Manual Integrations
APPROVED

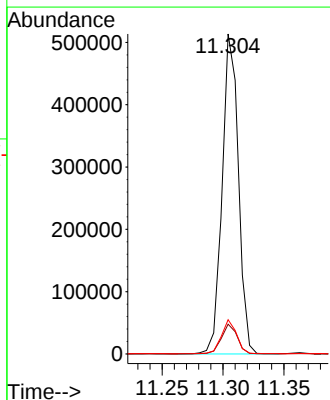
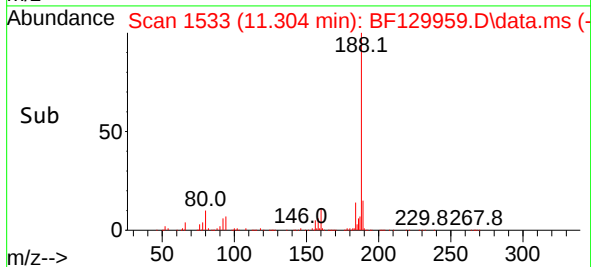
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



Tgt Ion:188 Resp: 478071
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.7 7.9 11.9





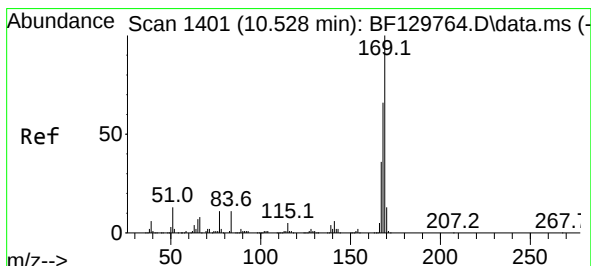
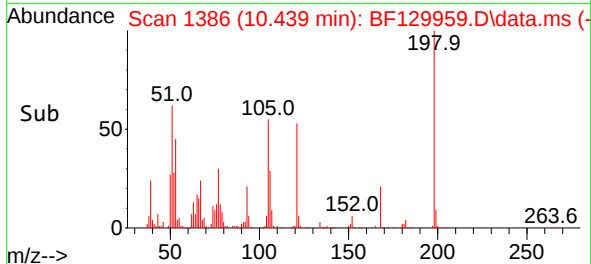
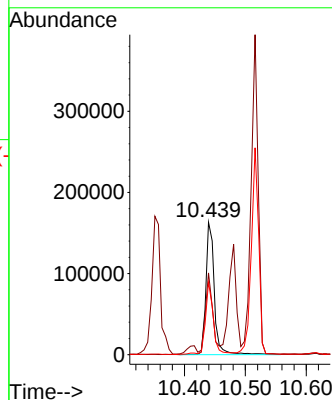
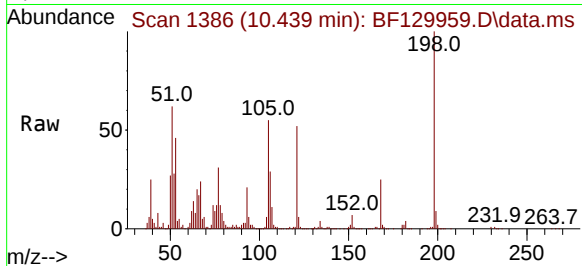
#65
4,6-Dinitro-2-methylphenol
Concen: 55.786 ng
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS

Tgt Ion:198 Resp: 15656
Ion Ratio Lower Upper
198 100
51 61.7 29.4 69.4
105 54.7 29.2 69.2

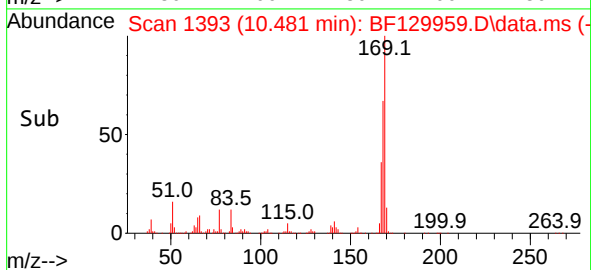
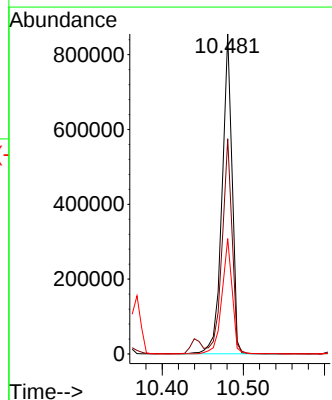
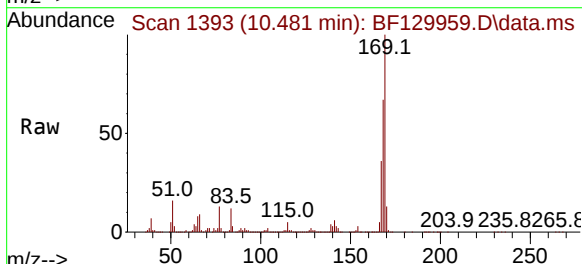
Manual Integrations
APPROVED

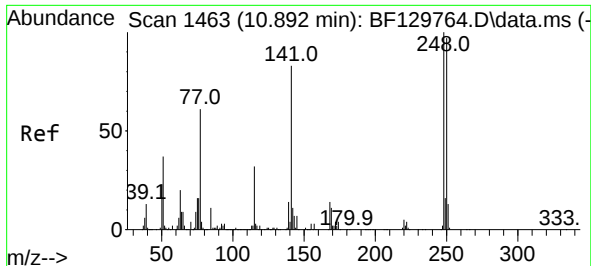
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#66
n-Nitrosodiphenylamine
Concen: 45.927 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

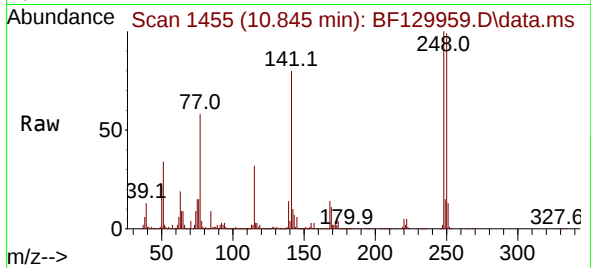
Tgt Ion:169 Resp: 741066
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 36.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 54.250 ng
RT: 10.845 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

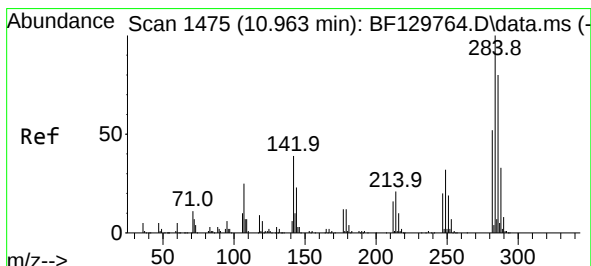
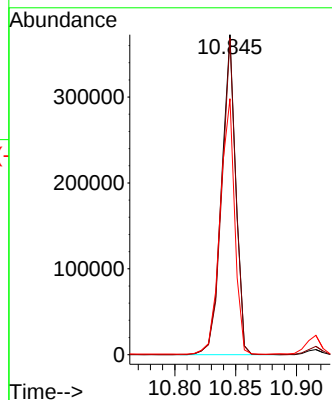
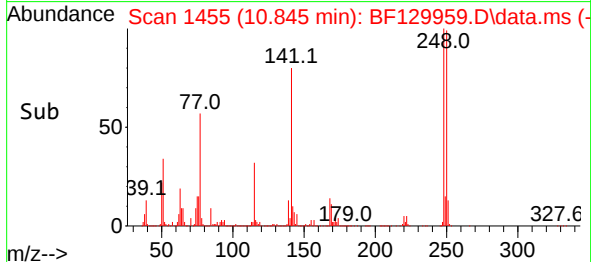
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:248 Resp: 303772
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 80.0 66.2 99.2

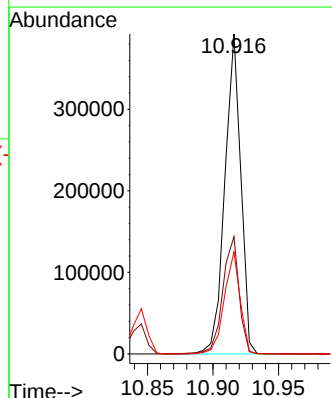
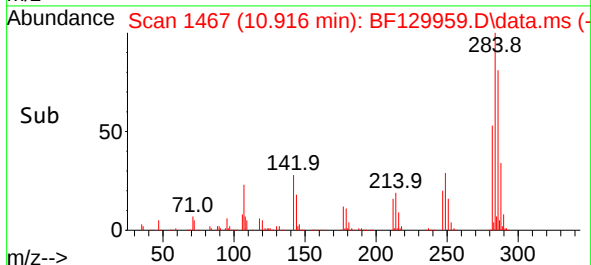
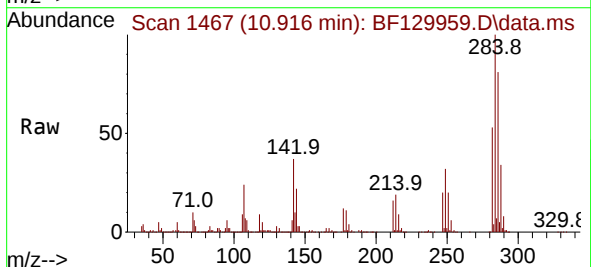
Manual Integrations
APPROVED

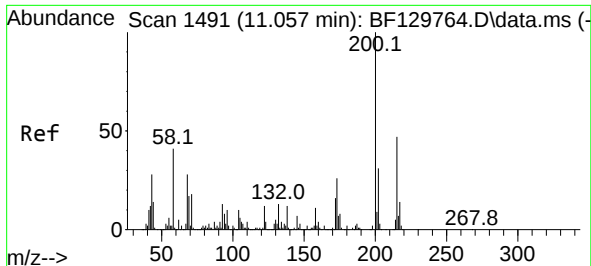
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#68
Hexachlorobenzene
Concen: 54.495 ng
RT: 10.916 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:284 Resp: 330542
Ion Ratio Lower Upper
284 100
142 36.7 31.4 47.0
249 31.9 25.7 38.5





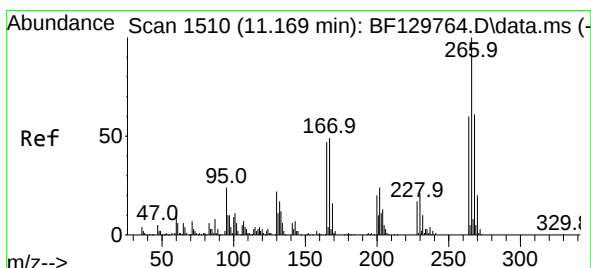
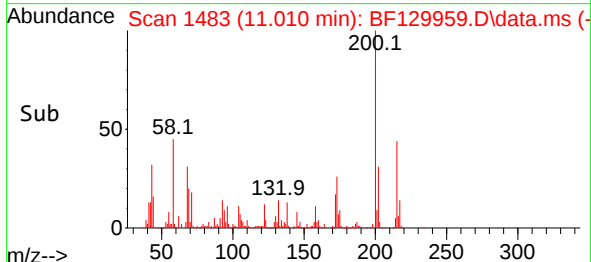
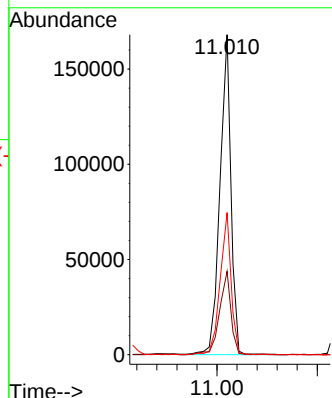
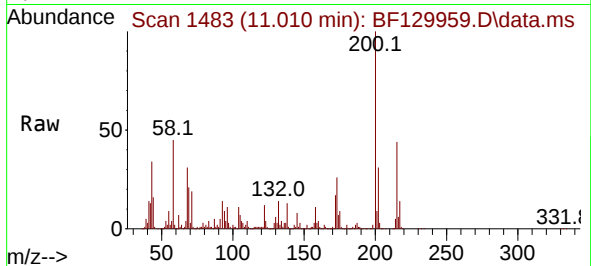
#69
Atrazine
Concen: 25.777 ng
RT: 11.010 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS

Tgt Ion:200 Resp: 12766
Ion Ratio Lower Upper
200 100
173 26.1 6.4 46.4
215 44.4 27.1 67.1

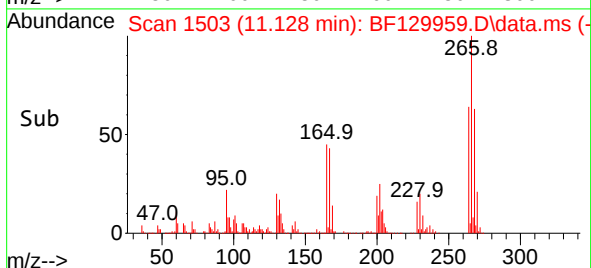
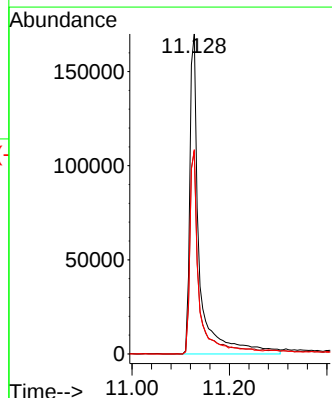
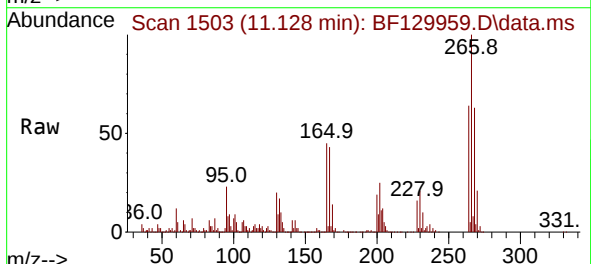
Manual Integrations
APPROVED

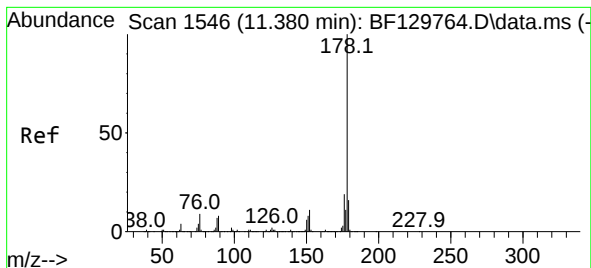
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#70
Pentachlorophenol
Concen: 125.199 ng
RT: 11.128 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:266 Resp: 233322
Ion Ratio Lower Upper
266 100
268 63.3 49.0 73.4
264 63.9 47.9 71.9





#71

Phenanthrene

Concen: 51.141 ng

RT: 11.334 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

Tgt Ion:178 Resp: 136546

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

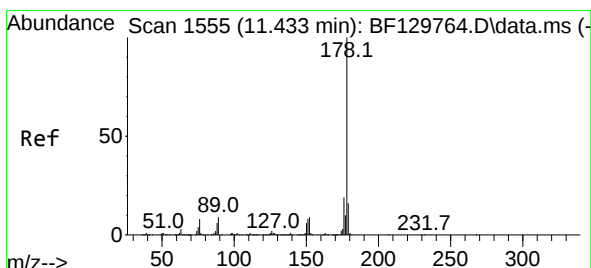
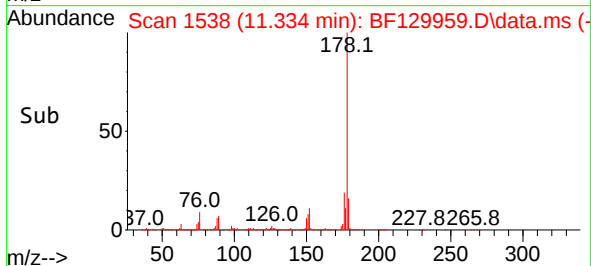
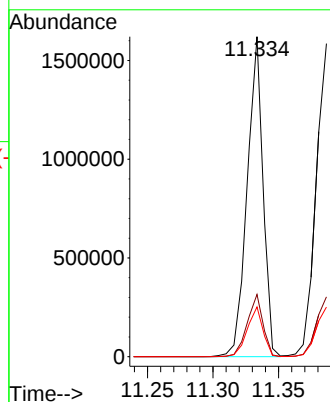
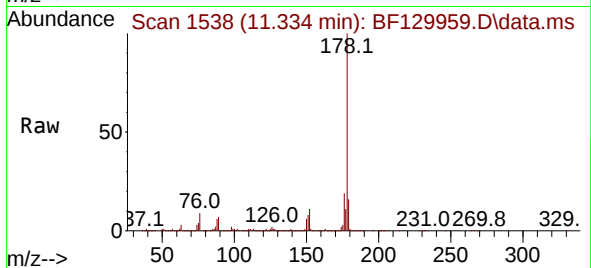
179 15.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#72

Anthracene

Concen: 50.958 ng

RT: 11.386 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

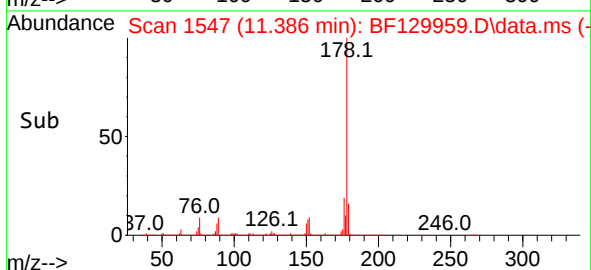
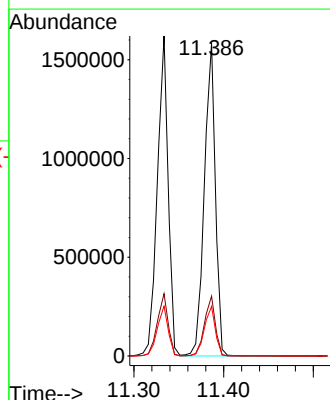
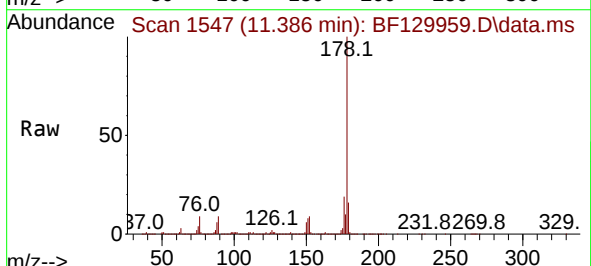
Tgt Ion:178 Resp: 1353041

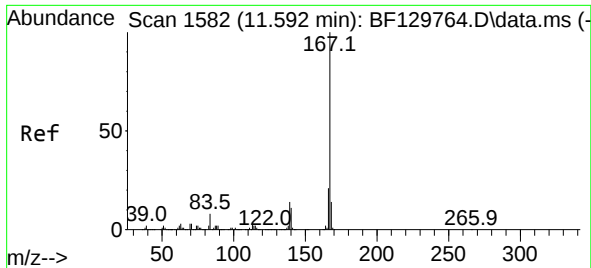
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

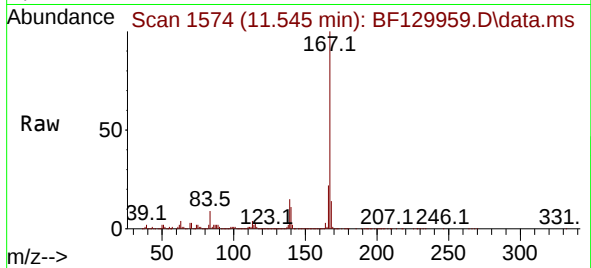
179 15.9 12.6 18.8





#73
Carbazole
Concen: 45.310 ng
RT: 11.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

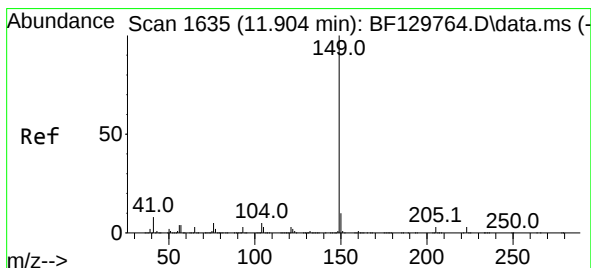
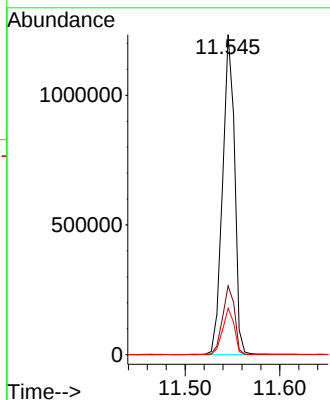
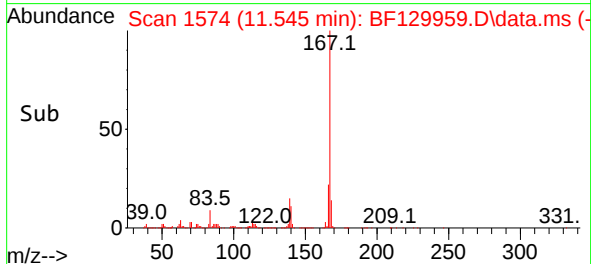
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



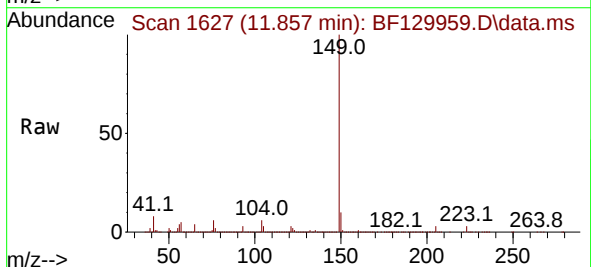
Tgt Ion:167 Resp: 1092099
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 14.5 11.0 16.6

Manual Integrations
APPROVED

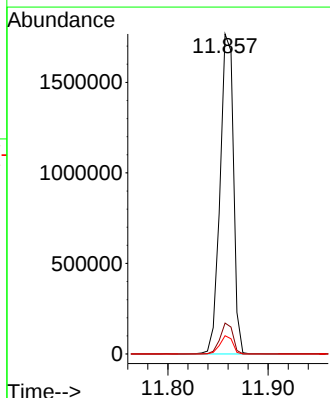
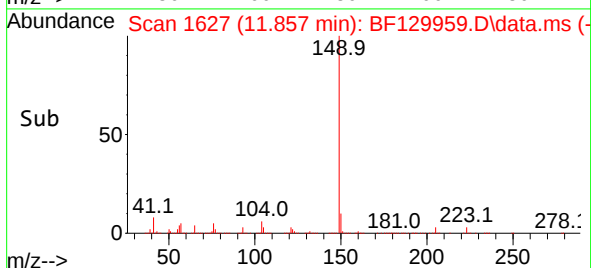
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

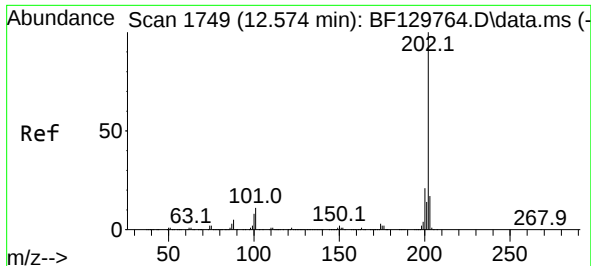


#74
Di-n-butylphthalate
Concen: 52.611 ng
RT: 11.857 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



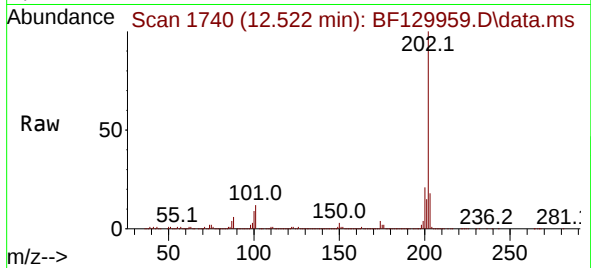
Tgt Ion:149 Resp: 1632014
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.7 4.2 6.4





#75
Fluoranthene
Concen: 46.891 ng
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

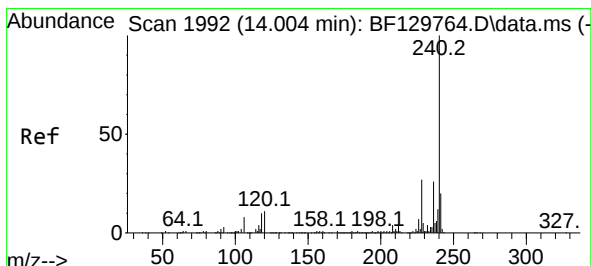
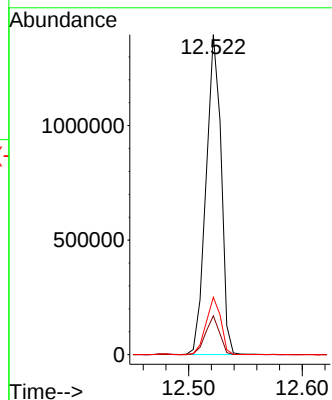
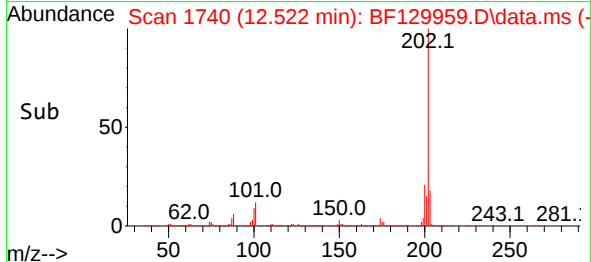
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



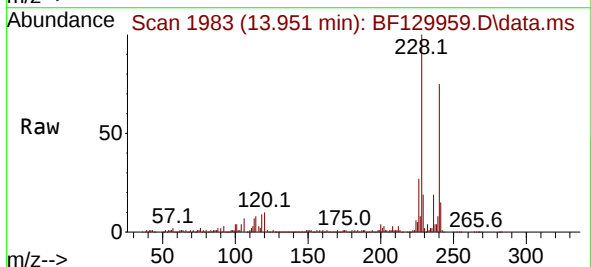
Tgt Ion:202 Resp: 128114
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 18.0 0.0 37.5

Manual Integrations
APPROVED

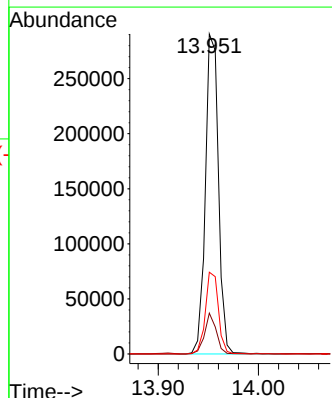
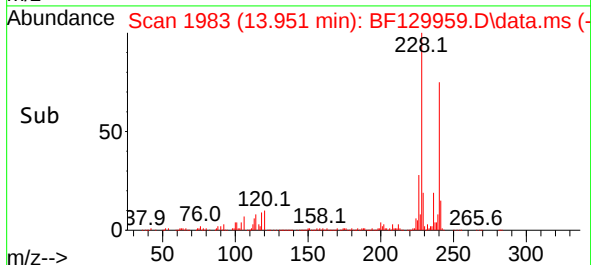
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

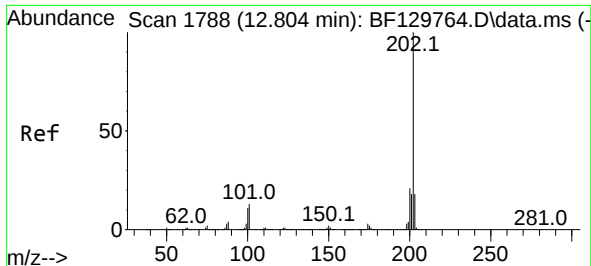


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



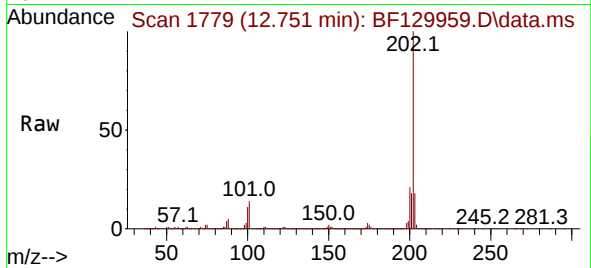
Tgt Ion:240 Resp: 263987
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 25.6 20.7 31.1





#78
Pyrene
Concen: 54.957 ng
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

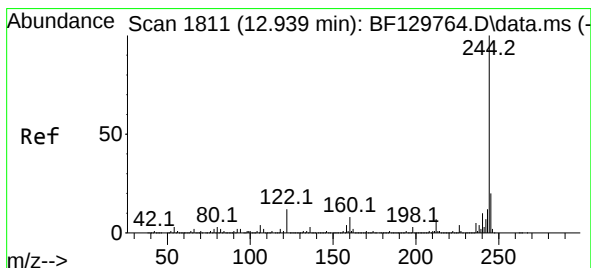
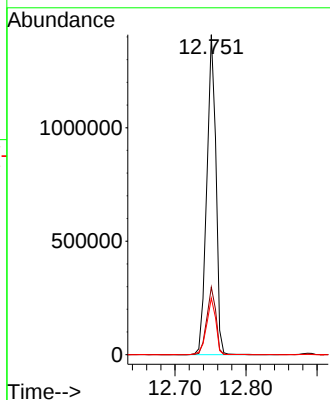
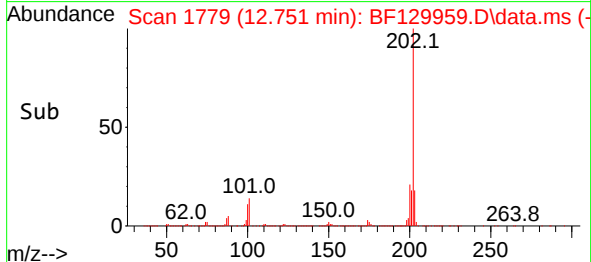
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



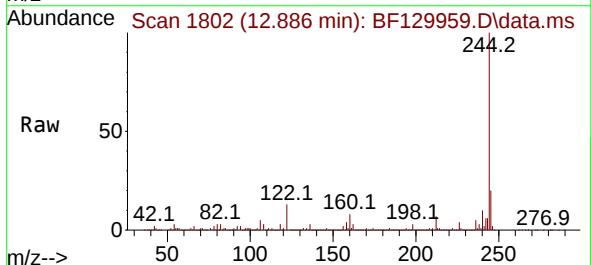
Tgt Ion:202 Resp: 1260720
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.7 14.1 21.1

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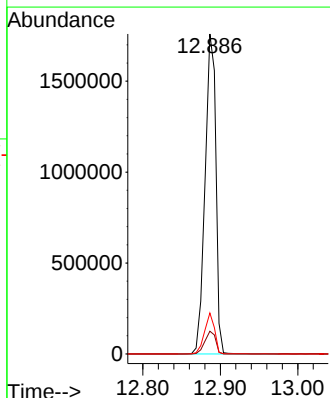
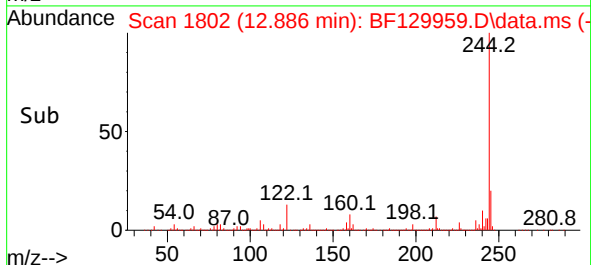
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

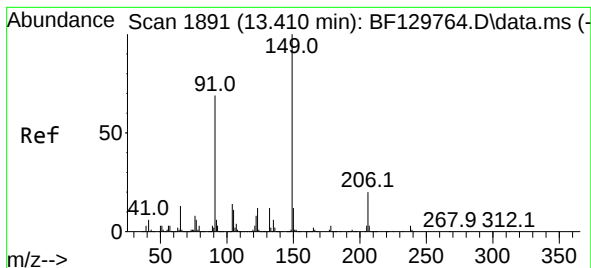


#79
Terphenyl-d14
Concen: 107.181 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



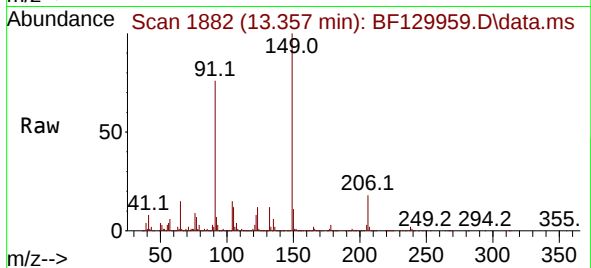
Tgt Ion:244 Resp: 1700455
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.8 9.9 14.9





#80
Butylbenzylphthalate
Concen: 60.091 ng
RT: 13.357 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

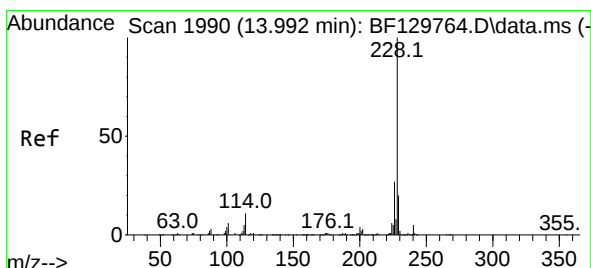
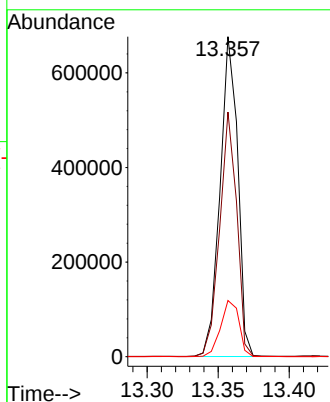
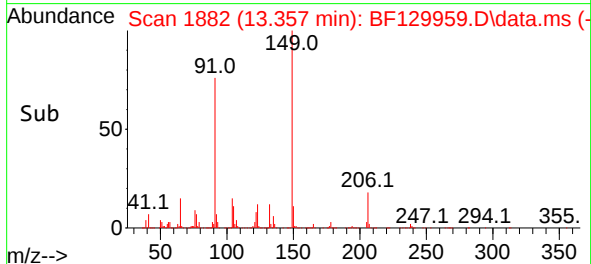
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:149 Resp: 583309
Ion Ratio Lower Upper
149 100
91 76.5 55.4 83.0
206 17.6 15.8 23.6

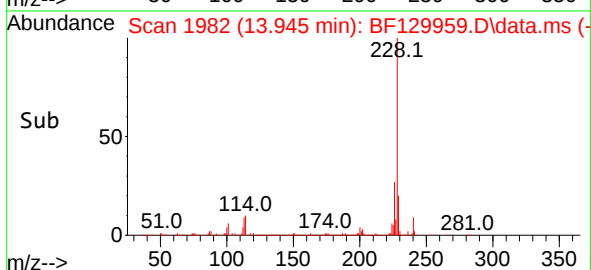
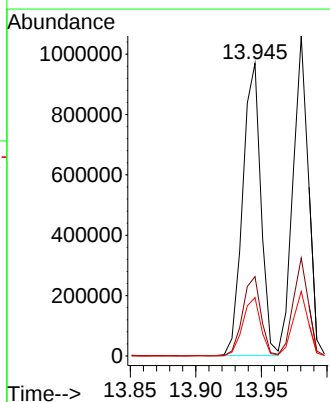
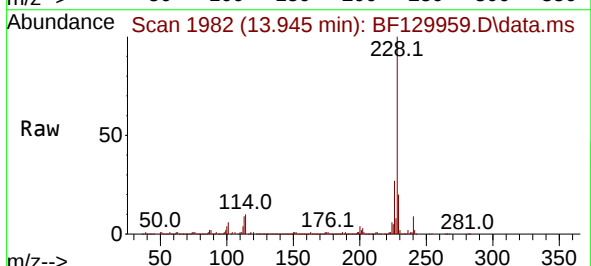
Manual Integrations
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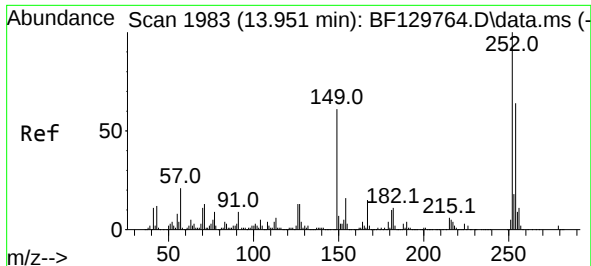
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#81
Benzo(a)anthracene
Concen: 51.586 ng
RT: 13.945 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

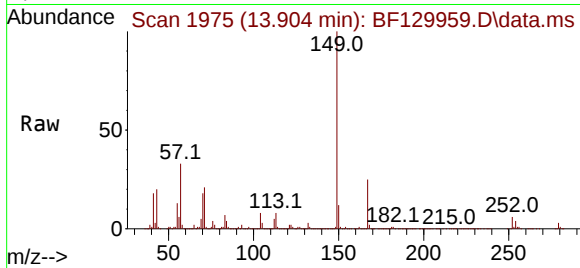
Tgt Ion:228 Resp: 936803
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 20.0 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 5.742 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

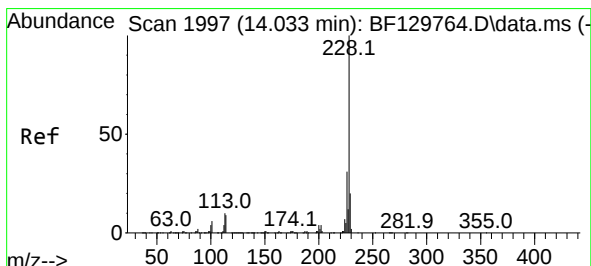
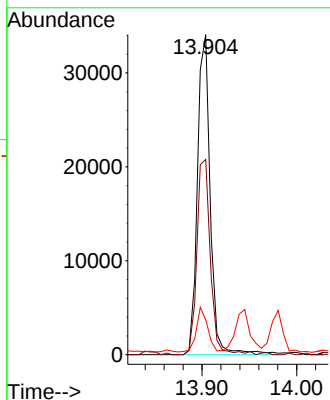
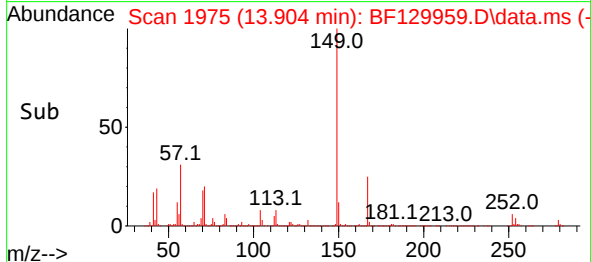
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



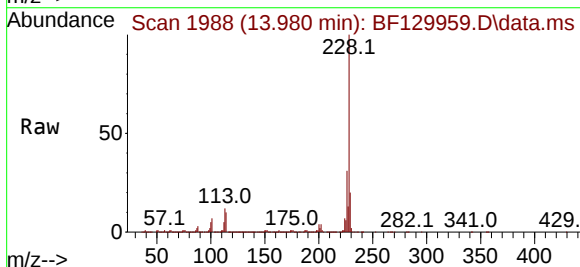
Tgt Ion:252 Resp: 3229
Ion Ratio Lower Upper
252 100
254 61.0 51.4 77.2
126 11.0 10.2 15.4

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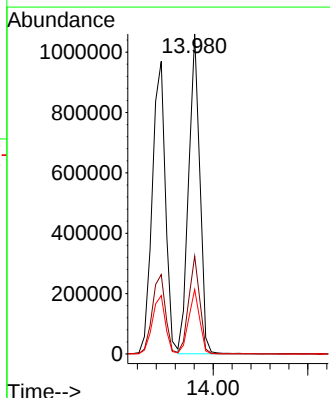
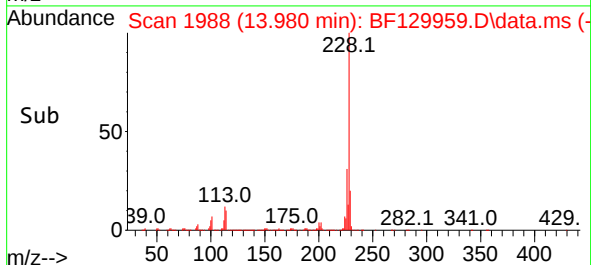
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

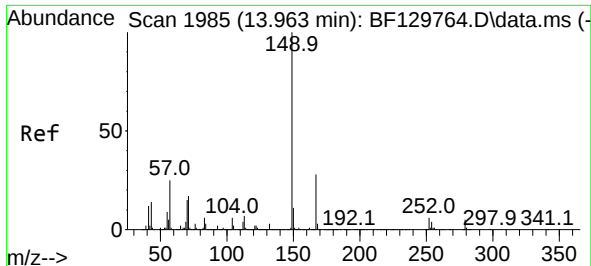


#83
Chrysene
Concen: 50.939 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



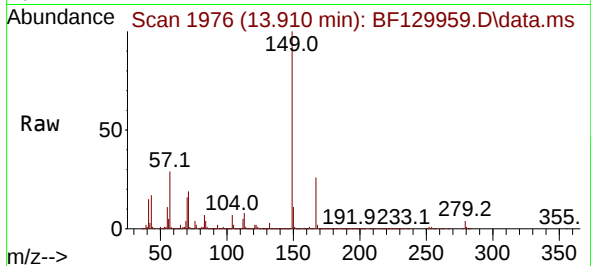
Tgt Ion:228 Resp: 865910
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.1 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 67.357 ng
RT: 13.910 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

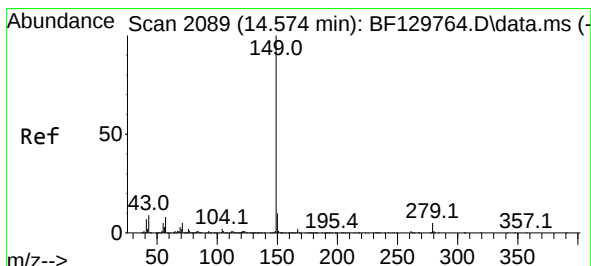
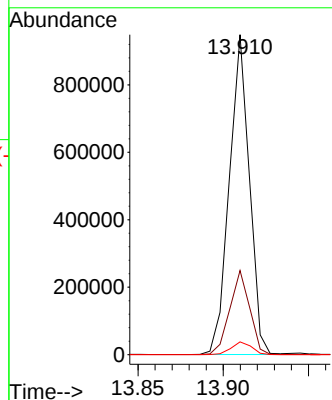
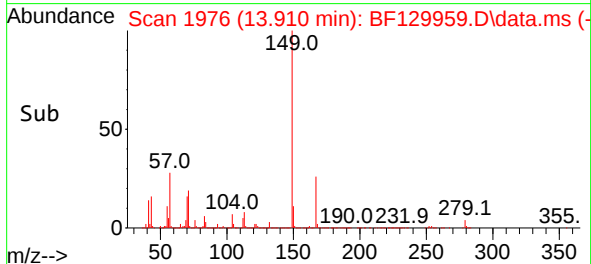
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



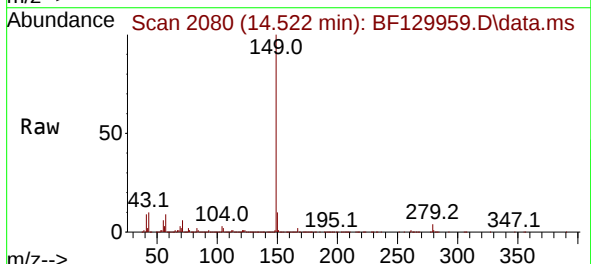
Tgt Ion:149 Resp: 77571
Ion Ratio Lower Upper
149 100
167 26.3 22.0 33.0
279 4.0 3.6 5.4

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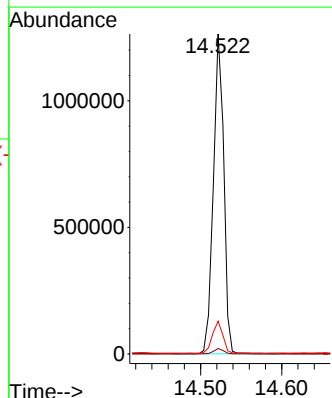
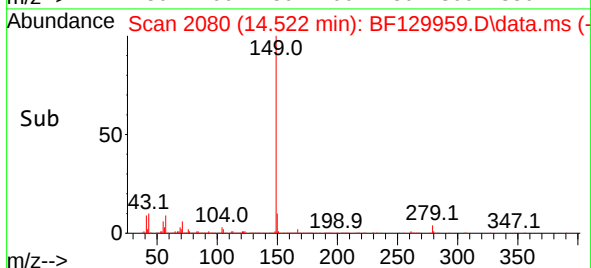
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

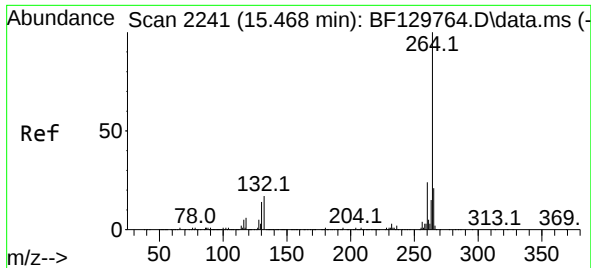


#85
Di-n-octyl phthalate
Concen: 70.432 ng
RT: 14.522 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25



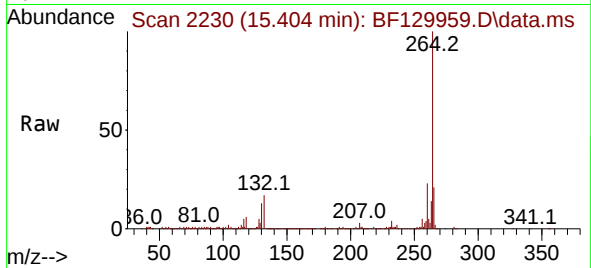
Tgt Ion:149 Resp: 1119720
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129959.D
 Acq: 23 Aug 2022 18:25

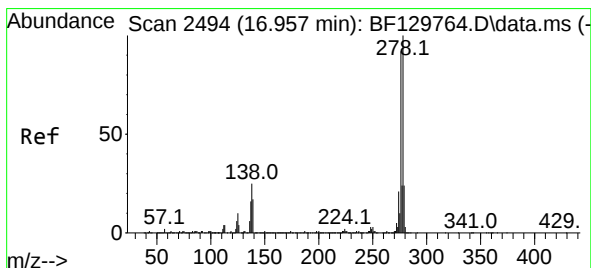
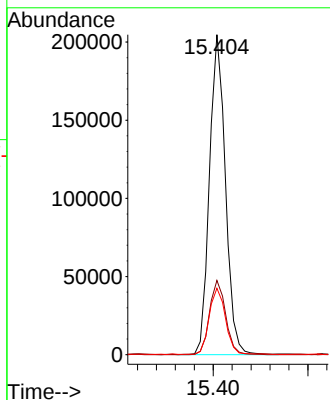
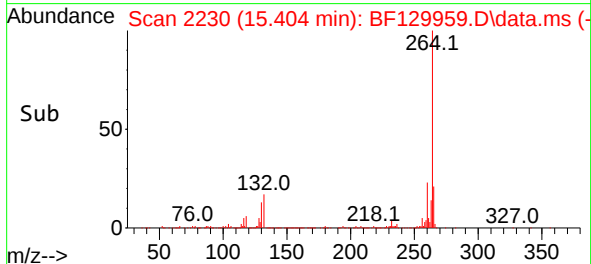
Instrument :
 BNA_F
 ClientSampleId :
 BLDG-19CMS



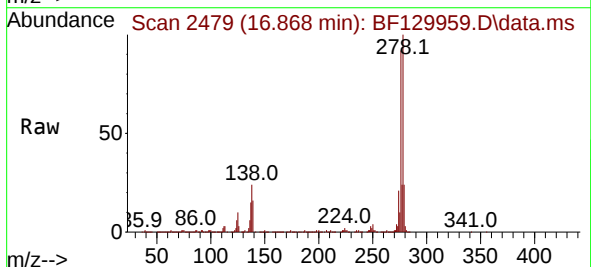
Tgt Ion:264 Resp: 23942
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.7 16.7 25.1

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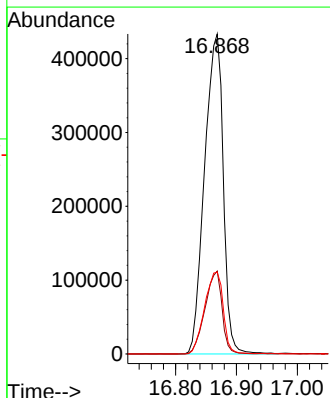
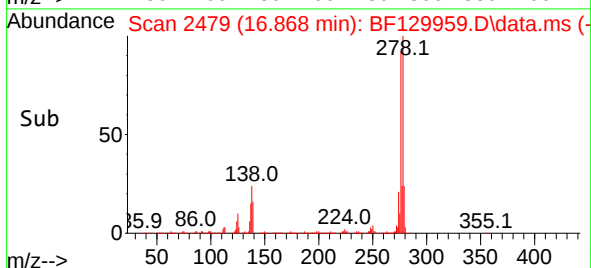
Reviewed By :Christian Giraldo 08/24/2022
 Supervised By :Jagrut Upadhyay 08/24/2022

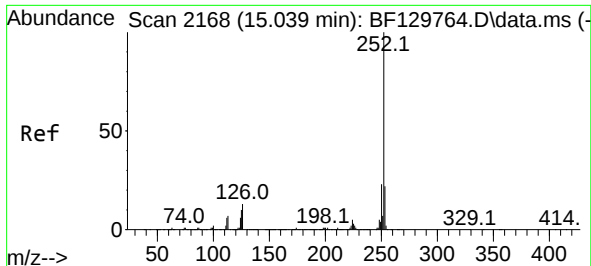


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.178 ng
 RT: 16.868 min Scan# 2479
 Delta R.T. 0.012 min
 Lab File: BF129959.D
 Acq: 23 Aug 2022 18:25



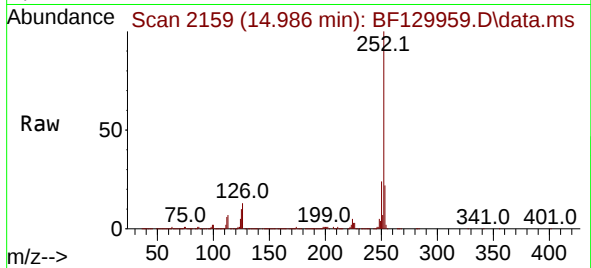
Tgt Ion:276 Resp: 923385
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.8 29.8
 277 25.6 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 50.897 ng
RT: 14.986 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

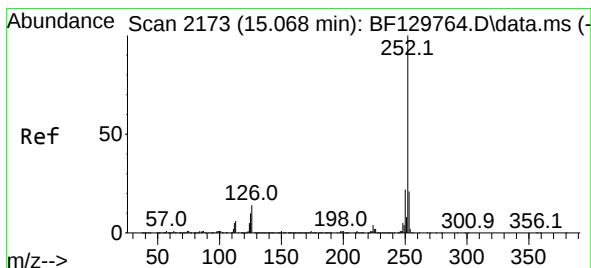
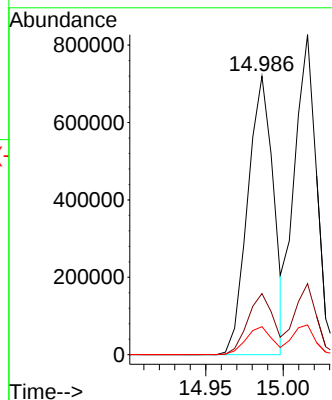
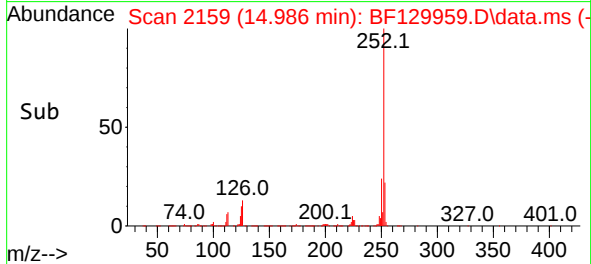
Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS



Tgt Ion:252 Resp: 83443
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 8.3 12.5

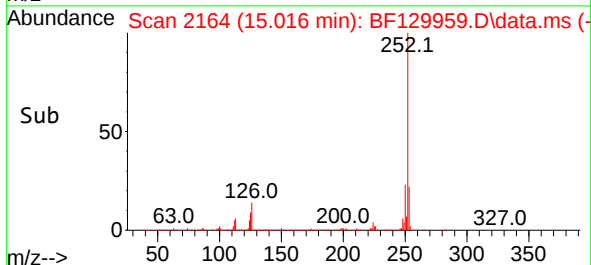
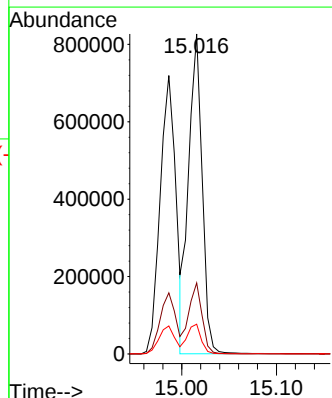
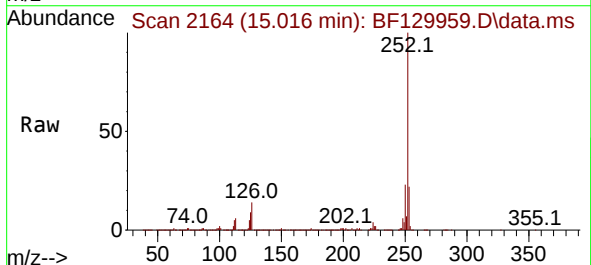
Manual Integrations
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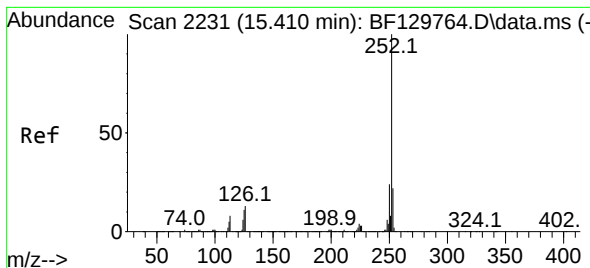
Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022



#89
Benzo(k)fluoranthene
Concen: 52.325 ng
RT: 15.016 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF129959.D
Acq: 23 Aug 2022 18:25

Tgt Ion:252 Resp: 822678
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.3 8.3 12.5





#90

Benzo(a)pyrene

Concen: 55.605 ng

RT: 15.345 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

Instrument :

BNA_F

ClientSampleId :

BLDG-19CMS

Tgt Ion:252 Resp: 71789

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

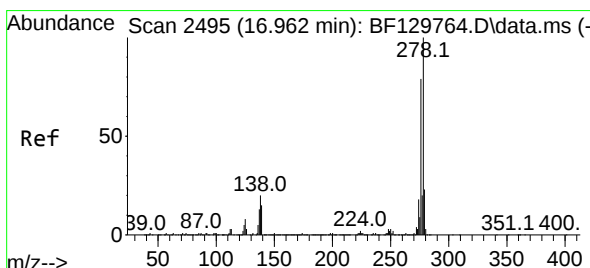
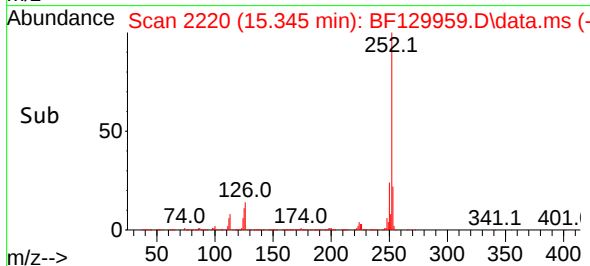
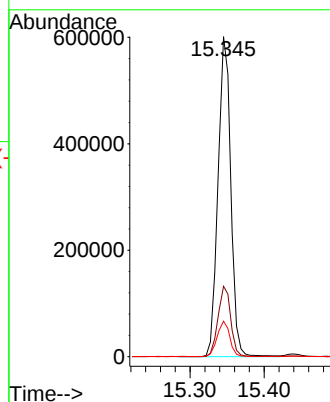
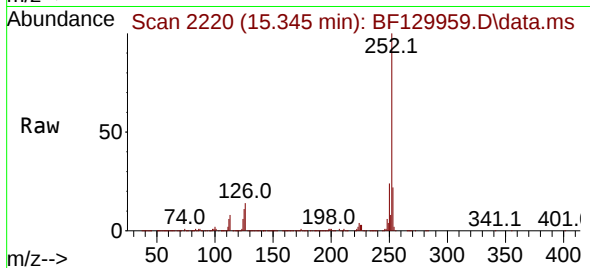
125 11.1 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/24/2022

Supervised By :Jagrut Upadhyay 08/24/2022



#91

Dibenzo(a,h)anthracene

Concen: 59.492 ng

RT: 16.868 min Scan# 2479

Delta R.T. 0.012 min

Lab File: BF129959.D

Acq: 23 Aug 2022 18:25

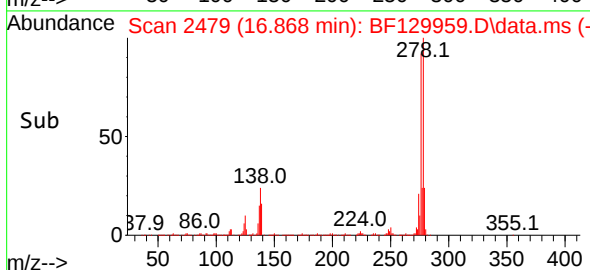
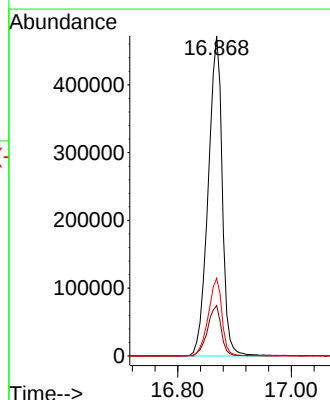
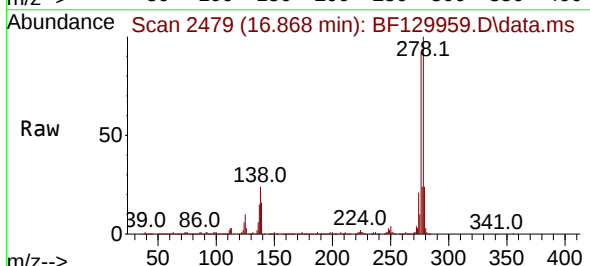
Tgt Ion:278 Resp: 806835

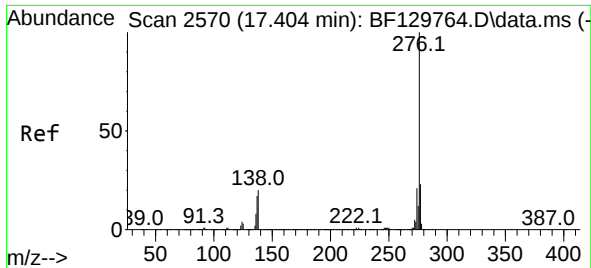
Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

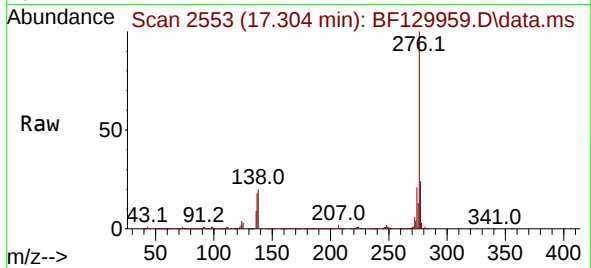
279 24.3 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 59.982 ng
 RT: 17.304 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129959.D
 Acq: 23 Aug 2022 18:25

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-19CMS



Tgt Ion: 276 Resp: 811579
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.2 27.4
 138 20.3 15.8 23.8

Manual Integrations
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Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

