

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129971.D
 Acq On : 24 Aug 2022 13:28
 Operator : CG\JU
 Sample : PB147081BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147081BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 24 14:08:37 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	135541	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	562245	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296949	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	498224	20.000	ng	0.00
76) Chrysene-d12	13.945	240	285664	20.000	ng	0.00
86) Perylene-d12	15.392	264	236968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1040240	127.070	ng	0.00
7) Phenol-d6	6.440	99	1258235	122.736	ng	0.00
23) Nitrobenzene-d5	7.345	82	836851	79.677	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	372740	125.067	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1541790	78.858	ng	0.00
79) Terphenyl-d14	12.880	244	1639156	95.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	115870	34.308	ng	98
3) Pyridine	3.328	79	296415	33.537	ng	99
4) n-Nitrosodimethylamine	3.257	42	200505	49.225	ng	88
6) Aniline	6.440	93	492570	42.157	ng	# 72
8) 2-Chlorophenol	6.569	128	409110	44.891	ng	98
9) Benzaldehyde	6.328	77	271839	51.439	ng	95
10) Phenol	6.451	94	496046	44.112	ng	# 75
11) bis(2-Chloroethyl)ether	6.510	93	372493	43.621	ng	96
12) 1,3-Dichlorobenzene	6.710	146	421586	42.851	ng	99
13) 1,4-Dichlorobenzene	6.787	146	424686	42.246	ng	99
14) 1,2-Dichlorobenzene	6.940	146	407837	43.682	ng	99
15) Benzyl Alcohol	6.928	79	353873	45.725	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	505914	44.214	ng	90
17) 2-Methylphenol	7.045	107	322671	44.096	ng	96
18) Hexachloroethane	7.275	117	168368	44.600	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	291991	45.061	ng	99
20) 3+4-Methylphenols	7.204	107	422706	43.034	ng	98
22) Acetophenone	7.187	105	594542	43.393	ng	# 96
24) Nitrobenzene	7.363	77	438814	41.433	ng	94
25) Isophorone	7.598	82	784554	43.400	ng	98
26) 2-Nitrophenol	7.681	139	217152	41.685	ng	97
27) 2,4-Dimethylphenol	7.722	122	342071	45.787	ng	94
28) bis(2-Chloroethoxy)met...	7.804	93	466605	44.207	ng	98
29) 2,4-Dichlorophenol	7.928	162	330672	40.478	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	338809	39.314	ng	98
31) Naphthalene	8.075	128	1148526	39.069	ng	100
32) Benzoic acid	7.887	122	168324	49.604	ng	92
33) 4-Chloroaniline	8.134	127	418190	36.174	ng	96
34) Hexachlorobutadiene	8.181	225	212420	40.479	ng	98
35) Caprolactam	8.522	113	105525m	41.539	ng	
36) 4-Chloro-3-methylphenol	8.634	107	375545	42.612	ng	98
37) 2-Methylnaphthalene	8.769	142	757820	39.276	ng	100
38) 1-Methylnaphthalene	8.863	142	719762	38.384	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	339960	41.162	ng	98
41) Hexachlorocyclopentadiene	8.910	237	239049	85.634	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	208164	38.792	ng	100

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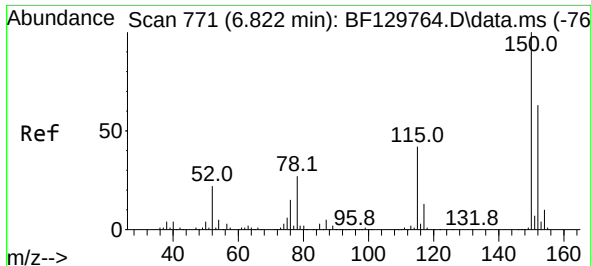
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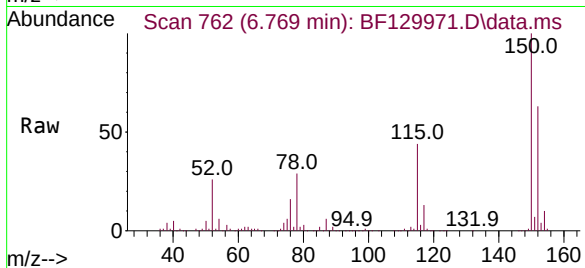
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	220386	38.174	ng	97
46) 1,1'-Biphenyl	9.228	154	927858	41.130	ng	99
47) 2-Chloronaphthalene	9.257	162	716681	40.152	ng	97
48) 2-Nitroaniline	9.369	65	241761	42.860	ng	99
49) Acenaphthylene	9.669	152	1077569	39.811	ng	100
50) Dimethylphthalate	9.533	163	854130	40.124	ng	99
51) 2,6-Dinitrotoluene	9.610	165	189436	41.024	ng	96
52) Acenaphthene	9.845	154	655258	39.902	ng	99
53) 3-Nitroaniline	9.781	138	164465	32.206	ng	89
54) 2,4-Dinitrophenol	9.904	184	165168	79.173	ng	95
55) Dibenzofuran	10.016	168	979126	39.687	ng	95
56) 4-Nitrophenol	9.975	139	169028	74.401	ng	87
57) 2,4-Dinitrotoluene	10.022	165	248981	41.536	ng #	89
58) Fluorene	10.357	166	812516	39.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	170908	40.339	ng #	78
60) Diethylphthalate	10.233	149	843600	39.744	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	378383	40.931	ng	95
62) 4-Nitroaniline	10.404	138	201251m	39.064	ng	
63) Azobenzene	10.510	77	833691	41.092	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	119884	40.988	ng	95
66) n-Nitrosodiphenylamine	10.475	169	694794	41.317	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	238003	40.785	ng	92
68) Hexachlorobenzene	10.910	284	265804	42.050	ng #	89
69) Atrazine	11.004	200	232631	45.072	ng	98
70) Pentachlorophenol	11.116	266	136031	72.324	ng	98
71) Phenanthrene	11.322	178	1130515	40.628	ng	99
72) Anthracene	11.375	178	1162815	42.022	ng	100
73) Carbazole	11.539	167	1046627	41.667	ng	100
74) Di-n-butylphthalate	11.851	149	1303567	40.323	ng	99
75) Fluoranthene	12.516	202	1141878	40.103	ng	99
77) Benzidine	12.639	184	568287	88.002	ng	99
78) Pyrene	12.745	202	1161253	46.779	ng	100
80) Butylbenzylphthalate	13.351	149	431699	41.098	ng	100
81) Benzo(a)anthracene	13.933	228	791879	40.297	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	217517	35.740	ng	99
83) Chrysene	13.968	228	730293	39.701	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	508210	40.780	ng #	96
85) Di-n-octyl phthalate	14.510	149	710923	41.325	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	831641	51.121	ng	98
88) Benzo(b)fluoranthene	14.974	252	650029	40.060	ng	99
89) Benzo(k)fluoranthene	15.004	252	627744	40.340	ng	98
90) Benzo(a)pyrene	15.333	252	578632	45.283	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	719854	53.628	ng	99
92) Benzo(g,h,i)perylene	17.286	276	734715	54.864	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

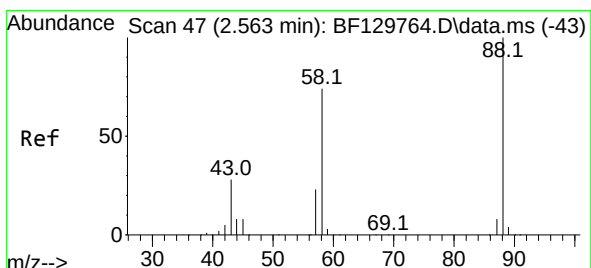
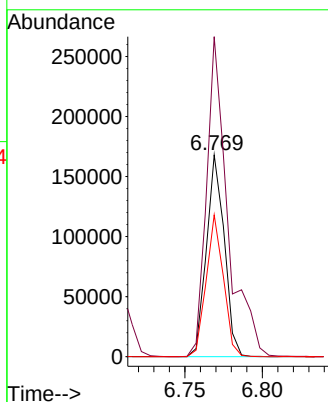
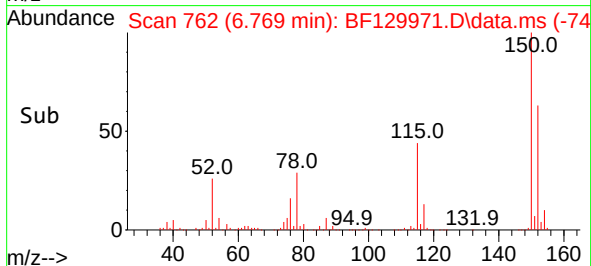
Instrument :
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 PB147081BS



Tgt Ion: 152 Resp: 13554
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.9 190.3
 115 70.2 53.4 80.0

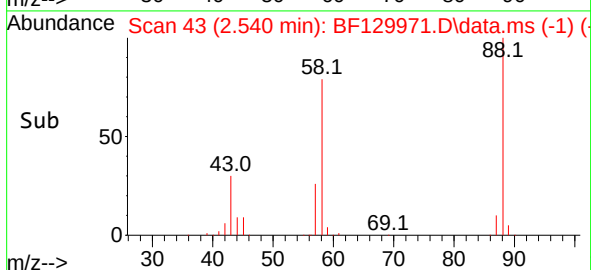
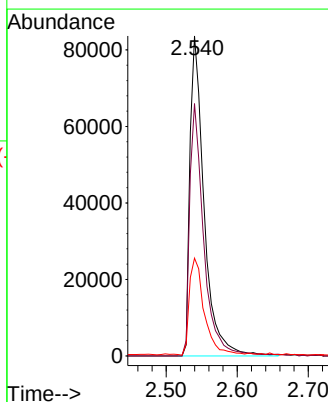
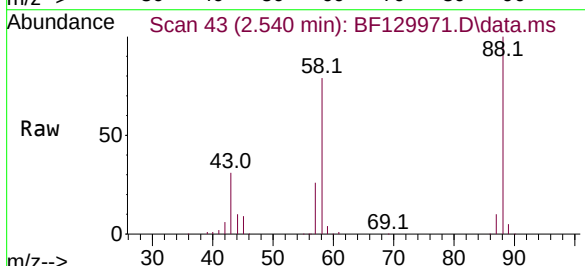
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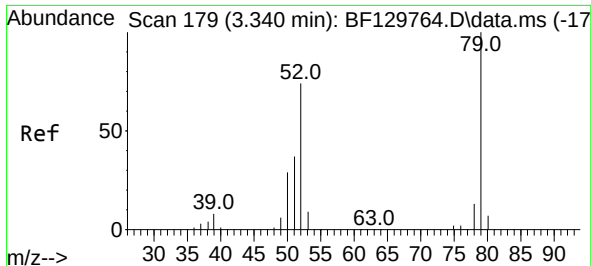
Reviewed By : Christian Giraldo 08/25/2022
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#2
 1,4-Dioxane
 Concen: 34.308 ng
 RT: 2.540 min Scan# 43
 Delta R.T. 0.059 min
 Lab File: BF129971.D
 Acq: 24 Aug 2022 13:28

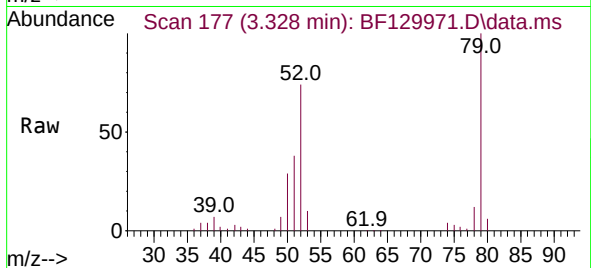
Tgt Ion: 88 Resp: 115870
 Ion Ratio Lower Upper
 88 100
 58 77.6 60.9 91.3
 43 31.3 23.6 35.4





#3
Pyridine
Concen: 33.537 ng
RT: 3.328 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

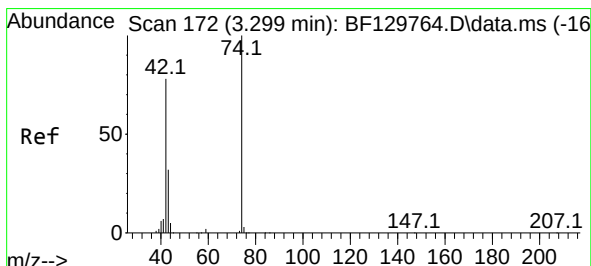
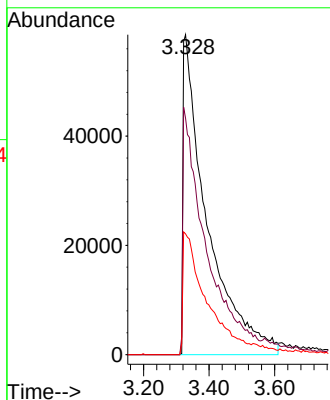
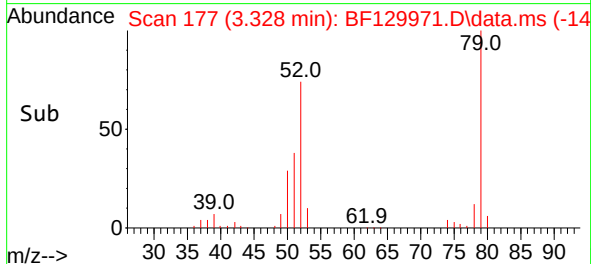
Instrument :
BNA_F
ClientSampleId :
PB147081BS



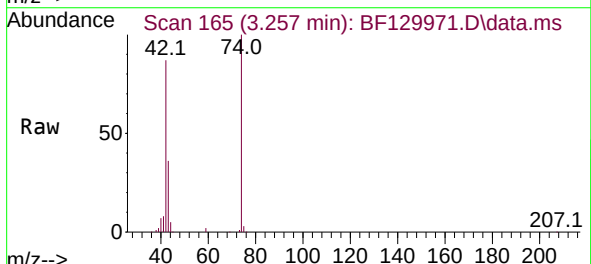
Tgt Ion: 79 Resp: 296415
Ion Ratio Lower Upper
79 100
52 73.9 59.4 89.2
51 37.7 29.5 44.3

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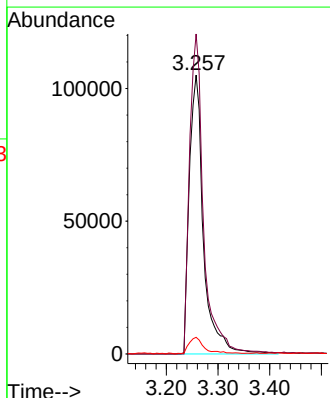
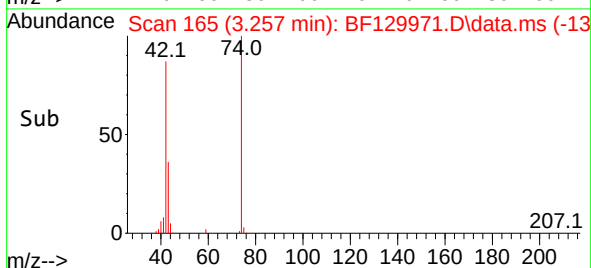
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Supervised By :Jagrut Upadhyay 08/25/2022

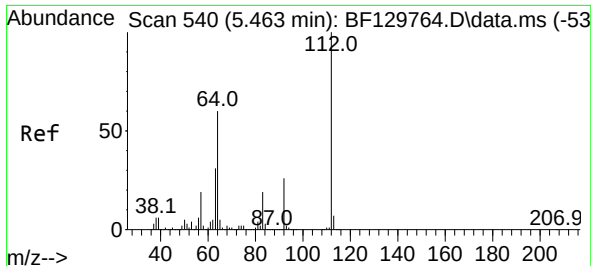


#4
n-Nitrosodimethylamine
Concen: 49.225 ng
RT: 3.257 min Scan# 165
Delta R.T. 0.053 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



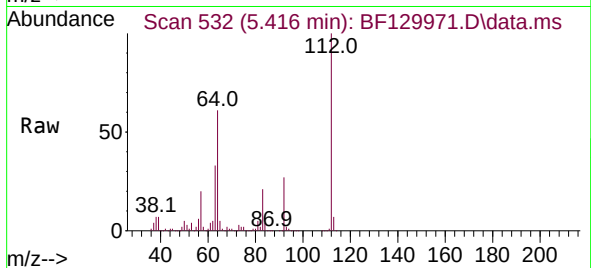
Tgt Ion: 42 Resp: 200505
Ion Ratio Lower Upper
42 100
74 114.8 103.1 154.7
44 5.9 5.4 8.2





#5
2-Fluorophenol
Concen: 127.070 ng
RT: 5.416 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

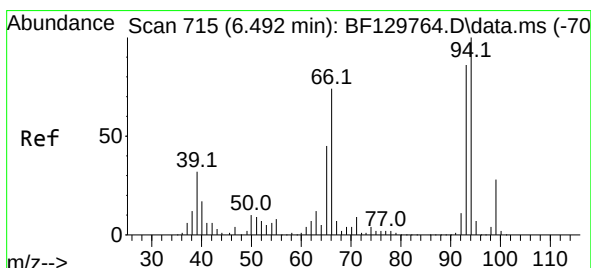
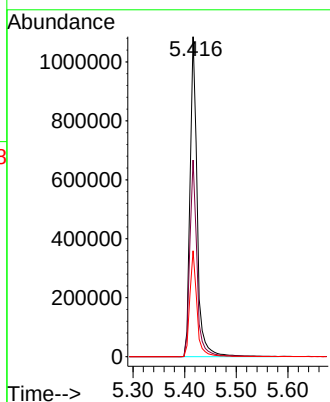
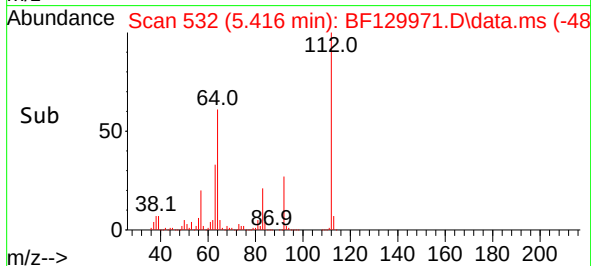
Instrument :
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Tgt Ion: 112 Resp: 1040240
Ion Ratio Lower Upper
112 100
64 61.4 47.6 71.4
63 33.1 24.6 37.0

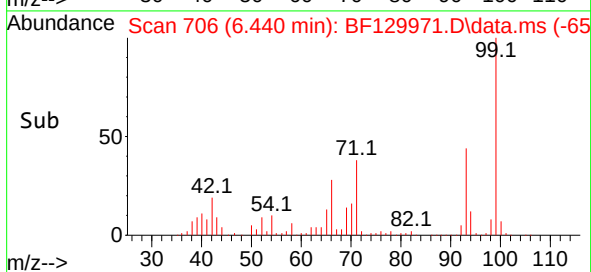
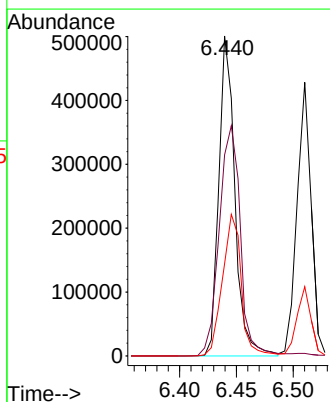
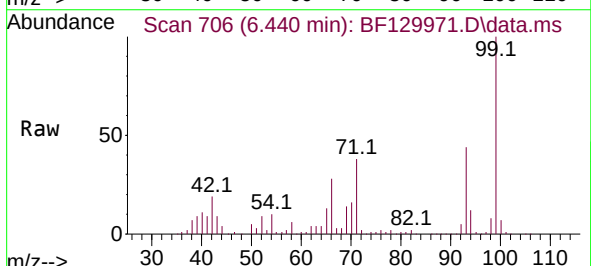
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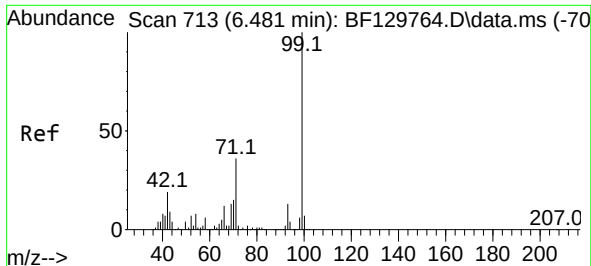
Reviewed By :Christian Giraldo 08/25/2022
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#6
Aniline
Concen: 42.157 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

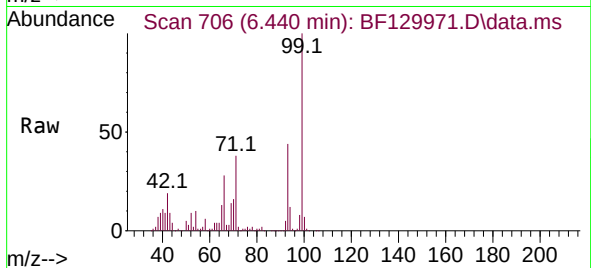
Tgt Ion: 93 Resp: 492570
Ion Ratio Lower Upper
93 100
66 62.8 68.7 103.1#
65 28.8 41.6 62.4#





#7
Phenol-d6
Concen: 122.736 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

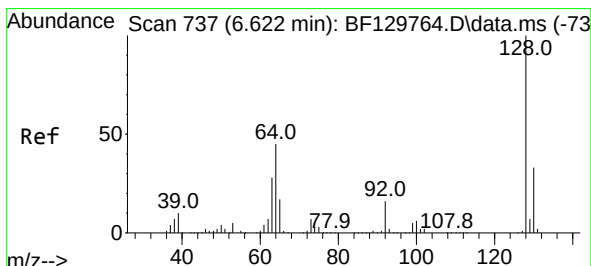
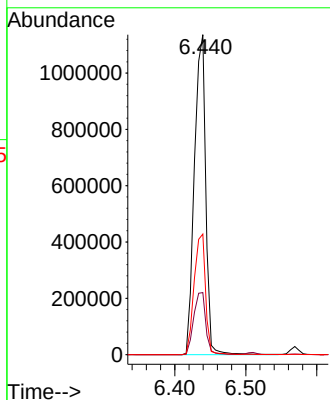
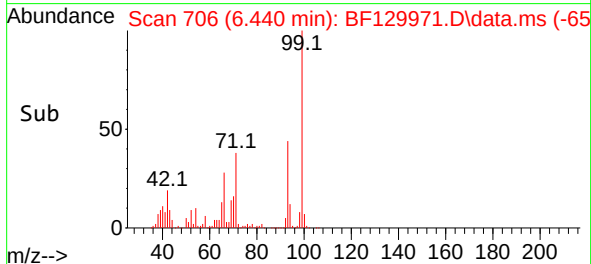
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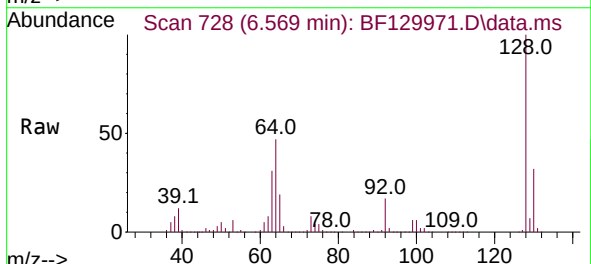
Tgt Ion: 99 Resp: 1258235
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 37.7 28.8 43.2

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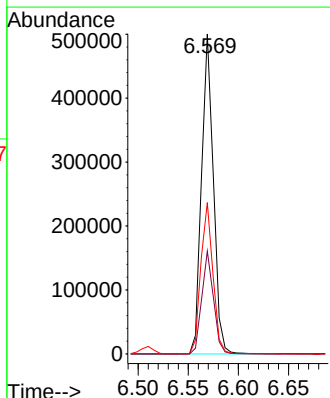
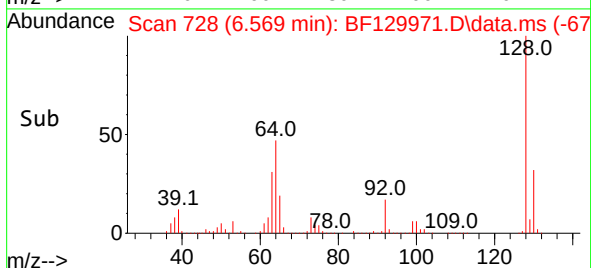
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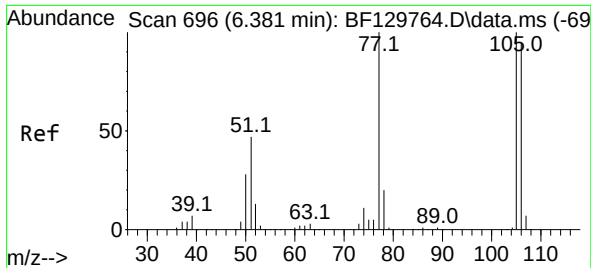


#8
2-Chlorophenol
Concen: 44.891 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



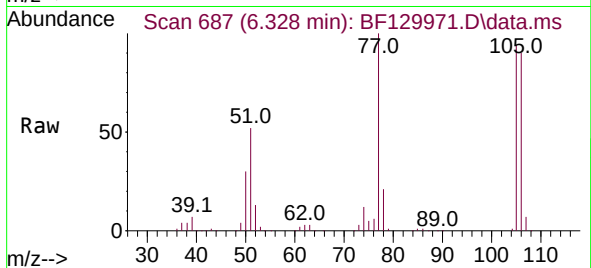
Tgt Ion:128 Resp: 409110
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 47.3 24.9 64.9





#9
Benzaldehyde
Concen: 51.439 ng
RT: 6.328 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

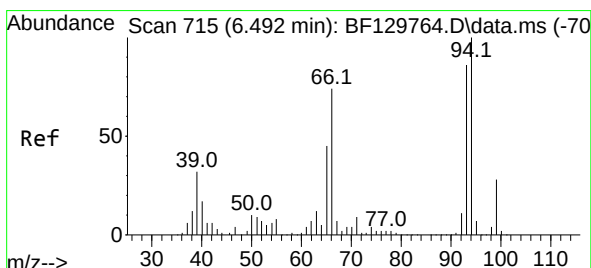
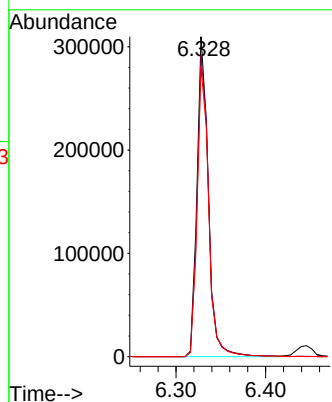
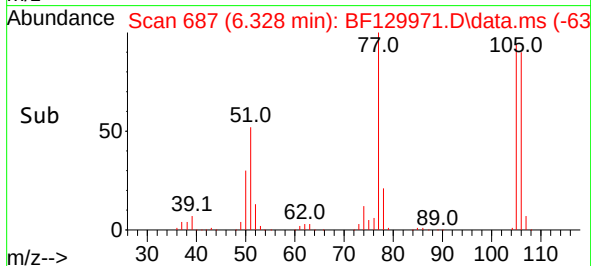
Instrument :
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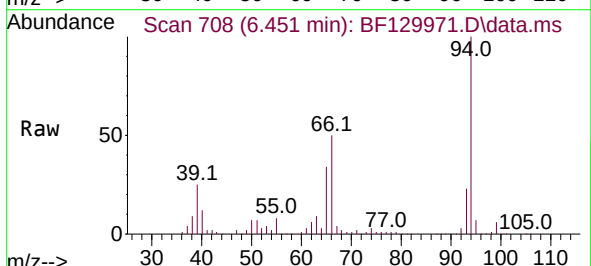
Tgt Ion: 77 Resp: 271839
Ion Ratio Lower Upper
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105 94.2 80.3 120.3
106 90.5 74.3 114.3

Manual Integrations
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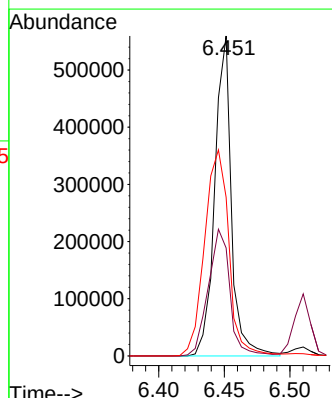
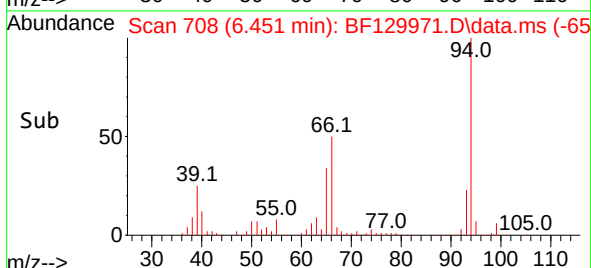
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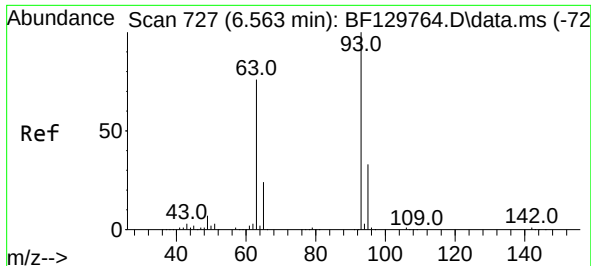


#10
Phenol
Concen: 44.112 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion: 94 Resp: 496046
Ion Ratio Lower Upper
94 100
65 33.7 24.9 64.9
66 49.6 54.2 94.2#





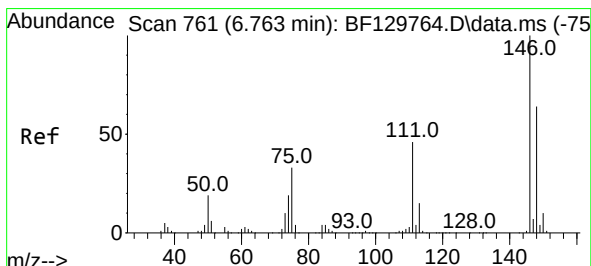
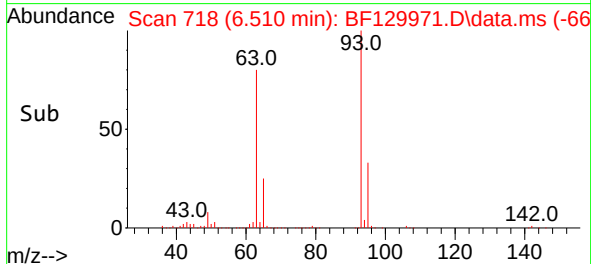
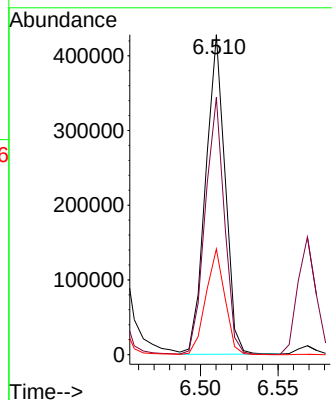
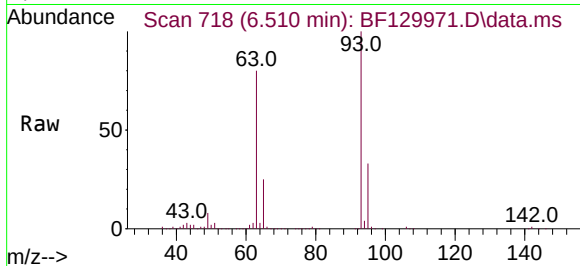
#11
bis(2-Chloroethyl)ether
Concen: 43.621 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion: 93 Resp: 372493
Ion Ratio Lower Upper
93 100
63 80.4 55.9 95.9
95 33.0 12.3 52.3

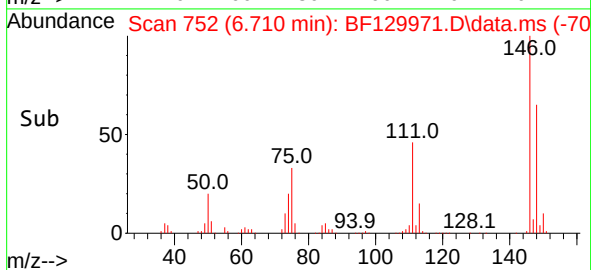
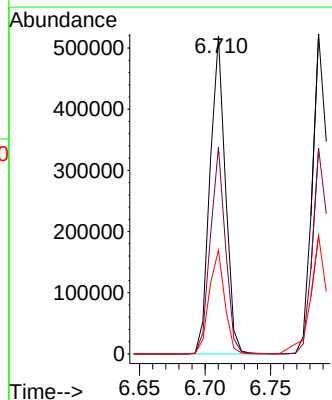
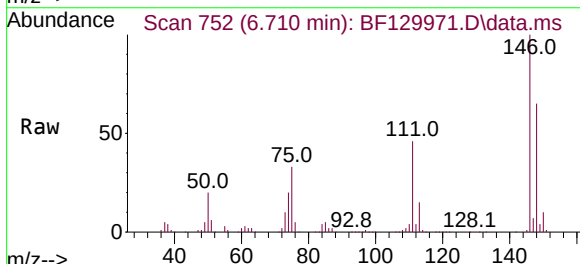
Manual Integrations
APPROVED

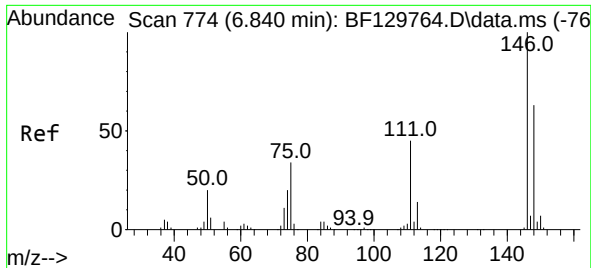
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#12
1,3-Dichlorobenzene
Concen: 42.851 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

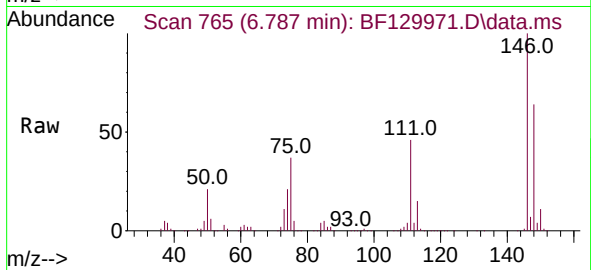
Tgt Ion:146 Resp: 421586
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
75 32.7 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 42.246 ng
RT: 6.787 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

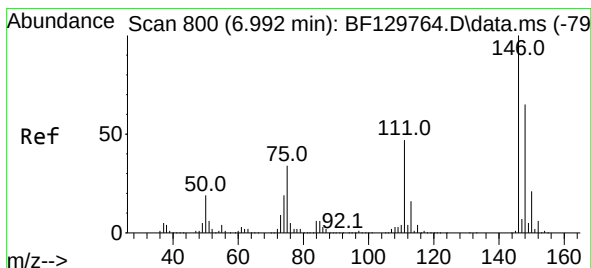
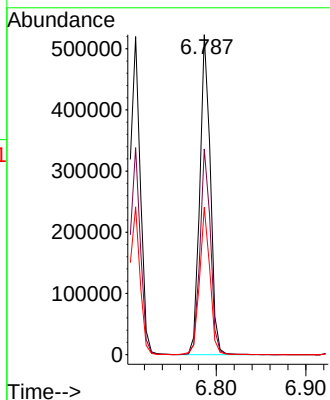
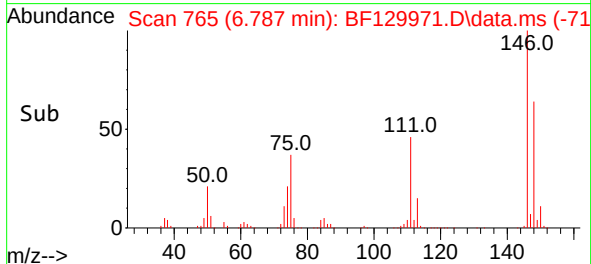
Instrument :
BNA_F
ClientSampleId :
PB147081BS



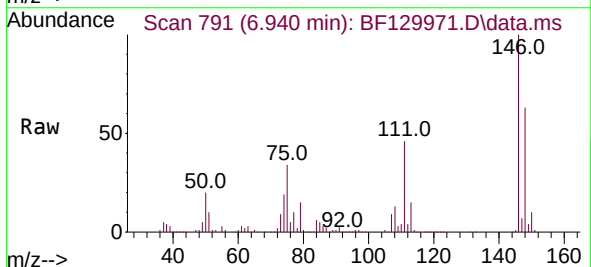
Tgt Ion:146 Resp: 424686
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 46.0 36.2 54.4

Manual Integrations
APPROVED

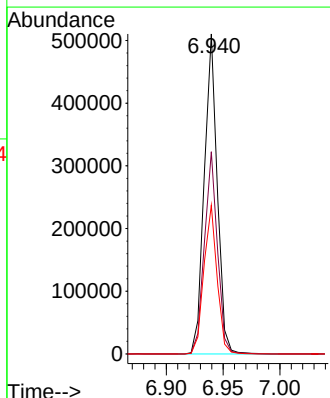
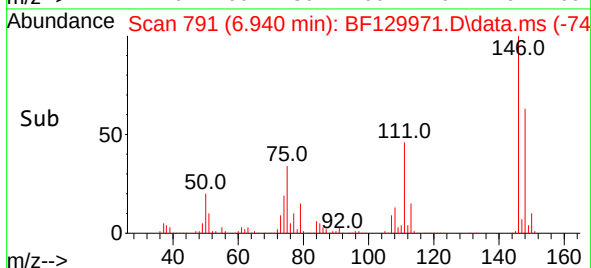
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

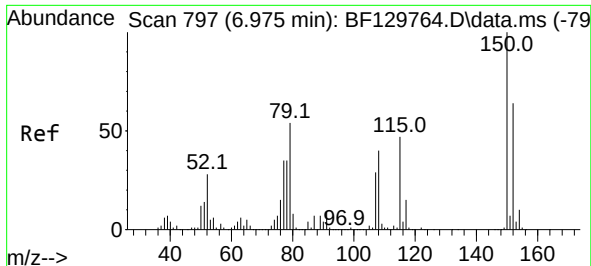


#14
1,2-Dichlorobenzene
Concen: 43.682 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:146 Resp: 407837
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 46.4 37.2 55.8





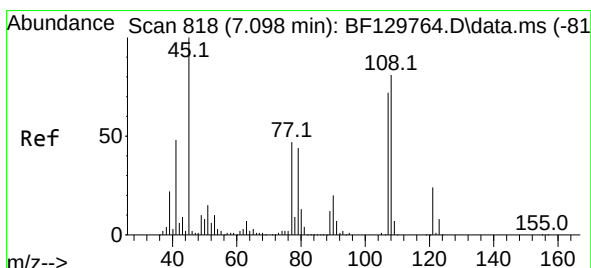
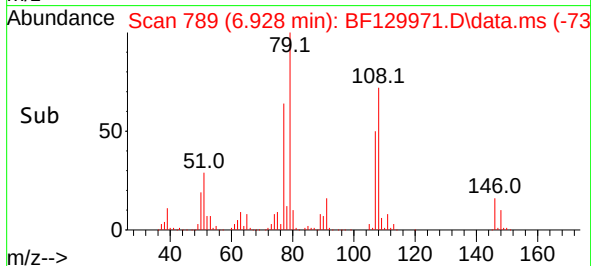
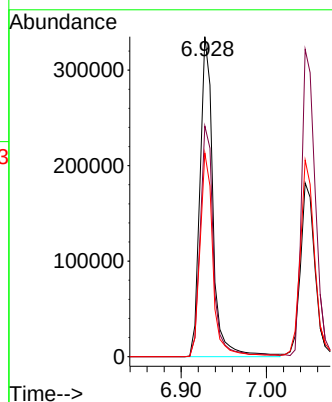
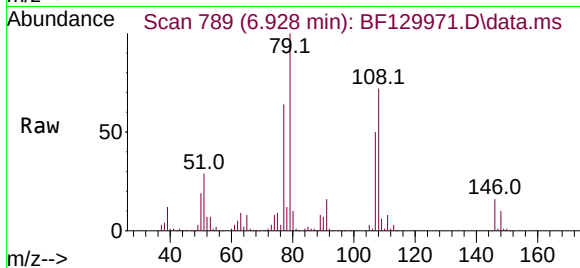
#15
Benzyl Alcohol
Concen: 45.725 ng
RT: 6.928 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion: 79 Resp: 353873
Ion Ratio Lower Upper
79 100
108 72.1 59.2 88.8
77 63.6 51.9 77.9

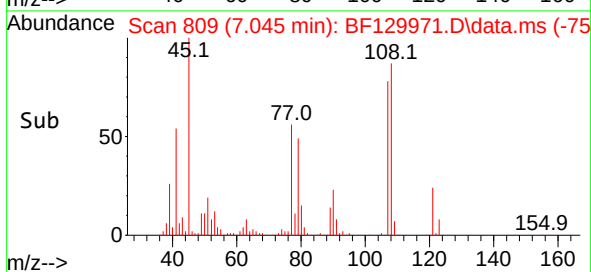
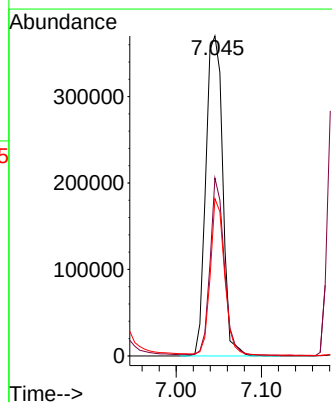
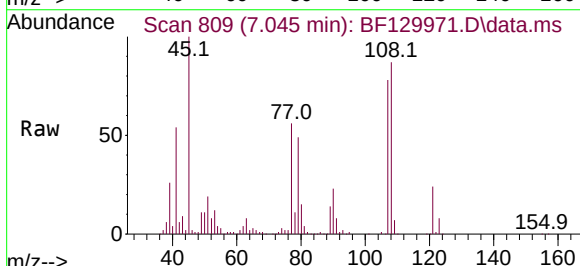
Manual Integrations
APPROVED

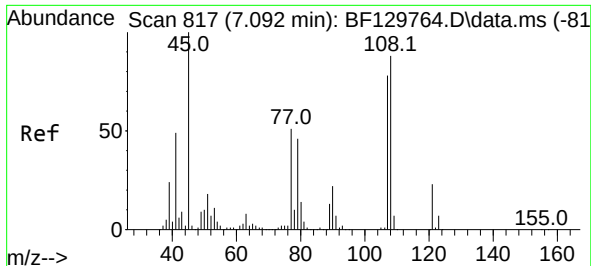
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.214 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion: 45 Resp: 505914
Ion Ratio Lower Upper
45 100
77 55.6 27.4 67.4
79 49.1 24.4 64.4





#17
2-Methylphenol
Concen: 44.096 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

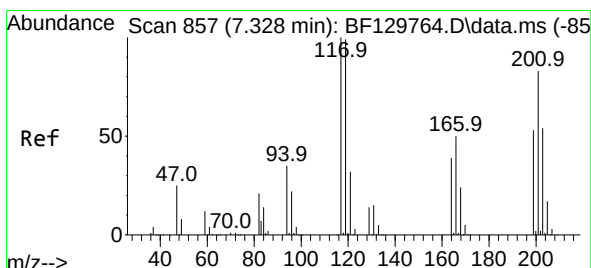
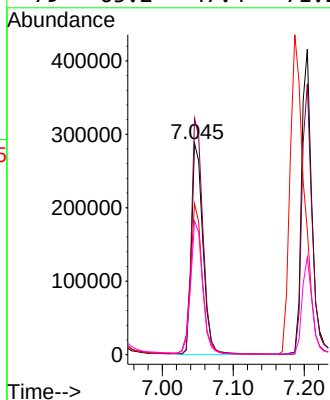
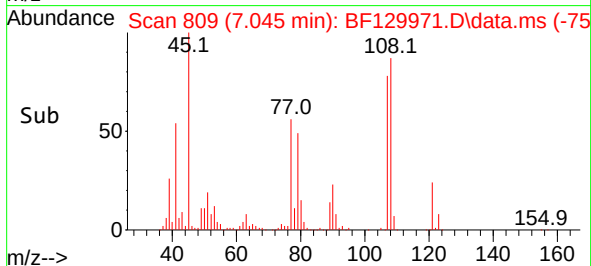
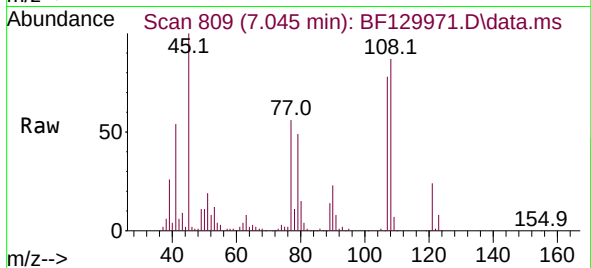
ClientSampleId :

PB147081BS

Tgt Ion:107 Resp: 32267
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.2
77 71.5 51.8 77.8
79 63.2 47.4 71.2

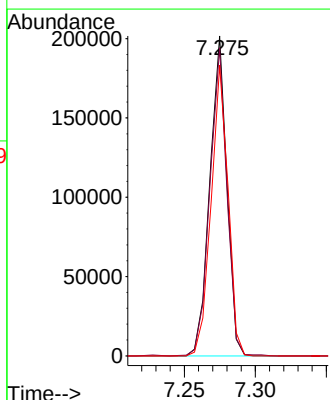
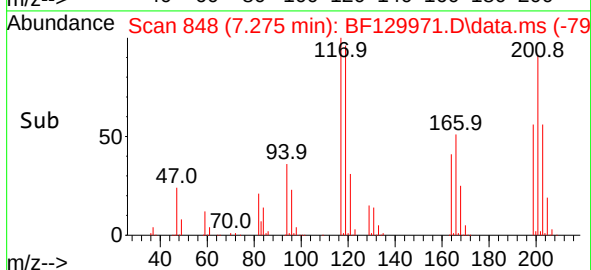
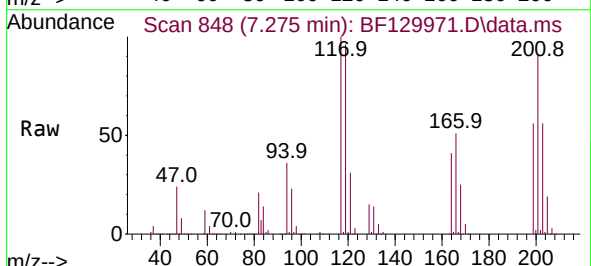
Manual Integrations
APPROVED

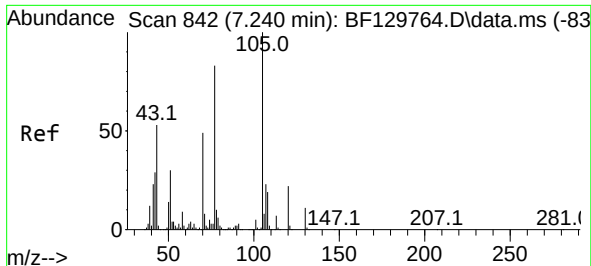
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#18
Hexachloroethane
Concen: 44.600 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

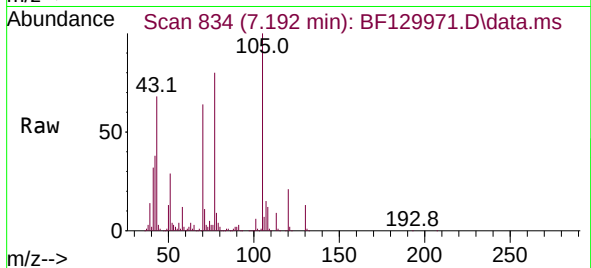
Tgt Ion:117 Resp: 168368
Ion Ratio Lower Upper
117 100
119 96.3 79.1 118.7
201 90.8 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.061 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

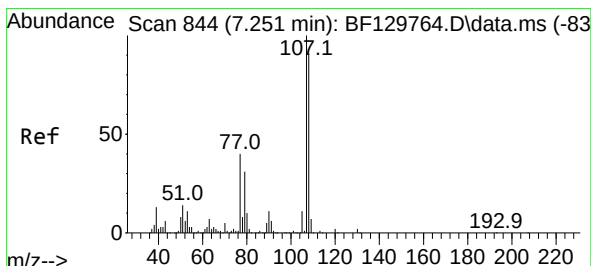
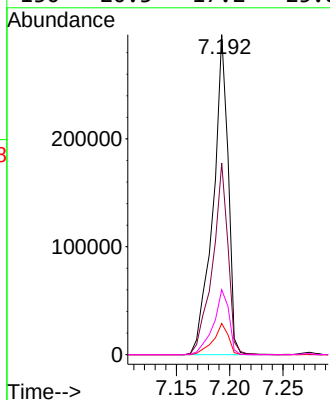
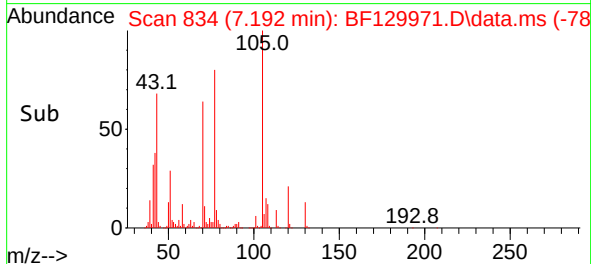
Instrument :
BNA_F
ClientSampleId :
PB147081BS



Tgt Ion: 70 Resp: 291991
Ion Ratio Lower Upper
70 100
42 59.9 47.6 71.4
101 9.7 8.1 12.1
130 20.3 17.2 25.8

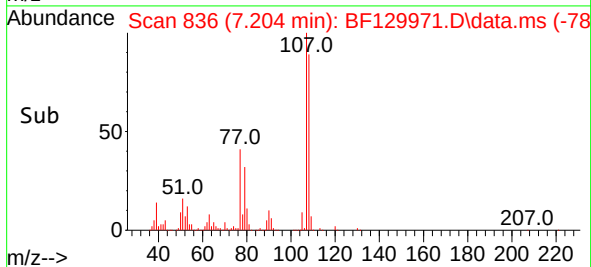
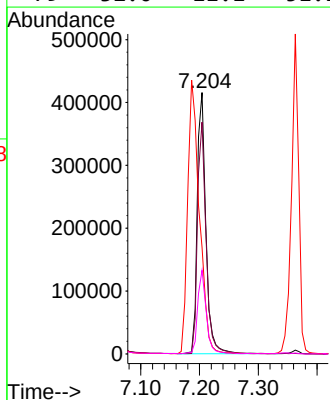
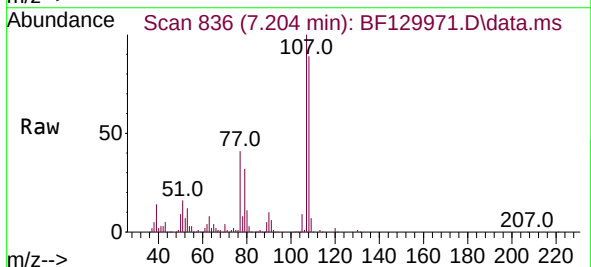
Manual Integrations
APPROVED

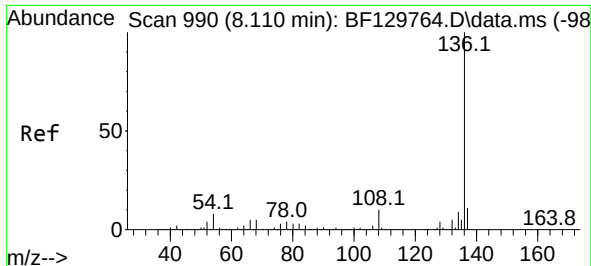
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#20
3+4-Methylphenols
Concen: 43.034 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:107 Resp: 422706
Ion Ratio Lower Upper
107 100
108 88.7 71.3 111.3
77 40.8 20.4 60.4
79 32.0 11.1 51.1





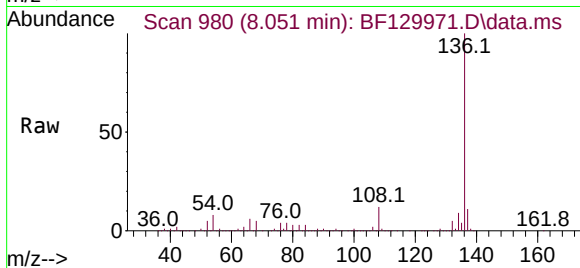
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

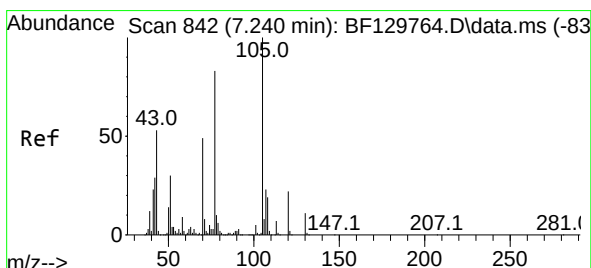
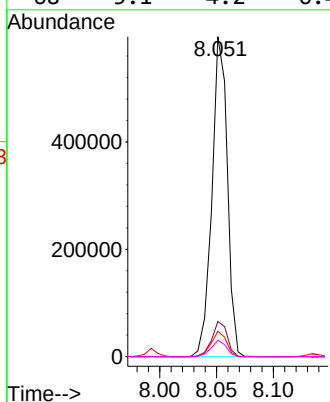
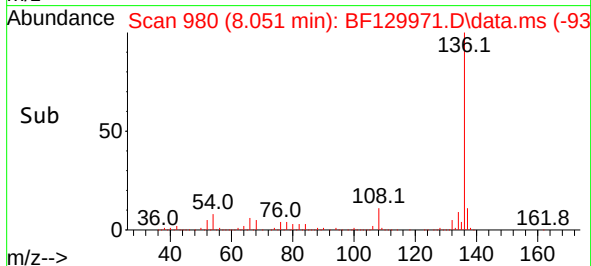


Tgt Ion:136 Resp: 562245
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.1 4.2 6.4

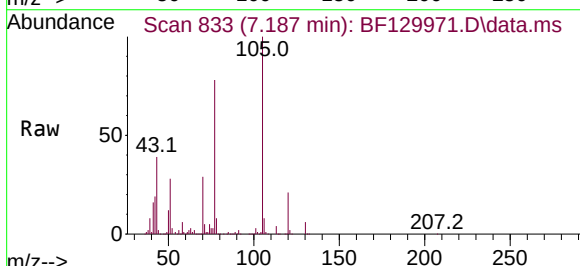
Manual Integrations

APPROVED

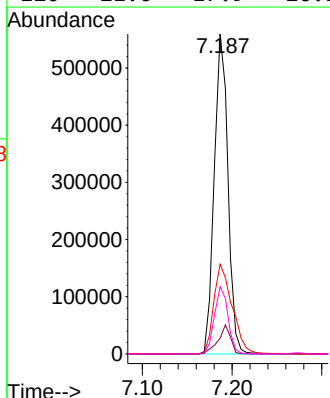
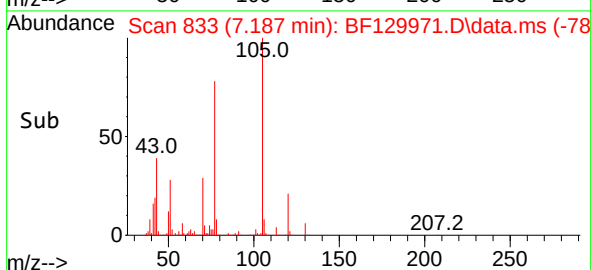
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

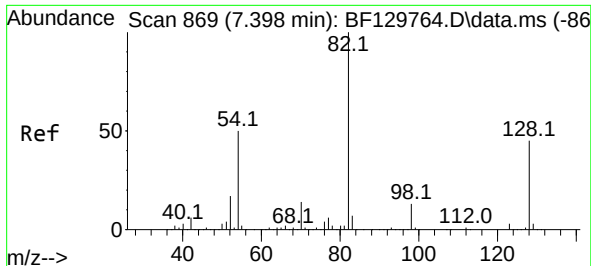


#22
Acetophenone
Concen: 43.393 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:105 Resp: 594542
Ion Ratio Lower Upper
105 100
71 4.9 6.6 9.8#
51 28.0 23.8 35.8
120 21.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 79.677 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

Tgt Ion: 82 Resp: 83685

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

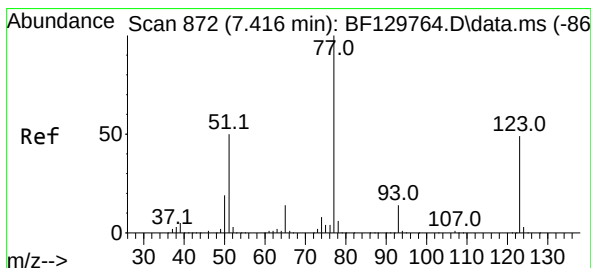
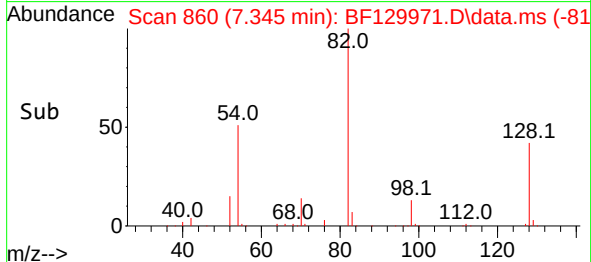
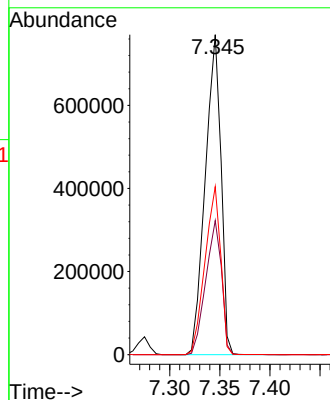
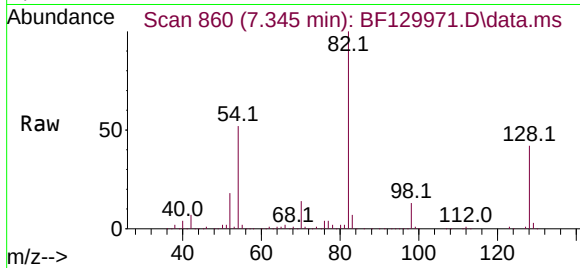
54 52.5 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#24

Nitrobenzene

Concen: 41.433 ng

RT: 7.363 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

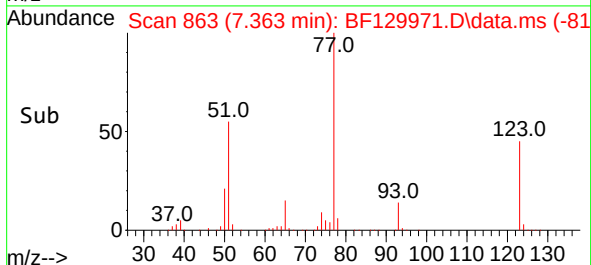
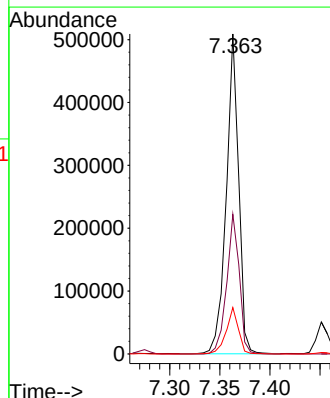
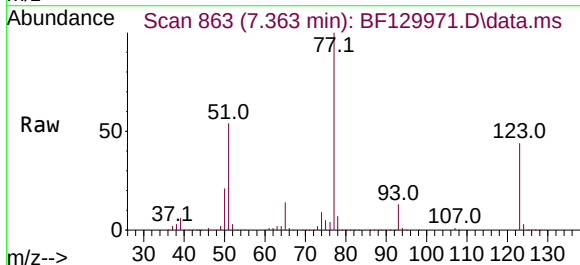
Tgt Ion: 77 Resp: 438814

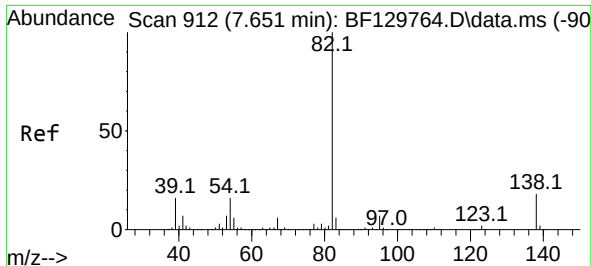
Ion Ratio Lower Upper

77 100

123 43.6 39.2 58.8

65 14.5 11.1 16.7





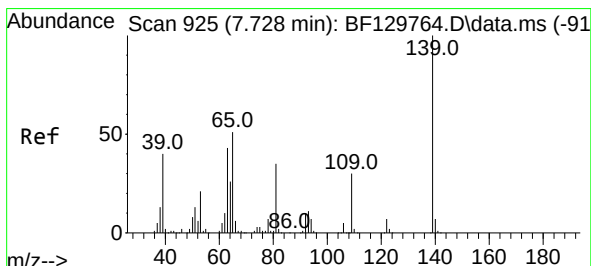
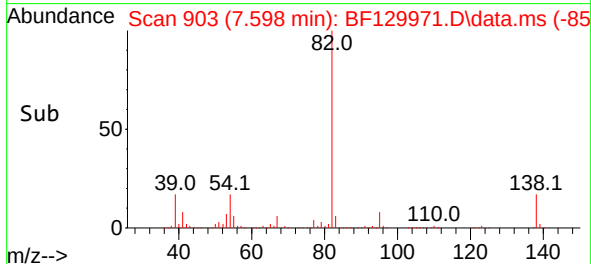
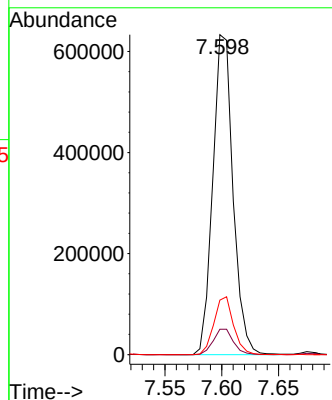
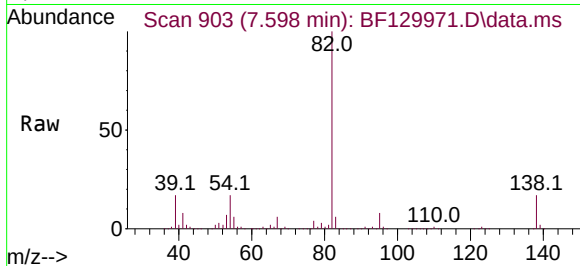
#25
Isophorone
Concen: 43.400 ng
RT: 7.598 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion: 82 Resp: 784554
Ion Ratio Lower Upper
82 100
95 7.9 5.9 8.9
138 17.0 14.6 21.8

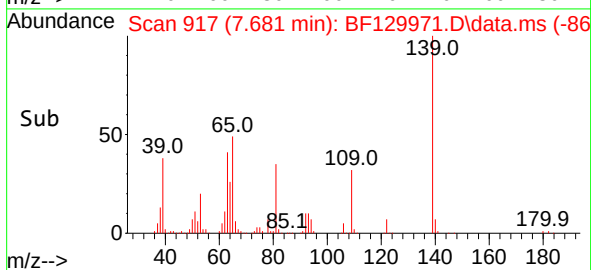
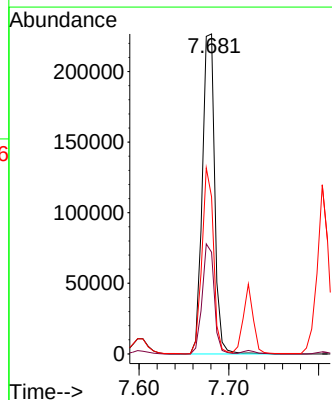
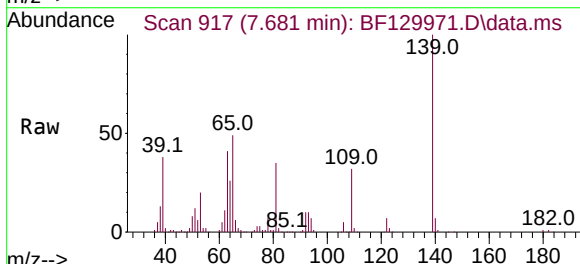
Manual Integrations
APPROVED

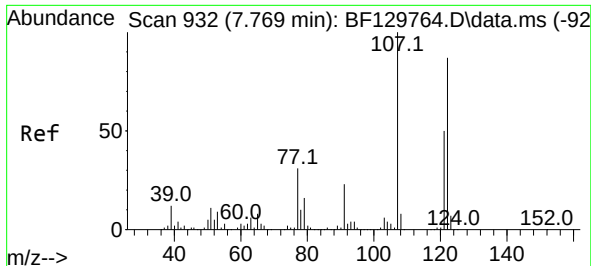
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#26
2-Nitrophenol
Concen: 41.685 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:139 Resp: 217152
Ion Ratio Lower Upper
139 100
109 31.8 24.4 36.6
65 49.1 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 45.787 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129971.D

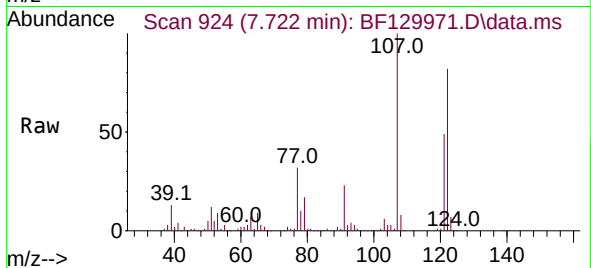
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS



Tgt Ion: 122 Resp: 34207

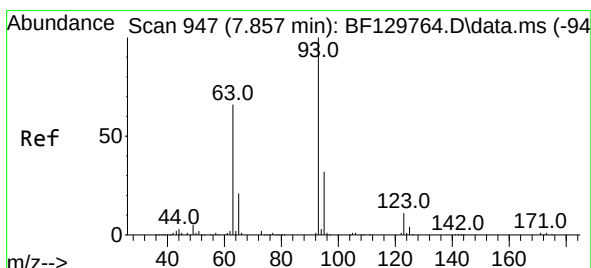
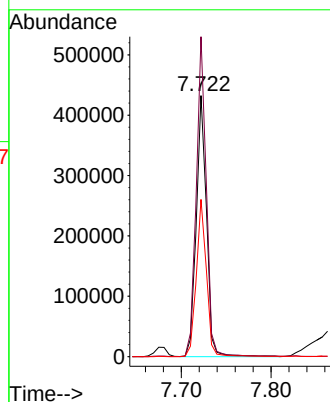
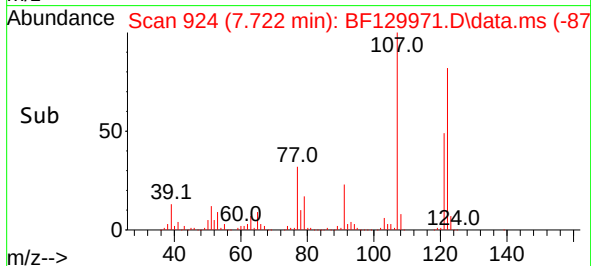
Ion	Ratio	Lower	Upper
122	100		
107	122.6	92.2	138.4
121	60.2	46.1	69.1

Manual Integrations

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Reviewed By : Christian Giraldo 08/25/2022

Supervised By : Jagrut Upadhyay 08/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.207 ng

RT: 7.804 min Scan# 938

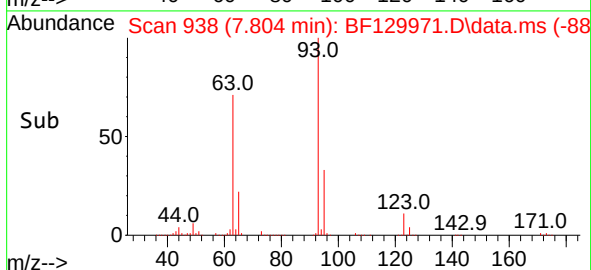
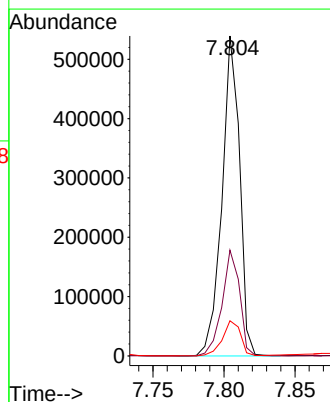
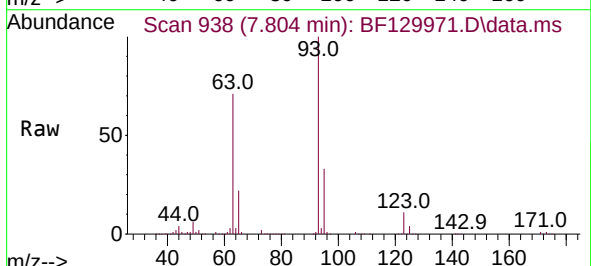
Delta R.T. -0.006 min

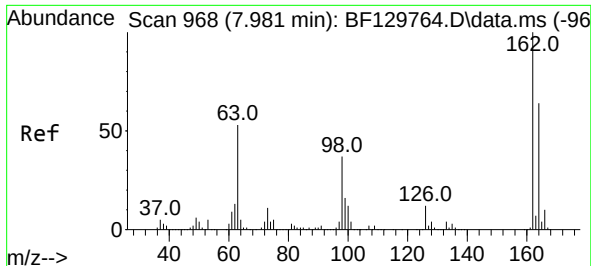
Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Tgt Ion: 93 Resp: 466605

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.6	38.4
123	11.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 40.478 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

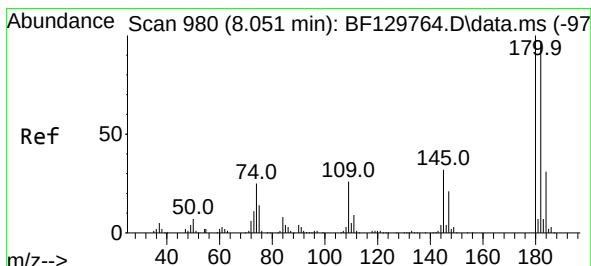
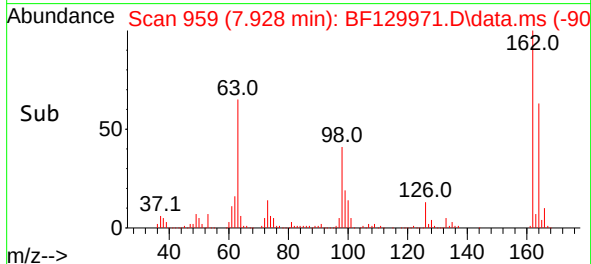
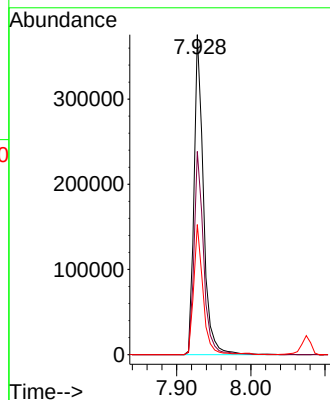
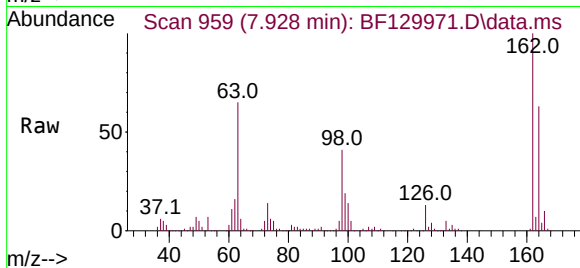
PB147081BS

Tgt Ion:162 Resp: 330672
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.7 83.7
 98 40.7 16.5 56.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022
 Supervised By :Jagrut Upadhyay 08/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.314 ng

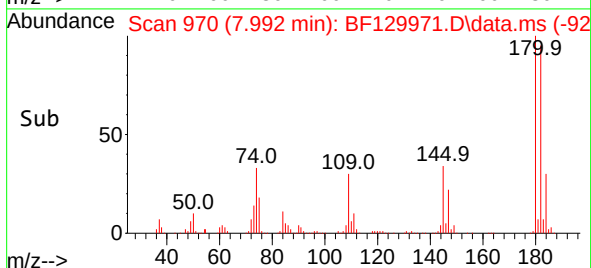
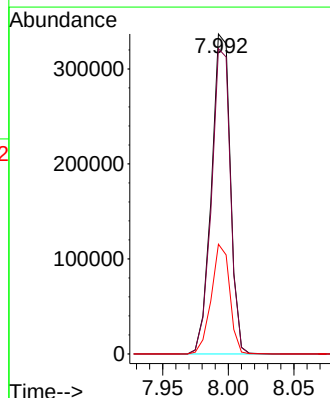
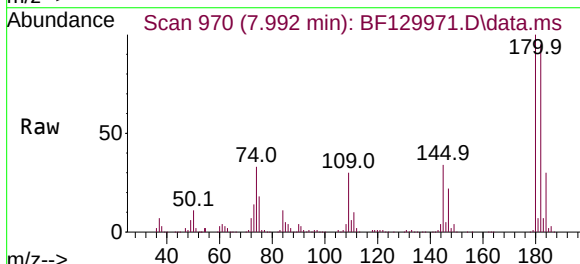
RT: 7.992 min Scan# 970

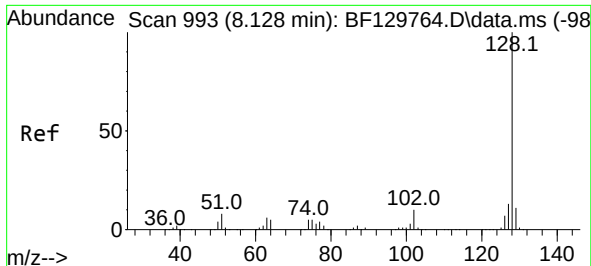
Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

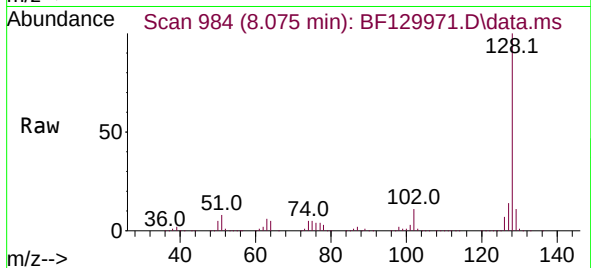
Tgt Ion:180 Resp: 338809
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.6 116.4
 145 34.3 25.6 38.4





#31
Naphthalene
Concen: 39.069 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

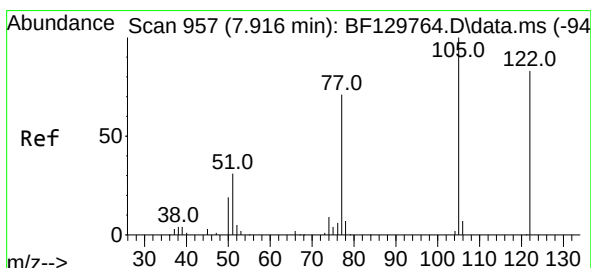
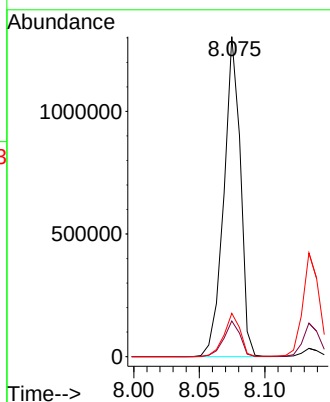
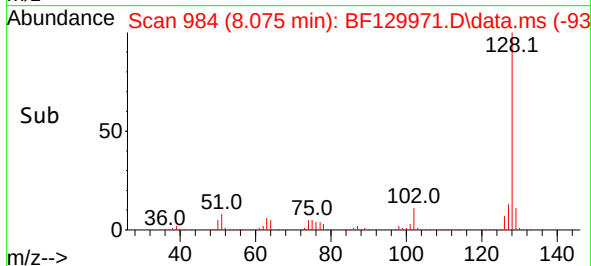
Instrument :
BNA_F
ClientSampleId :
PB147081BS



Tgt Ion:128 Resp: 1148526
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

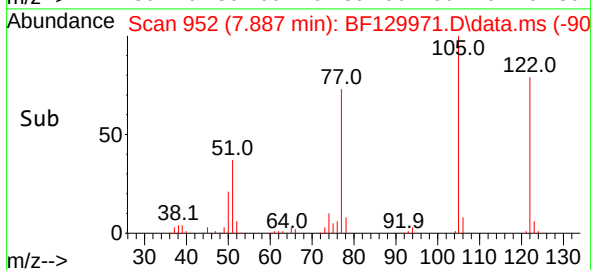
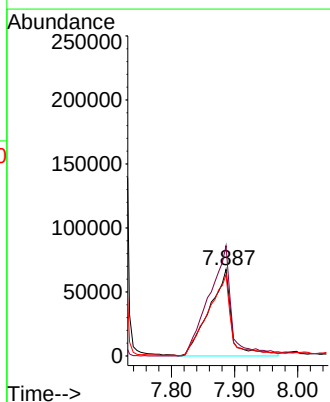
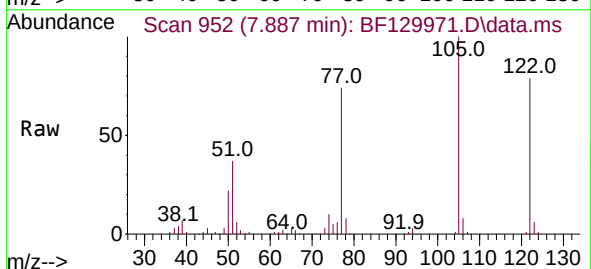
Manual Integrations
APPROVED

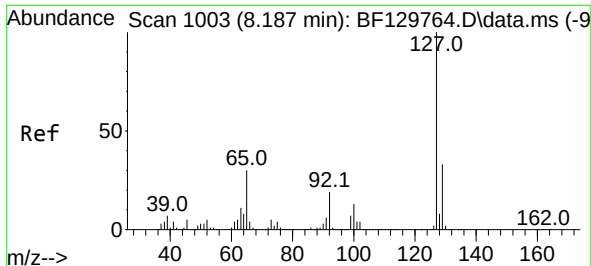
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#32
Benzoic acid
Concen: 49.604 ng
RT: 7.887 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

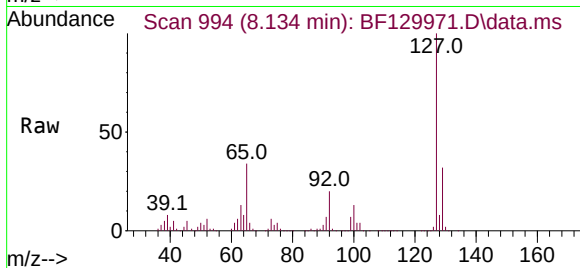
Tgt Ion:122 Resp: 168324
Ion Ratio Lower Upper
122 100
105 127.4 99.9 139.9
77 93.9 65.9 105.9





#33
4-Chloroaniline
Concen: 36.174 ng
RT: 8.134 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

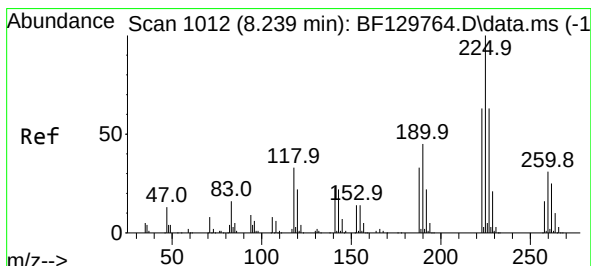
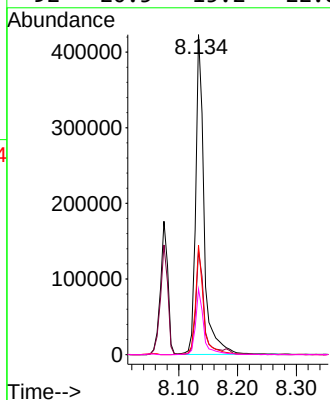
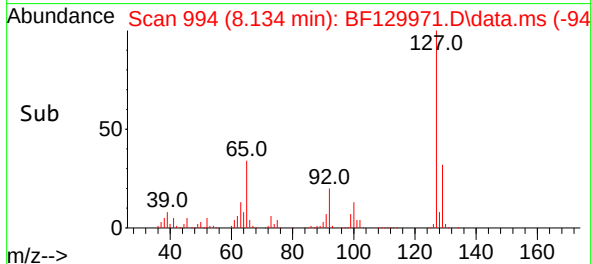
Instrument :
BNA_F
ClientSampleId :
PB147081BS



Tgt Ion:127 Resp: 418190
Ion Ratio Lower Upper
127 100
129 32.3 26.7 40.1
65 34.2 24.2 36.2
92 20.5 15.2 22.8

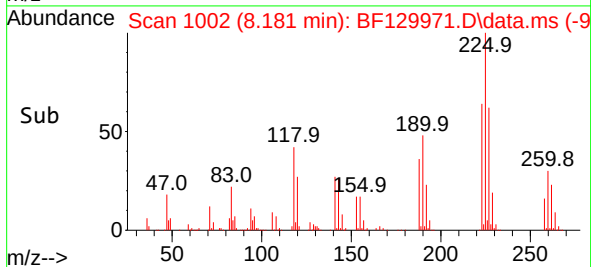
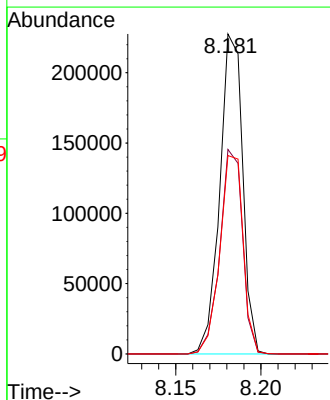
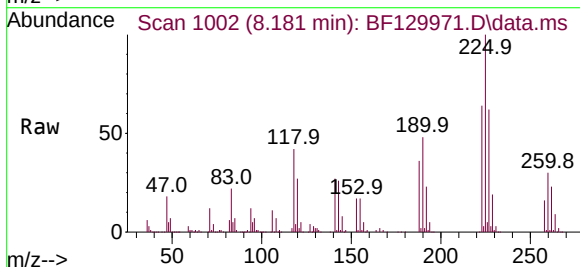
Manual Integrations
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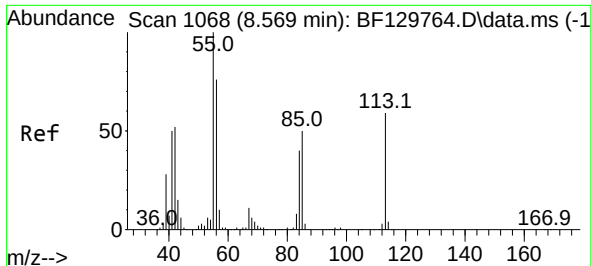
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#34
Hexachlorobutadiene
Concen: 40.479 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

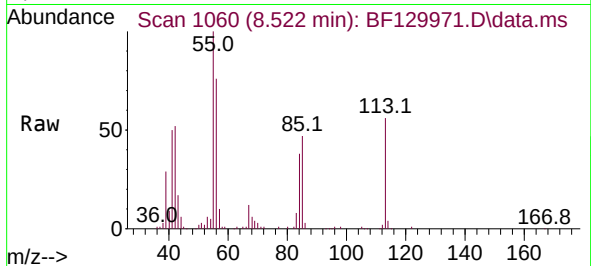
Tgt Ion:225 Resp: 212420
Ion Ratio Lower Upper
225 100
223 63.9 50.2 75.2
227 62.0 50.6 75.8





#35
Caprolactam
Concen: 41.539 ng m
RT: 8.522 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

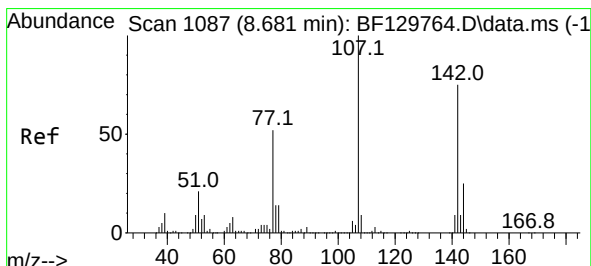
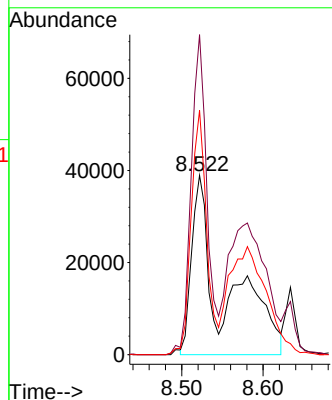
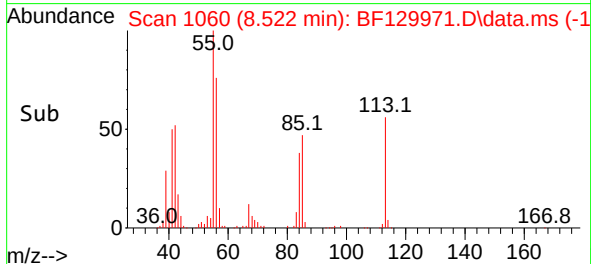
Instrument :
BNA_F
ClientSampleId :
PB147081BS



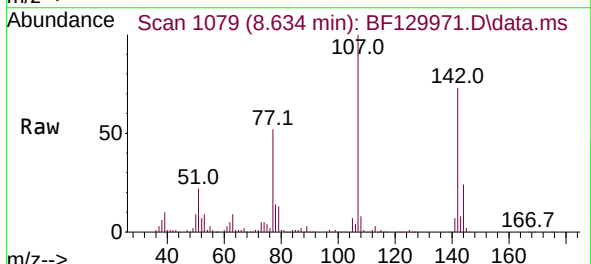
Tgt Ion:113 Resp: 105525
Ion Ratio Lower Upper
113 100
55 178.5 148.8 188.8
56 136.3 109.1 149.1

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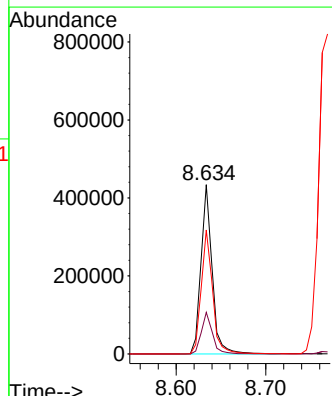
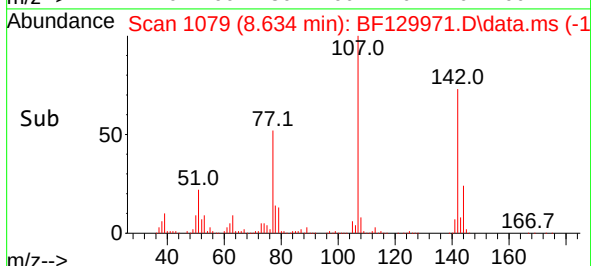
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

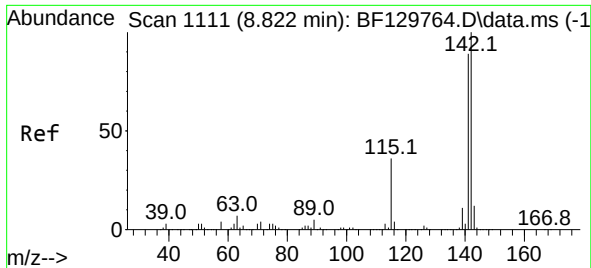


#36
4-Chloro-3-methylphenol
Concen: 42.612 ng
RT: 8.634 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:107 Resp: 375545
Ion Ratio Lower Upper
107 100
144 24.5 19.9 29.9
142 73.3 60.2 90.4





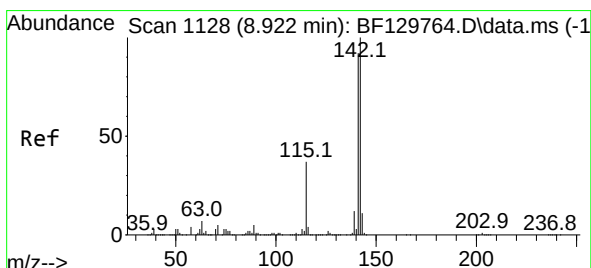
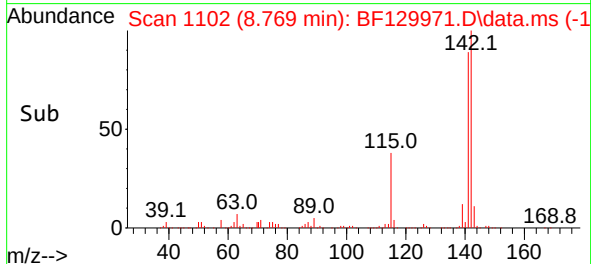
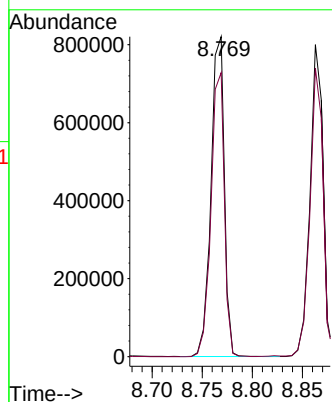
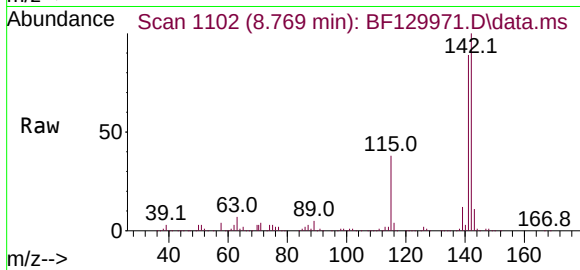
#37
2-Methylnaphthalene
Concen: 39.276 ng
RT: 8.769 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion:142 Resp: 757820
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3

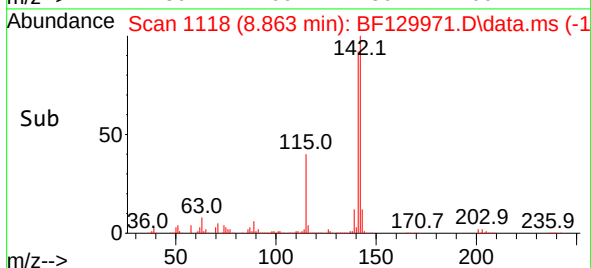
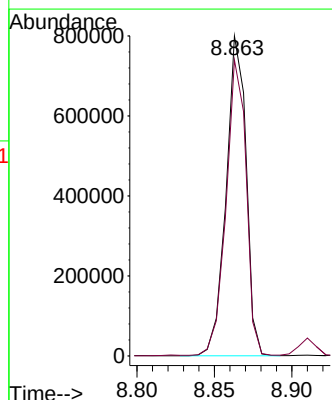
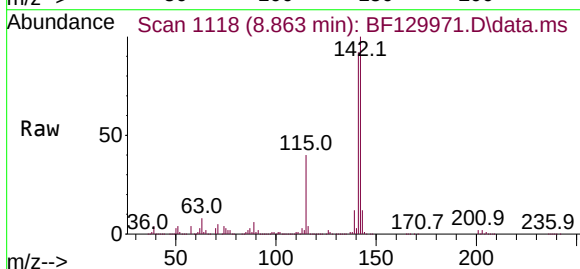
Manual Integrations
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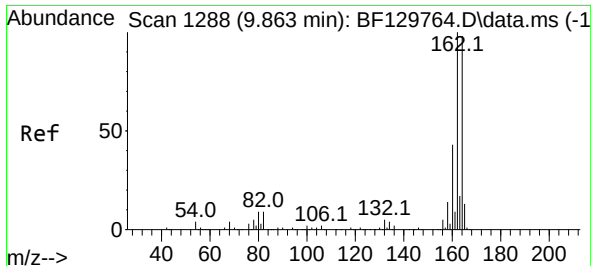
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#38
1-Methylnaphthalene
Concen: 38.384 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

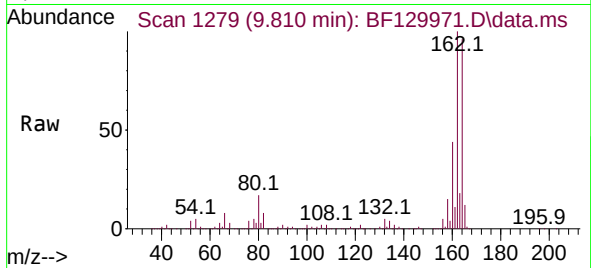
Tgt Ion:142 Resp: 719762
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

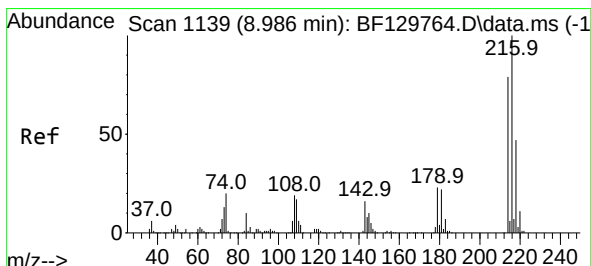
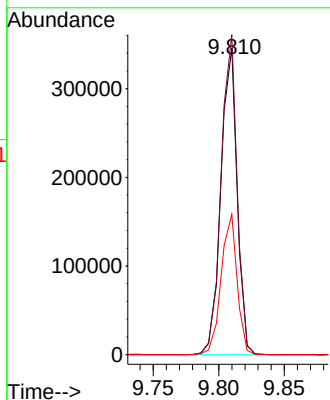
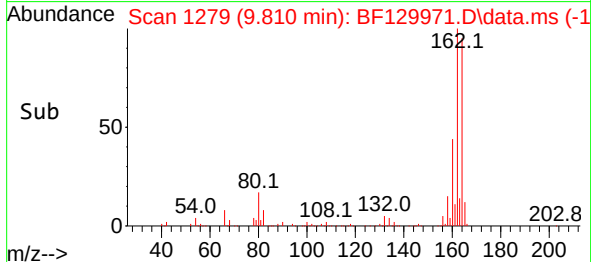
Instrument :
BNA_F
ClientSampleId :
PB147081BS



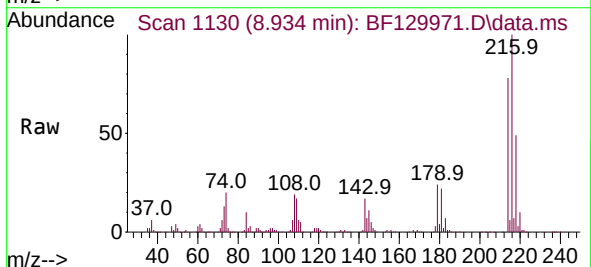
Tgt Ion:164 Resp: 296949
Ion Ratio Lower Upper
164 100
162 104.3 82.0 123.0
160 45.7 35.4 53.0

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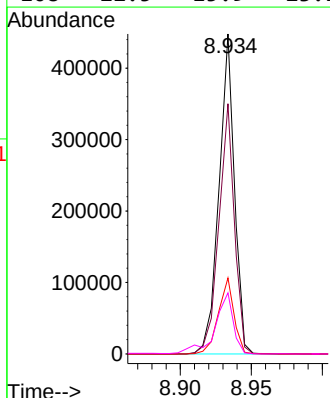
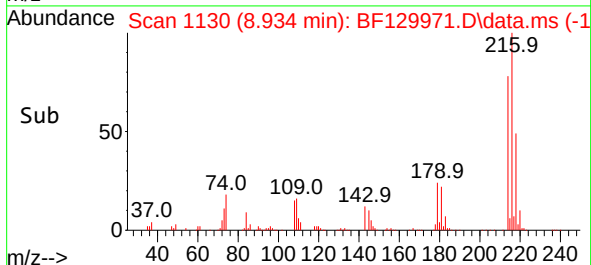
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

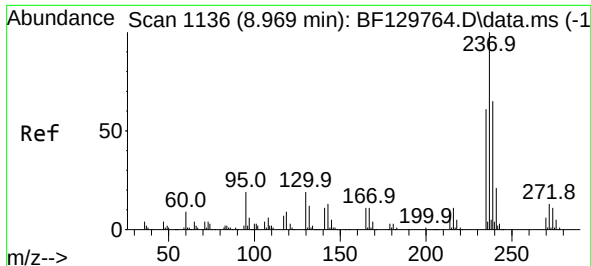


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.162 ng
RT: 8.934 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



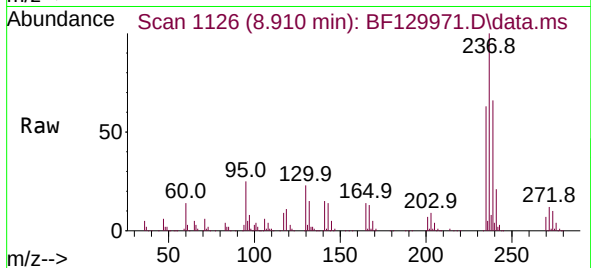
Tgt Ion:216 Resp: 339960
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 24.0 18.1 27.1
108 22.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 85.634 ng
RT: 8.910 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

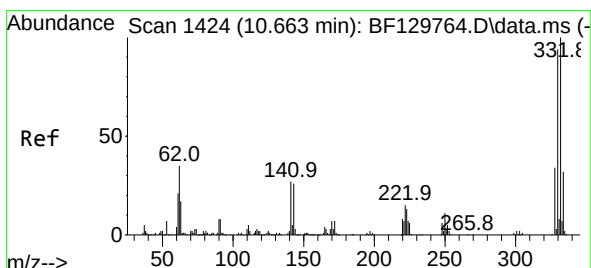
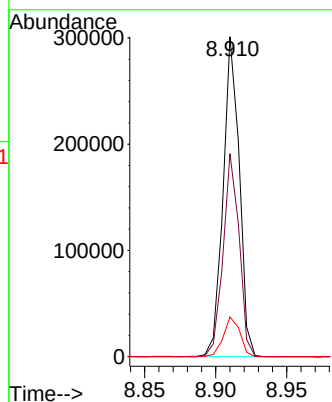
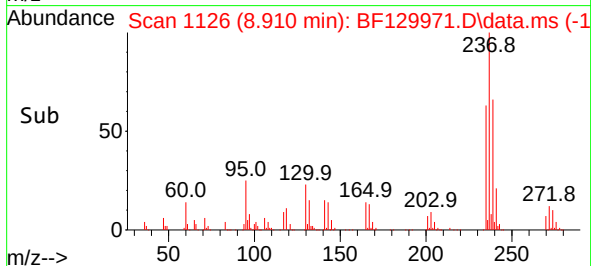
Instrument :
BNA_F
ClientSampleId :
PB147081BS



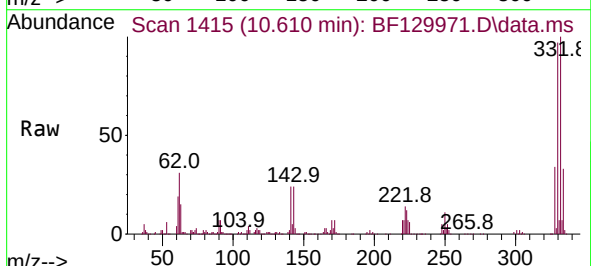
Tgt Ion:237 Resp: 239049
Ion Ratio Lower Upper
237 100
235 63.4 41.5 81.5
272 12.4 0.0 33.3

Manual Integrations
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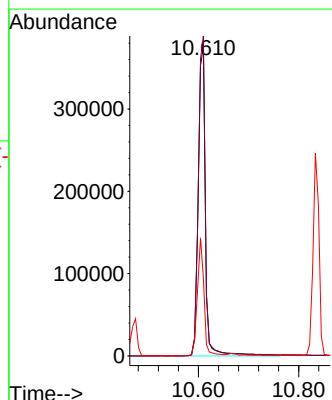
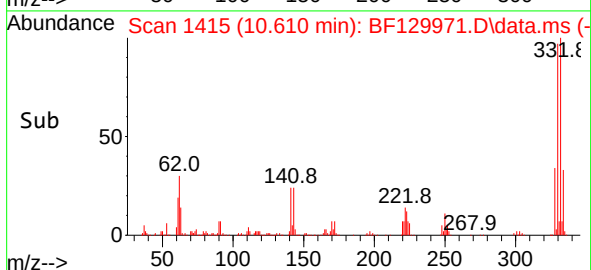
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

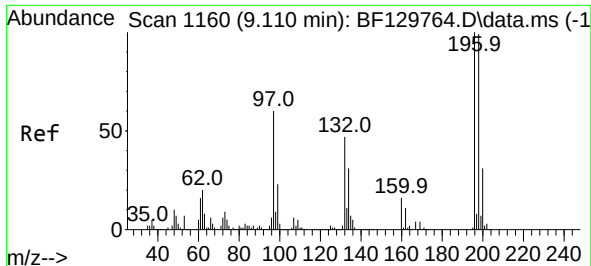


#42
2,4,6-Tribromophenol
Concen: 125.067 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



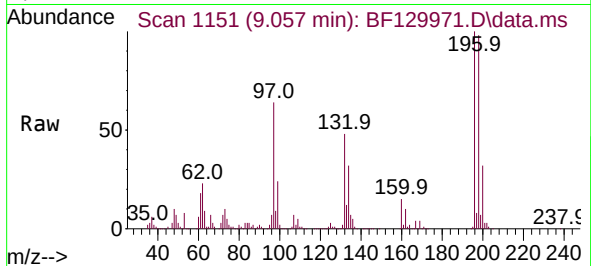
Tgt Ion:330 Resp: 372740
Ion Ratio Lower Upper
330 100
332 101.0 82.6 124.0
141 34.7 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 38.792 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

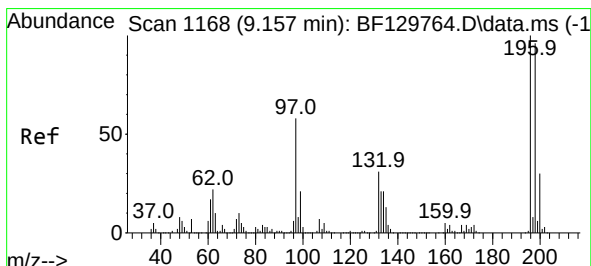
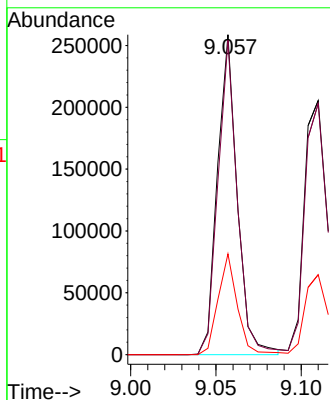
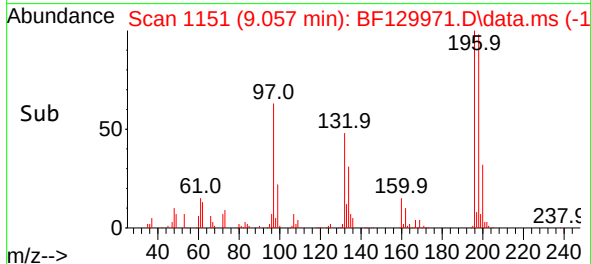
Instrument :
BNA_F
ClientSampleId :
PB147081BS



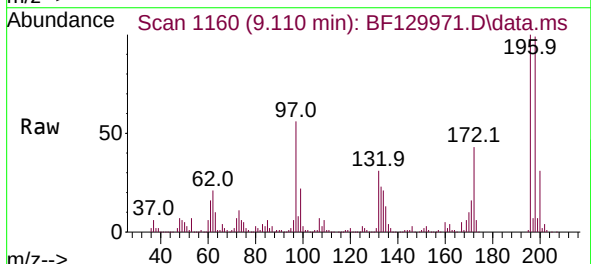
Tgt Ion:196 Resp: 208164
Ion Ratio Lower Upper
196 100
198 98.2 79.0 118.4
200 31.5 25.1 37.7

Manual Integrations
APPROVED

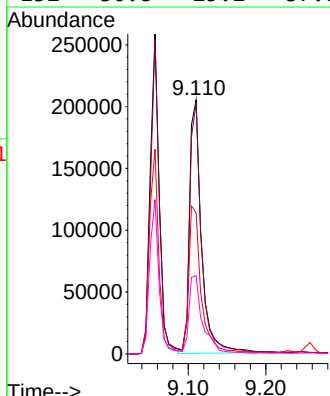
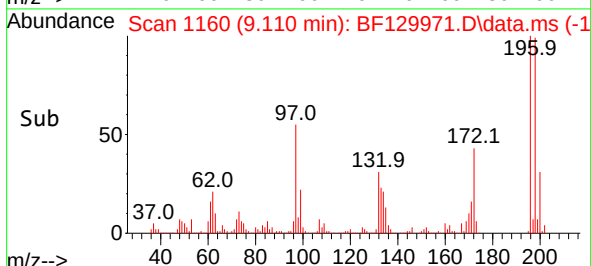
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

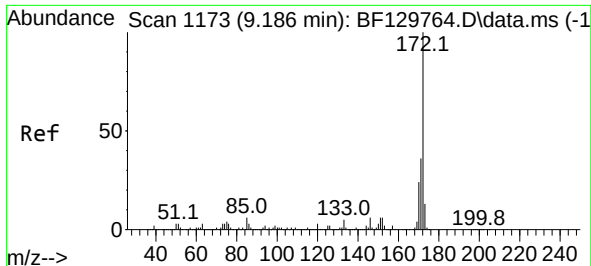


#44
2,4,5-Trichlorophenol
Concen: 38.174 ng
RT: 9.110 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:196 Resp: 220386
Ion Ratio Lower Upper
196 100
198 98.8 76.4 114.6
97 55.5 46.5 69.7
132 30.8 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 78.858 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

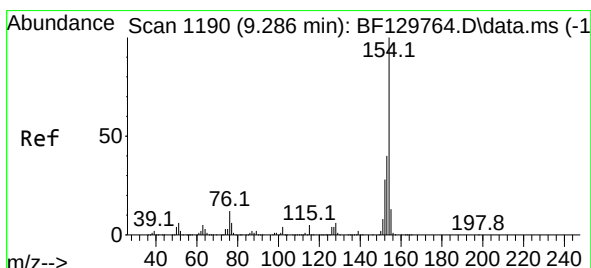
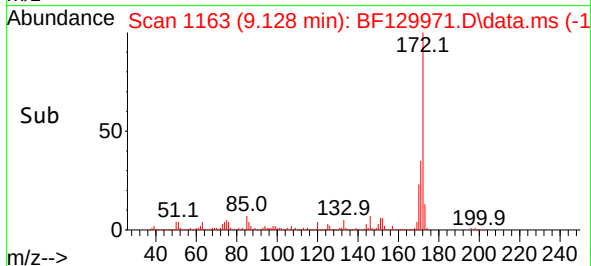
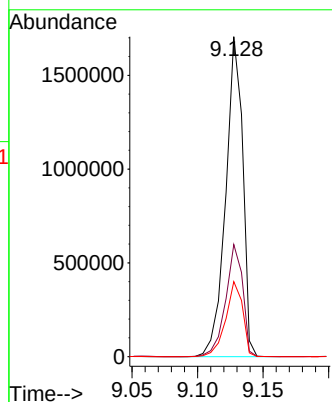
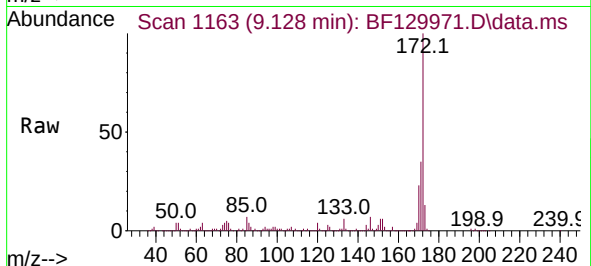
PB147081BS

Tgt Ion:172 Resp: 1541790
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.4 19.1 28.7

Manual Integrations

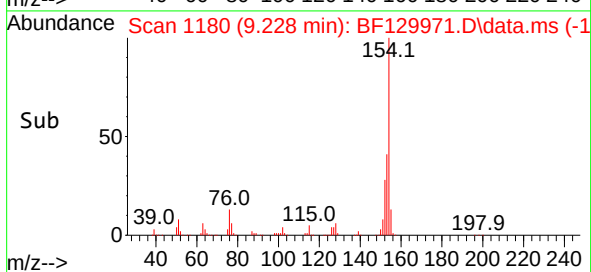
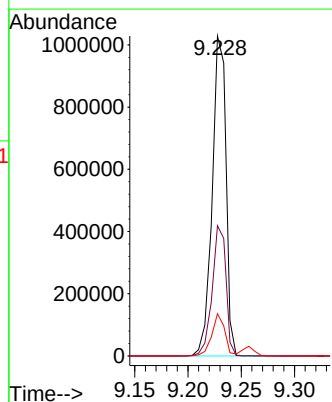
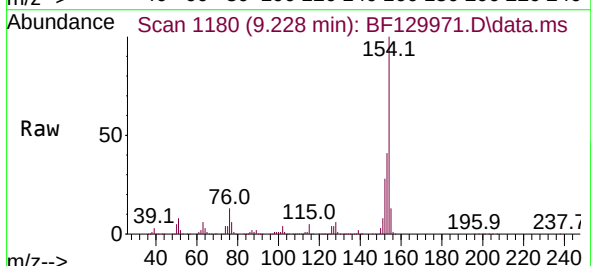
APPROVED

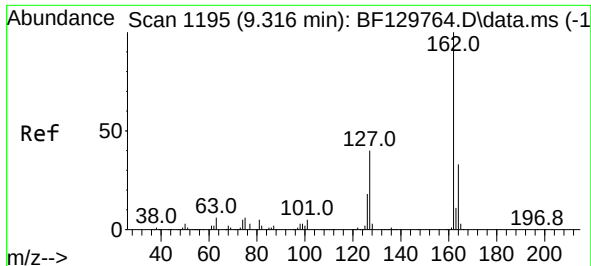
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#46
1,1'-Biphenyl
Concen: 41.130 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:154 Resp: 927858
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 13.2 0.0 32.1





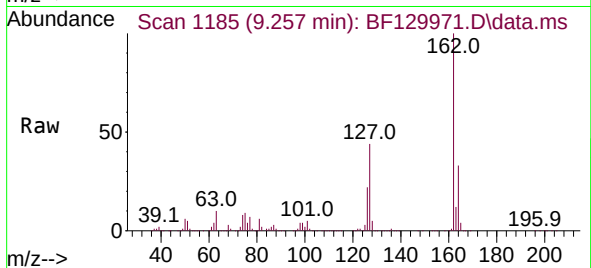
#47
2-Chloronaphthalene
Concen: 40.152 ng
RT: 9.257 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

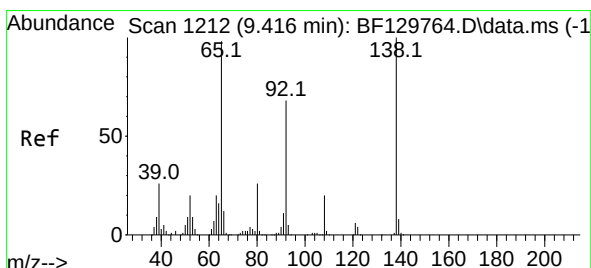
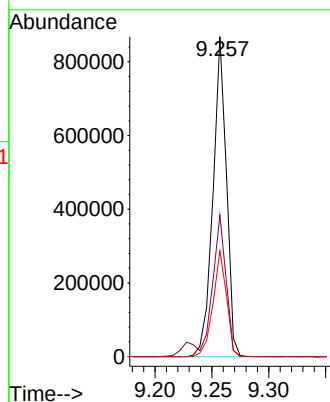
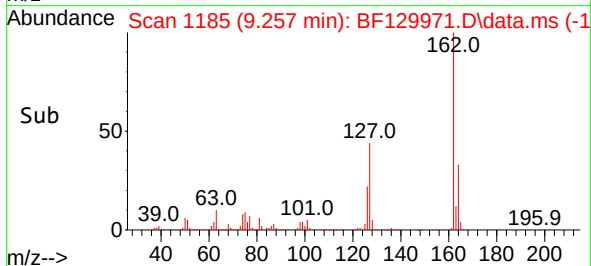


Tgt Ion:162 Resp: 716681
Ion Ratio Lower Upper
162 100
127 44.2 33.1 49.7
164 33.1 26.7 40.1

Manual Integrations

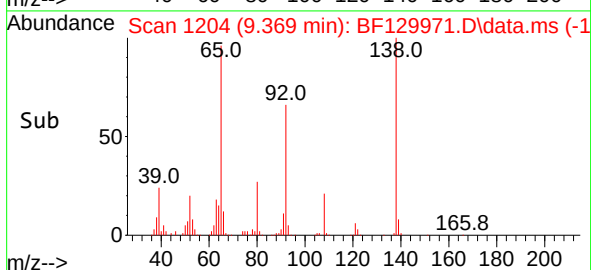
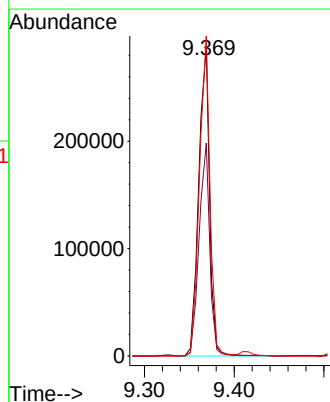
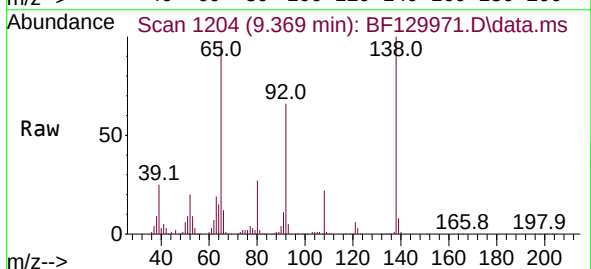
APPROVED

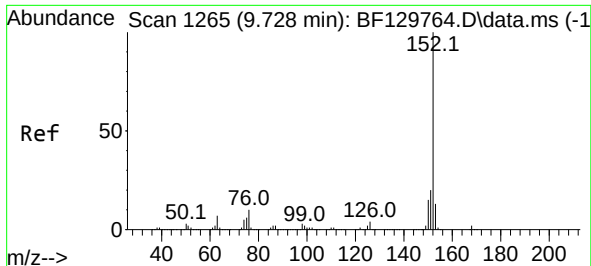
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#48
2-Nitroaniline
Concen: 42.860 ng
RT: 9.369 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

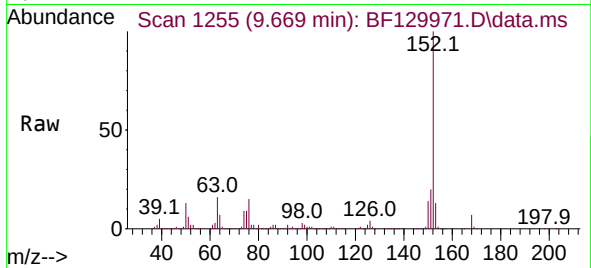
Tgt Ion: 65 Resp: 241761
Ion Ratio Lower Upper
65 100
92 68.8 55.0 82.4
138 103.4 81.3 121.9





#49
Acenaphthylene
Concen: 39.811 ng
RT: 9.669 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

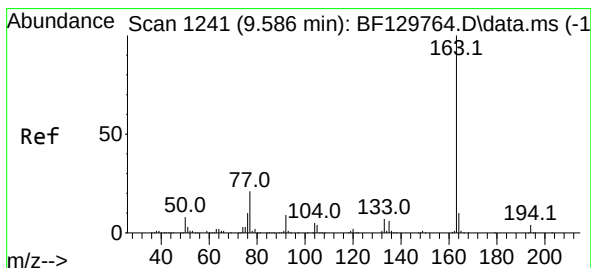
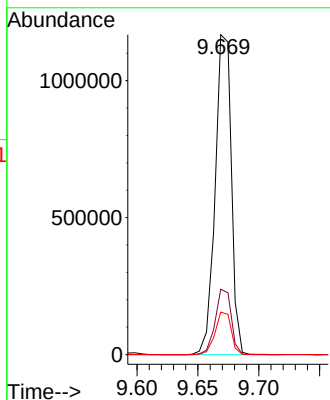
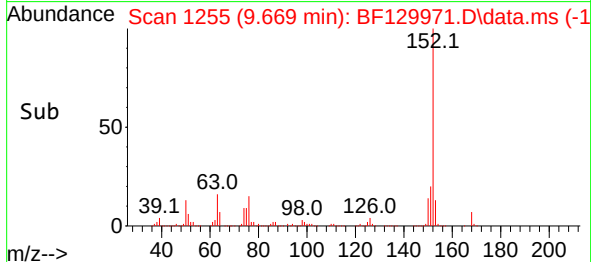
Instrument :
BNA_F
ClientSampleId :
PB147081BS



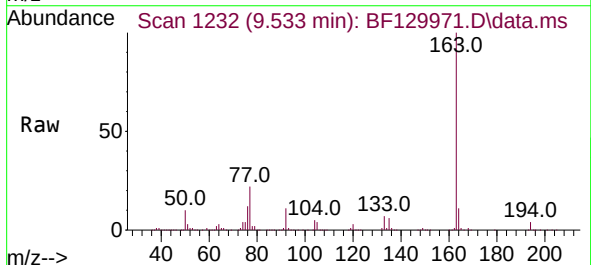
Tgt Ion:152 Resp: 1077569
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.3 10.6 16.0

Manual Integrations
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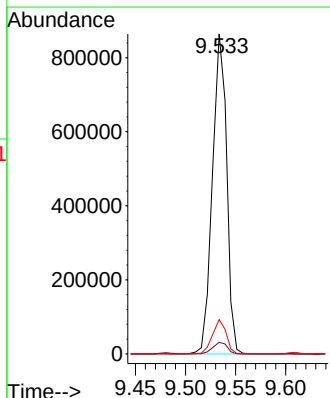
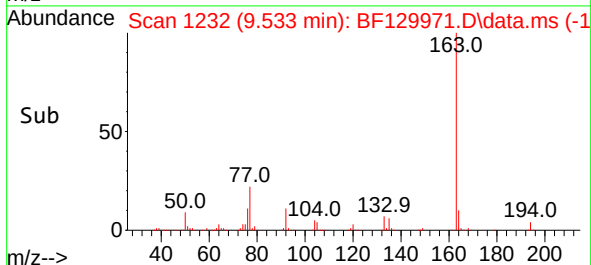
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

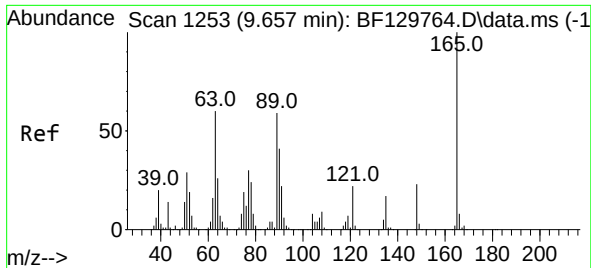


#50
Dimethylphthalate
Concen: 40.124 ng
RT: 9.533 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:163 Resp: 854130
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.7 8.2 12.2





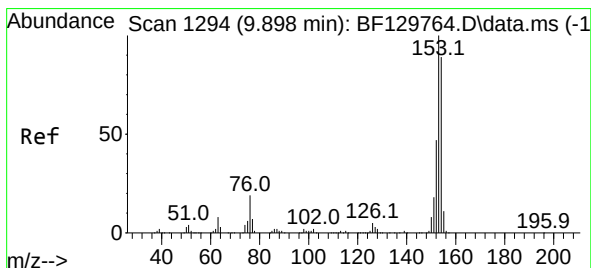
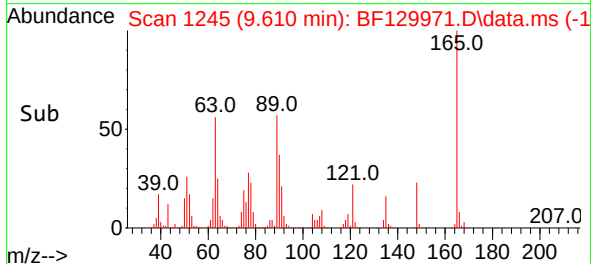
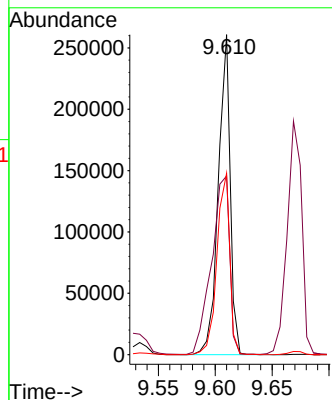
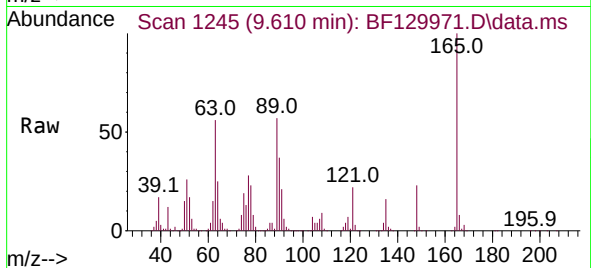
#51
2,6-Dinitrotoluene
Concen: 41.024 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion:165 Resp: 189436
Ion Ratio Lower Upper
165 100
63 55.8 47.8 71.8
89 56.7 47.2 70.8

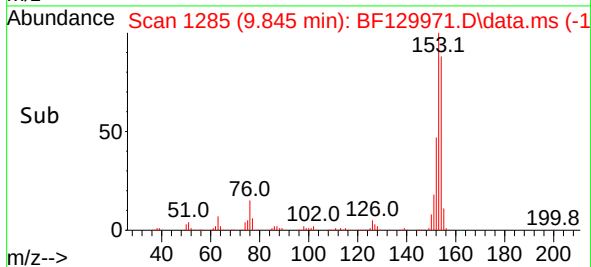
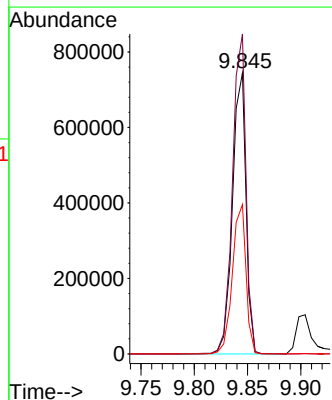
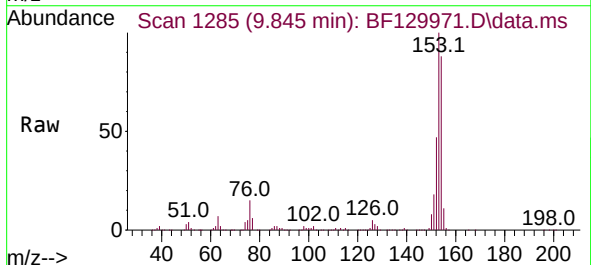
Manual Integrations
APPROVED

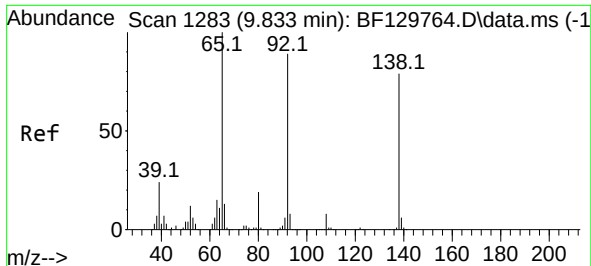
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#52
Acenaphthene
Concen: 39.902 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:154 Resp: 655258
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.6
152 53.2 42.1 63.1





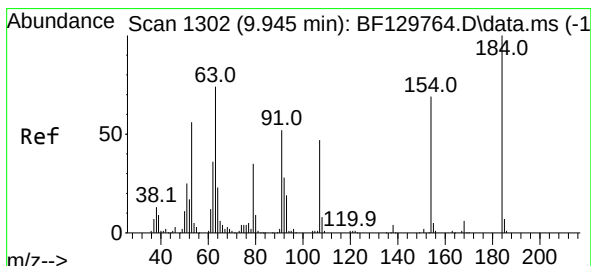
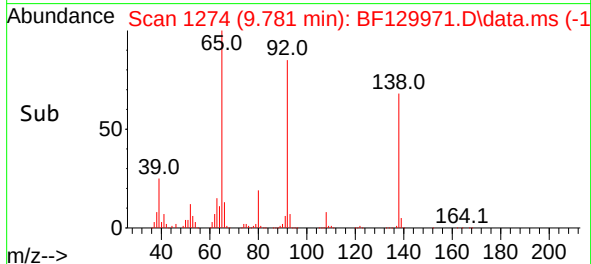
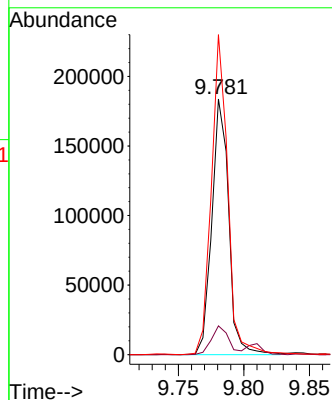
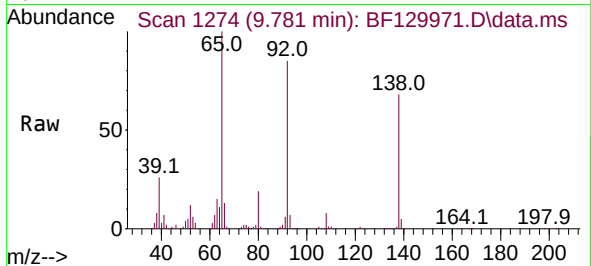
#53
3-Nitroaniline
Concen: 32.206 ng
RT: 9.781 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion:138 Resp: 164468
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 125.2 89.8 134.8

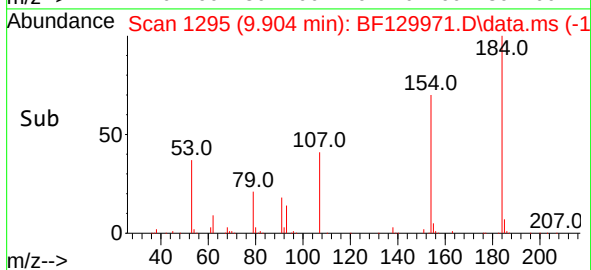
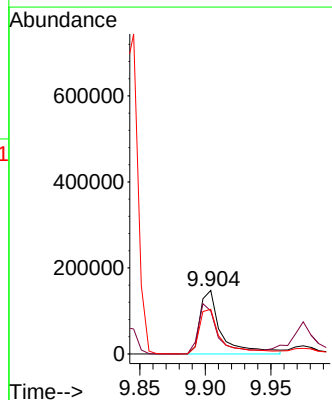
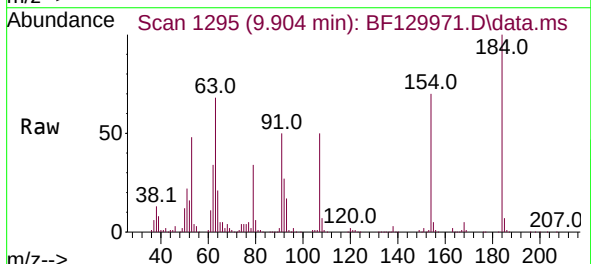
Manual Integrations
APPROVED

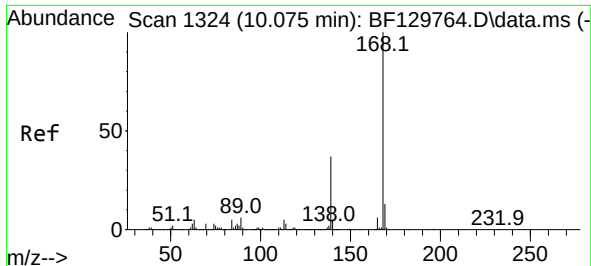
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#54
2,4-Dinitrophenol
Concen: 79.173 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:184 Resp: 165168
Ion Ratio Lower Upper
184 100
63 67.6 59.6 89.4
154 70.2 55.3 82.9





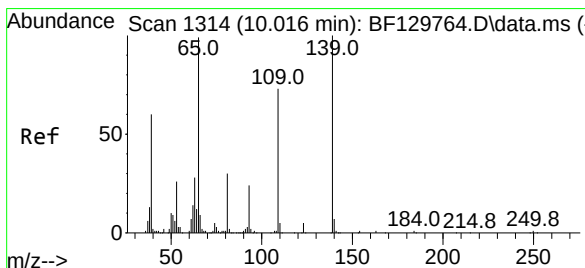
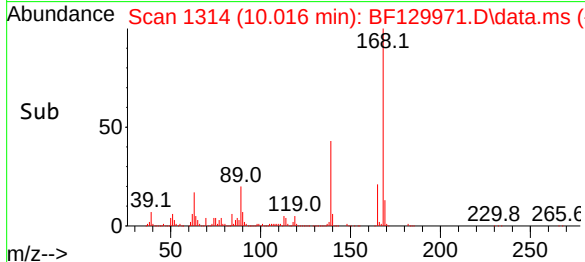
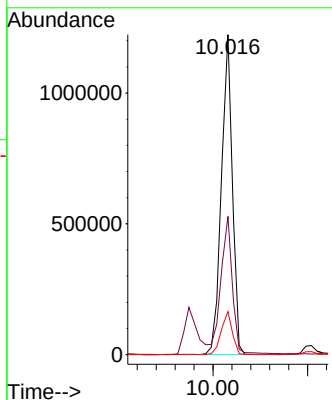
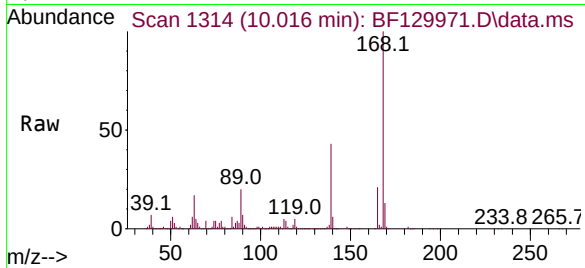
#55
Dibenzenofuran
Concen: 39.687 ng
RT: 10.016 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion:168 Resp: 979126
Ion Ratio Lower Upper
168 100
139 43.2 31.3 46.9
169 13.4 10.7 16.1

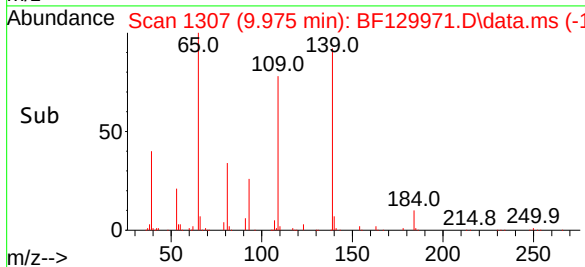
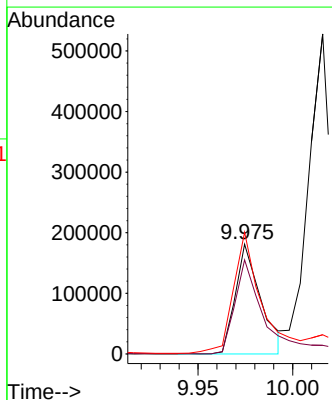
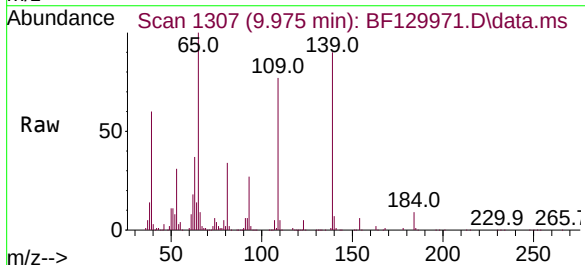
Manual Integrations
APPROVED

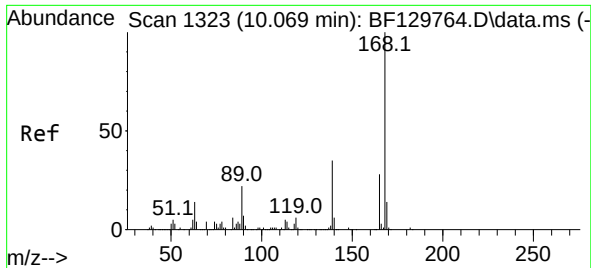
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#56
4-Nitrophenol
Concen: 74.401 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

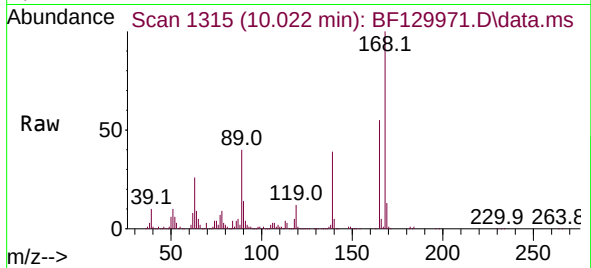
Tgt Ion:139 Resp: 169028
Ion Ratio Lower Upper
139 100
109 85.6 52.9 92.9
65 110.9 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 41.536 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

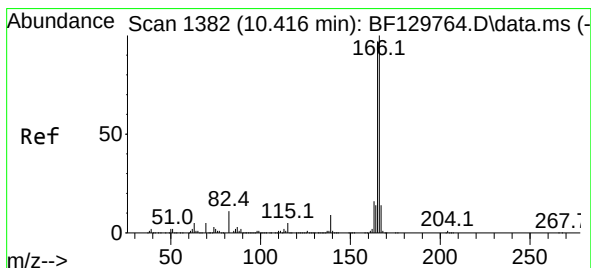
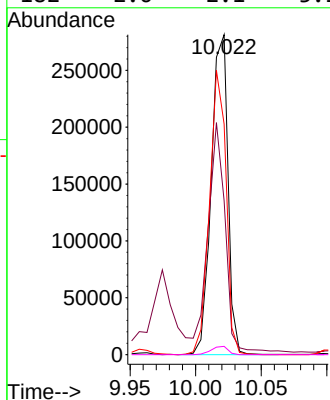
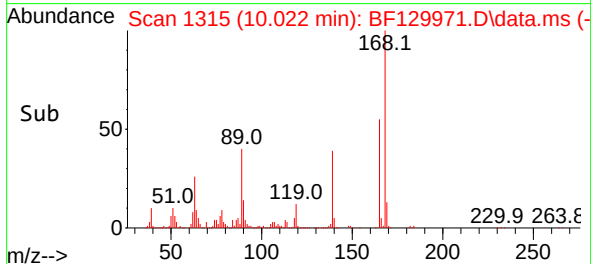
Instrument :
BNA_F
ClientSampleId :
PB147081BS



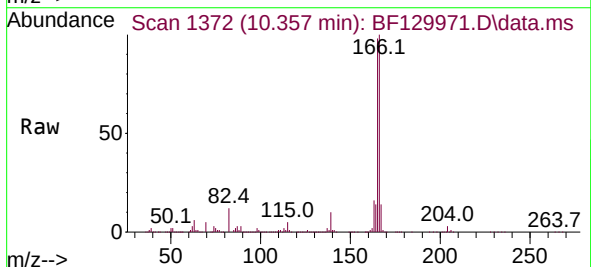
Tgt Ion:165 Resp: 248981
Ion Ratio Lower Upper
165 100
63 48.1 48.4 72.6
89 72.0 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

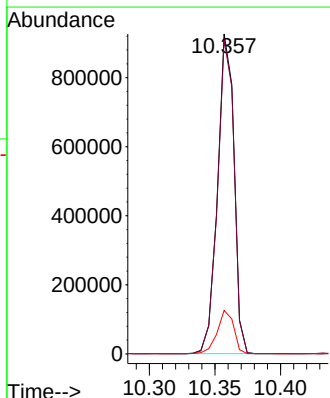
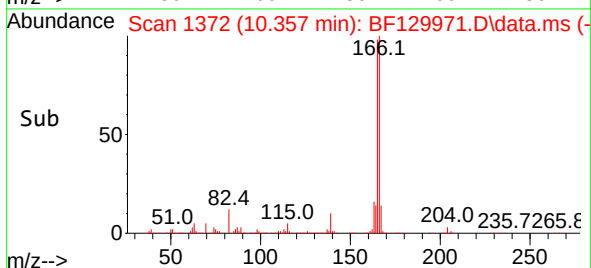
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

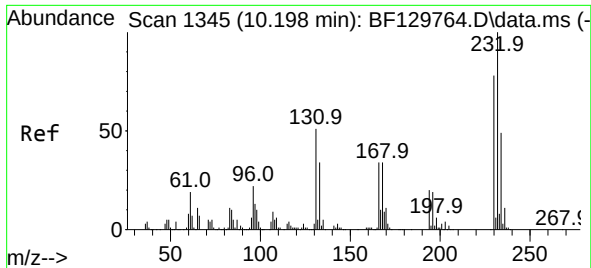


#58
Fluorene
Concen: 39.443 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



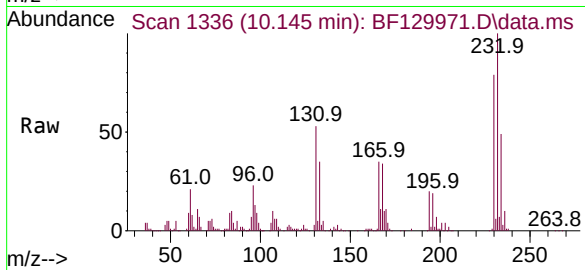
Tgt Ion:166 Resp: 812516
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.339 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

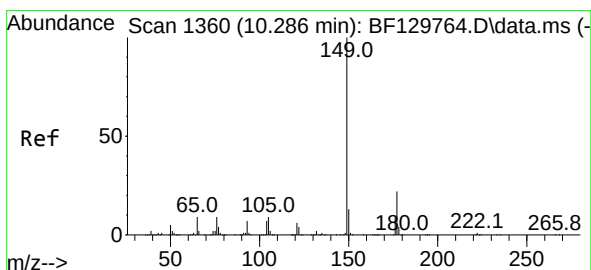
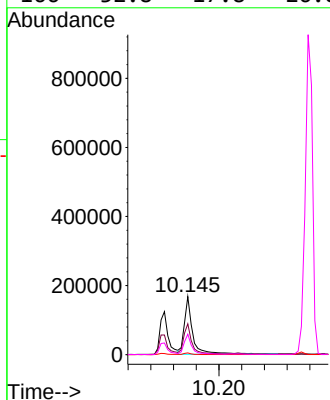
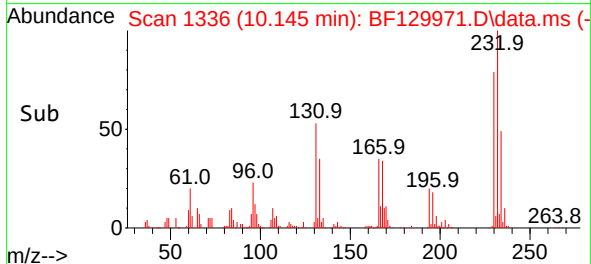
Instrument :
BNA_F
ClientSampleId :
PB147081BS



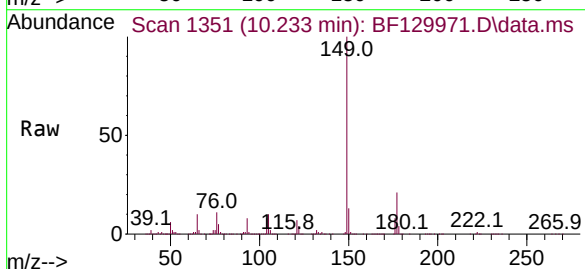
Tgt Ion:232 Resp: 170908
Ion Ratio Lower Upper
232 100
131 51.7 29.9 44.9
130 2.5 1.5 2.3
166 32.8 17.8 26.8

Manual Integrations
APPROVED

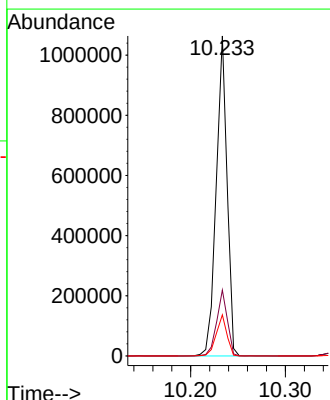
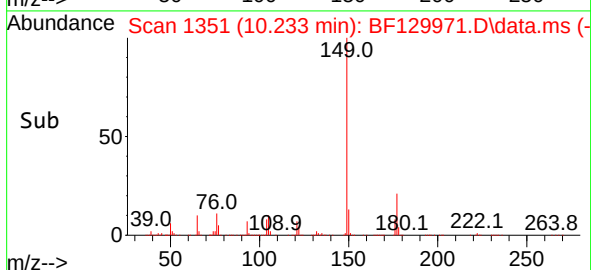
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

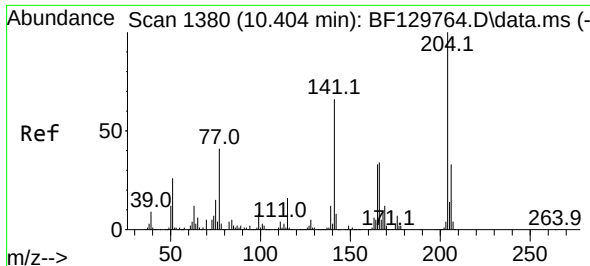


#60
Diethylphthalate
Concen: 39.744 ng
RT: 10.233 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



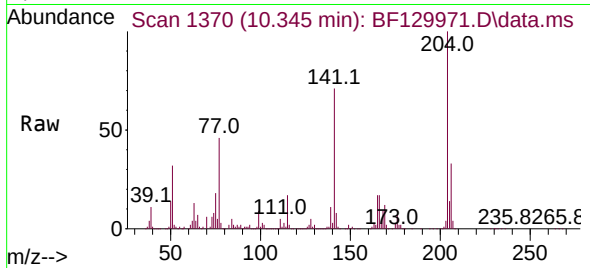
Tgt Ion:149 Resp: 843600
Ion Ratio Lower Upper
149 100
177 20.6 17.7 26.5
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.931 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

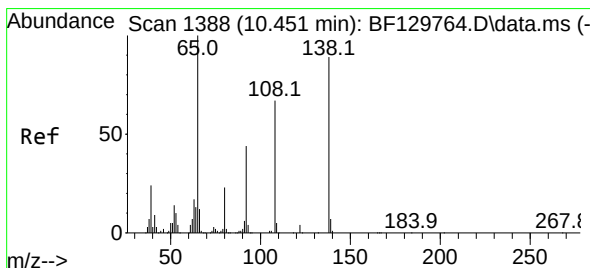
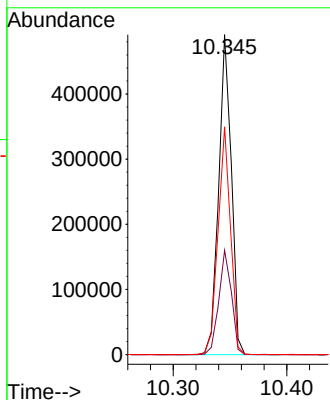
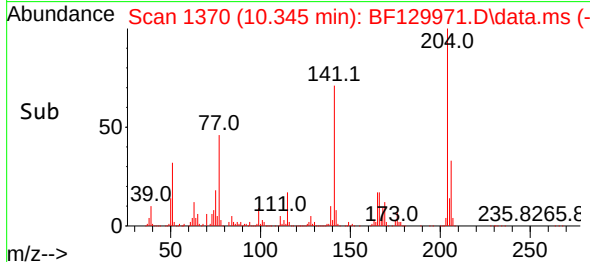
Instrument :
BNA_F
ClientSampleId :
PB147081BS



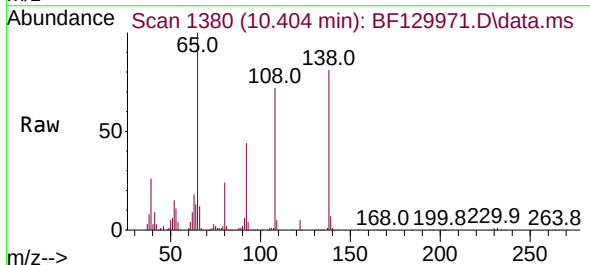
Tgt Ion:204 Resp: 378383
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 71.2 52.6 79.0

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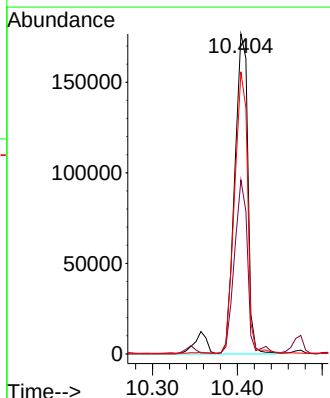
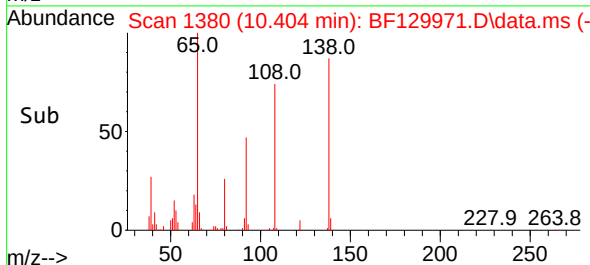
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

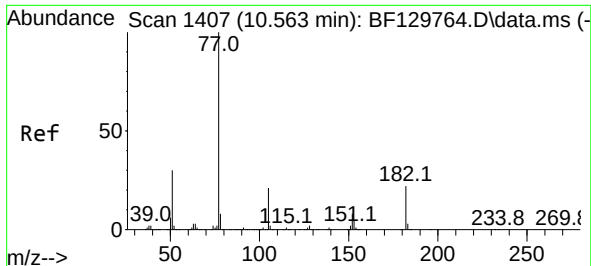


#62
4-Nitroaniline
Concen: 39.064 ng m
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



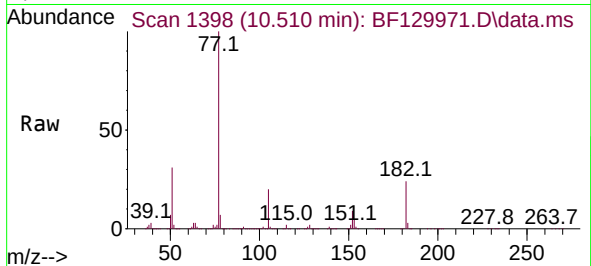
Tgt Ion:138 Resp: 201251
Ion Ratio Lower Upper
138 100
92 54.4 30.3 70.3
108 88.2 55.7 95.7





#63
Azobenzene
Concen: 41.092 ng
RT: 10.510 min Scan# 13
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

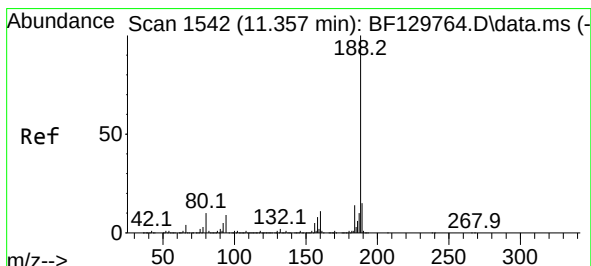
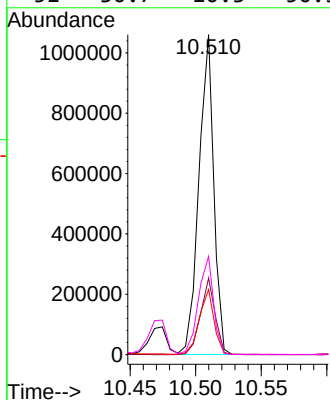
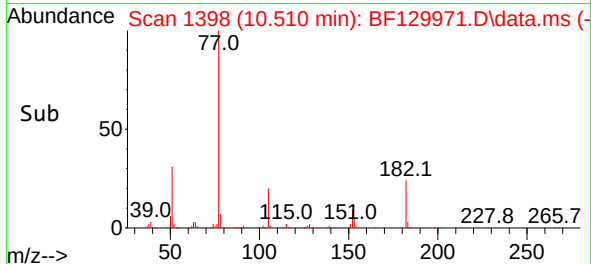
Instrument :
BNA_F
ClientSampleId :
PB147081BS



Tgt Ion: 77 Resp: 833691
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 20.3 0.8 40.8
51 30.7 10.3 50.3

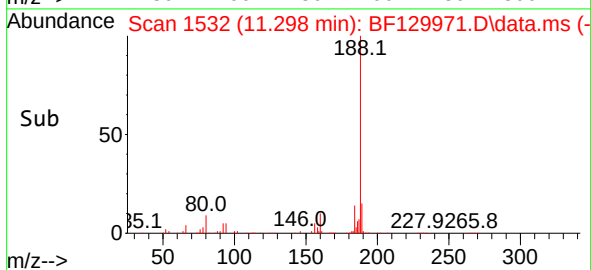
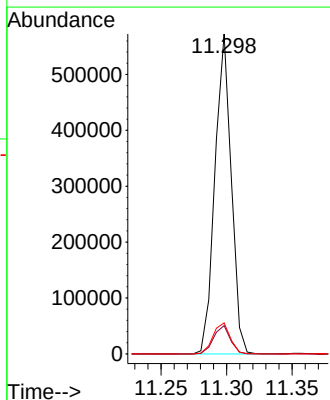
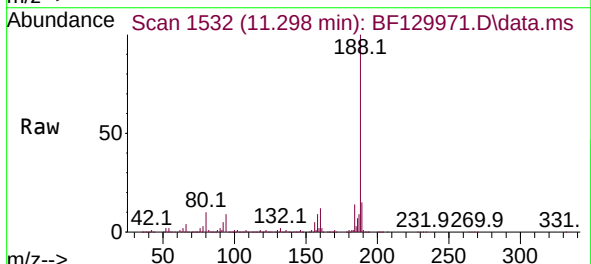
Manual Integrations
APPROVED

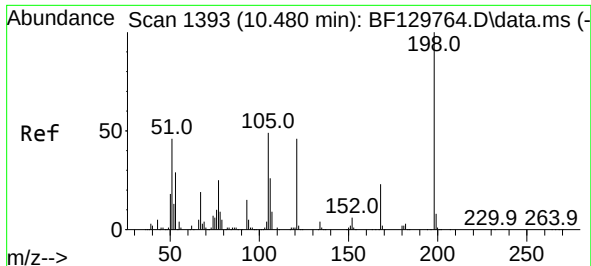
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

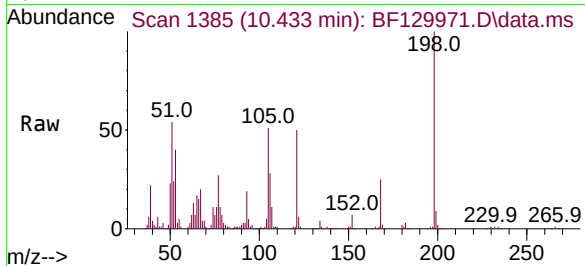
Tgt Ion:188 Resp: 498224
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.7 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.988 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

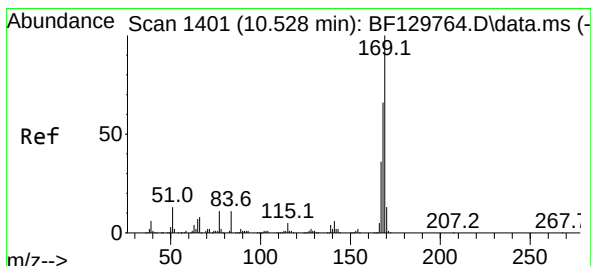
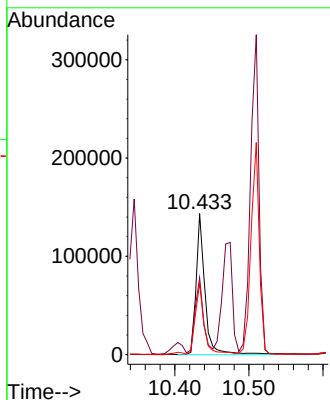
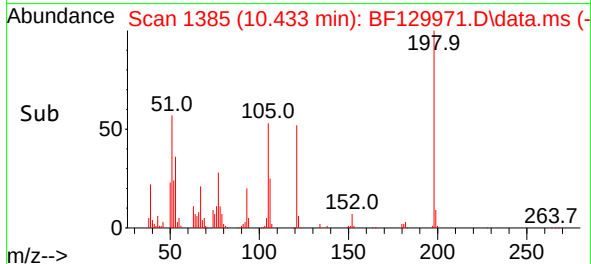
Instrument :
BNA_F
ClientSampleId :
PB147081BS



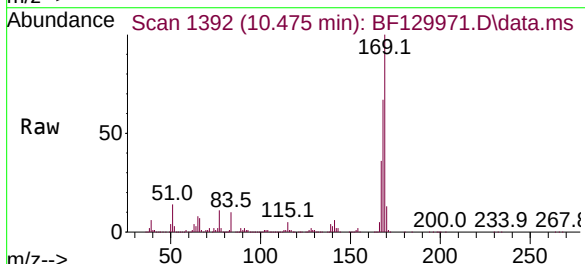
Tgt Ion:198 Resp: 119884
Ion Ratio Lower Upper
198 100
51 54.5 29.4 69.4
105 50.8 29.2 69.2

Manual Integrations
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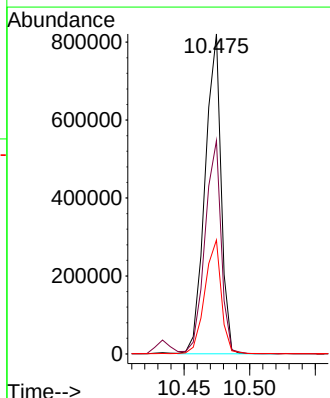
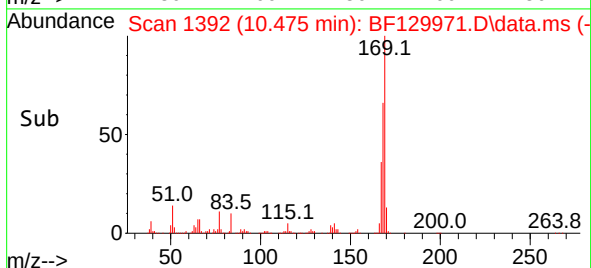
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

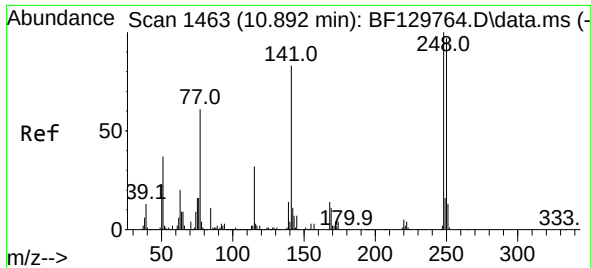


#66
n-Nitrosodiphenylamine
Concen: 41.317 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:169 Resp: 694794
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.6 29.1 43.7





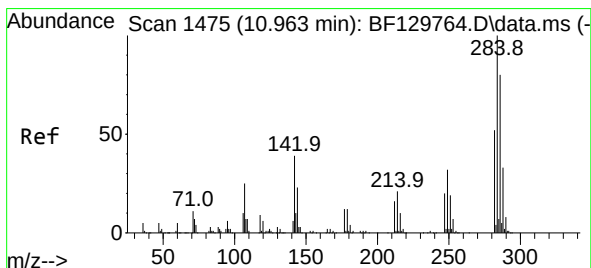
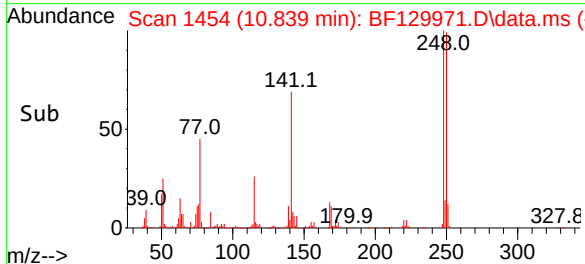
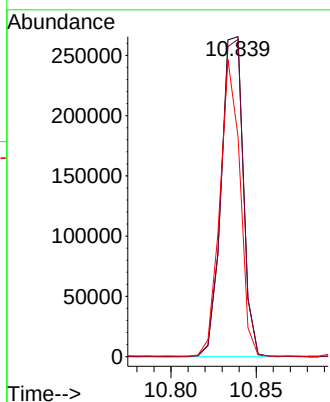
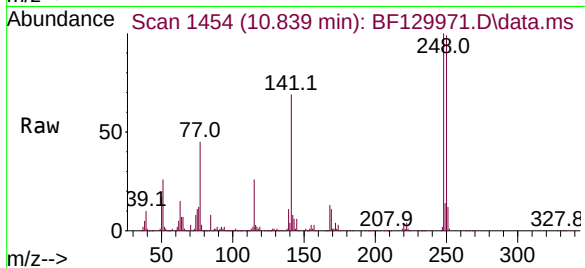
#67
4-Bromophenyl-phenylether
Concen: 40.785 ng
RT: 10.839 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :
BNA_F
ClientSampleId :
PB147081BS

Tgt Ion:248 Resp: 238003
Ion Ratio Lower Upper
248 100
250 99.2 77.8 116.6
141 68.7 66.2 99.2

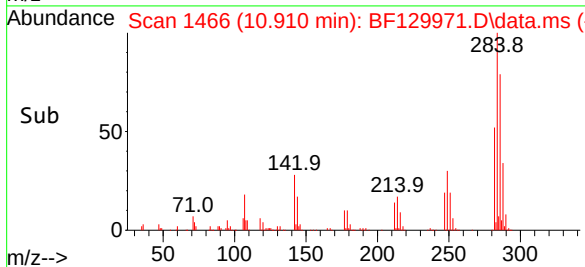
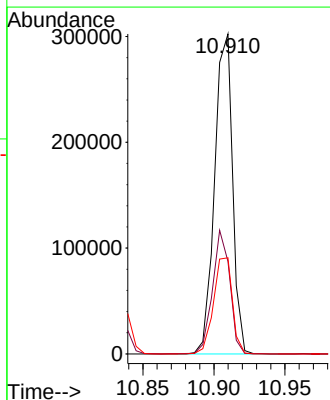
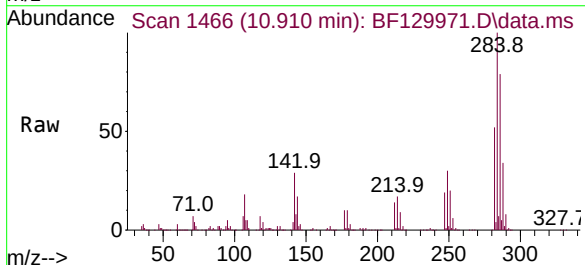
Manual Integrations
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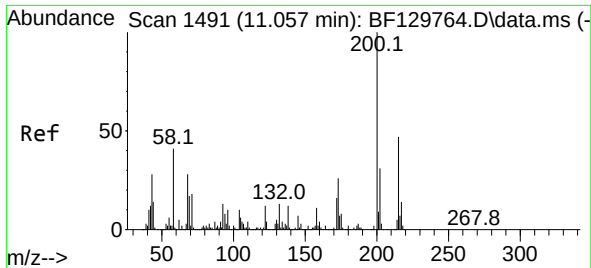
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#68
Hexachlorobenzene
Concen: 42.050 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

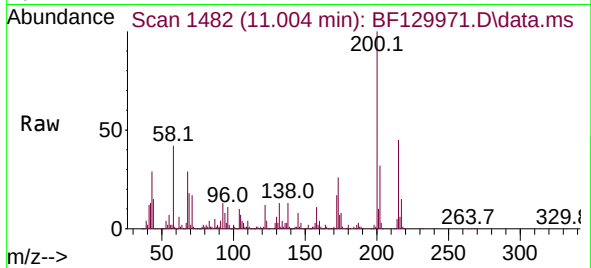
Tgt Ion:284 Resp: 265804
Ion Ratio Lower Upper
284 100
142 28.9 31.4 47.0#
249 30.0 25.7 38.5





#69
Atrazine
Concen: 45.072 ng
RT: 11.004 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

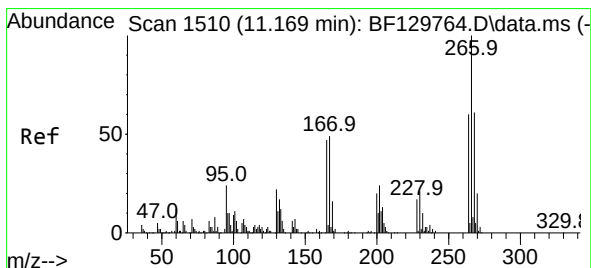
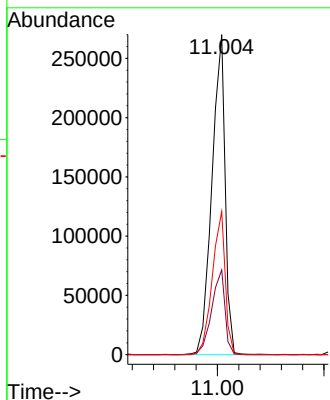
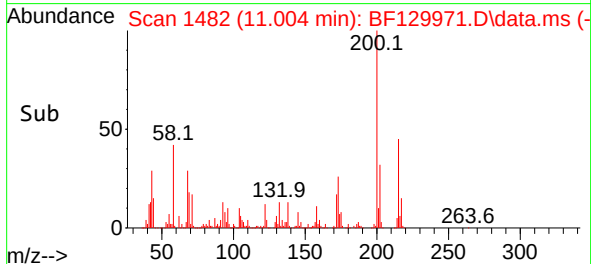
Instrument :
BNA_F
ClientSampleId :
PB147081BS



Tgt Ion:200 Resp: 232631
Ion Ratio Lower Upper
200 100
173 26.5 6.4 46.4
215 44.7 27.1 67.1

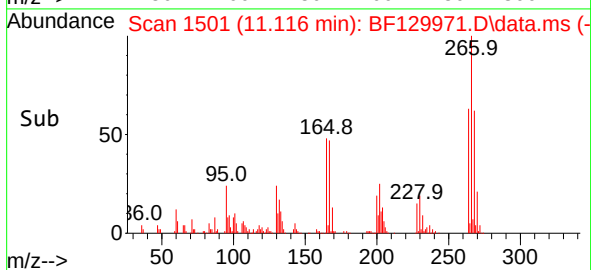
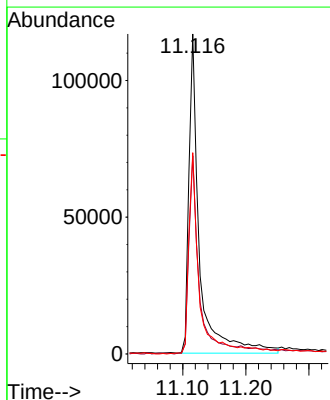
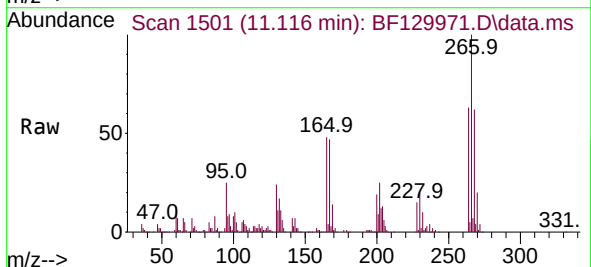
Manual Integrations
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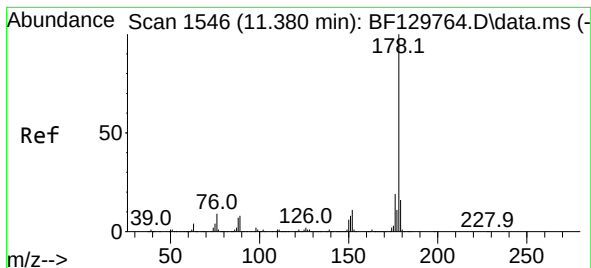
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#70
Pentachlorophenol
Concen: 72.324 ng
RT: 11.116 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:266 Resp: 136031
Ion Ratio Lower Upper
266 100
268 61.9 49.0 73.4
264 62.9 47.9 71.9





#71

Phenanthrene

Concen: 40.628 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

Tgt Ion:178 Resp: 1130515

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

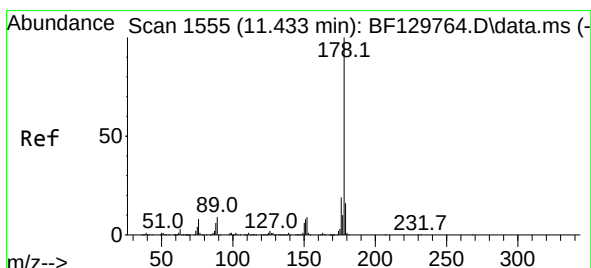
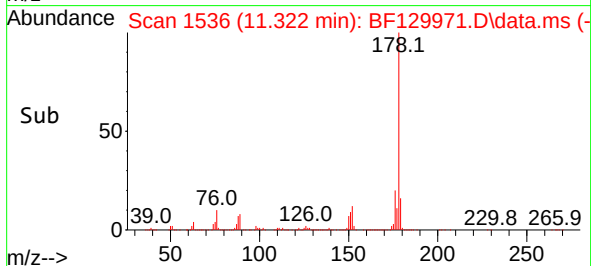
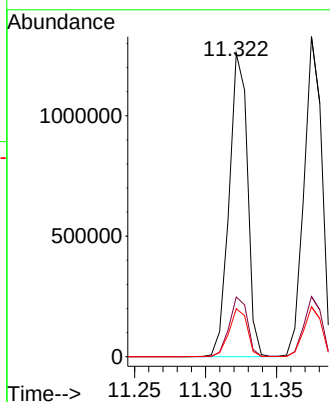
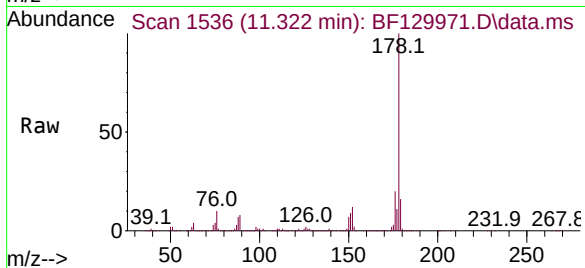
179 15.8 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#72

Anthracene

Concen: 42.022 ng

RT: 11.375 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

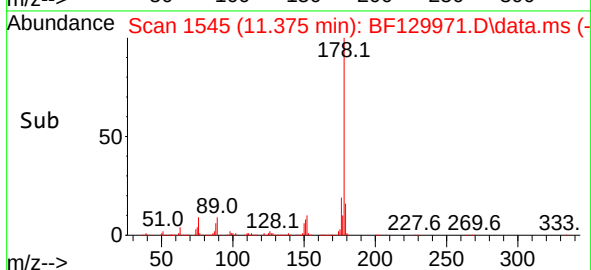
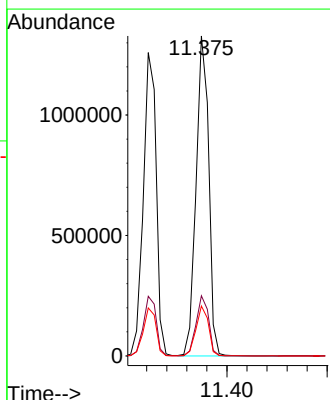
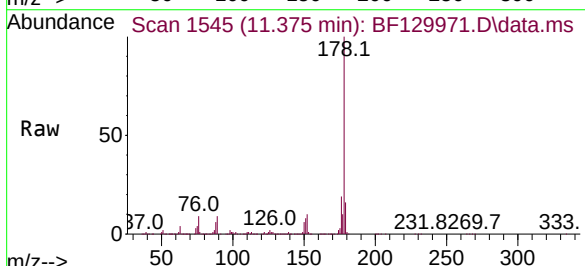
Tgt Ion:178 Resp: 1162815

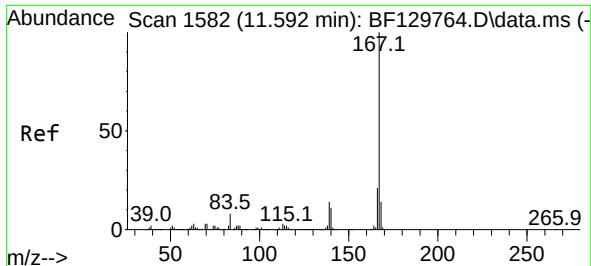
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

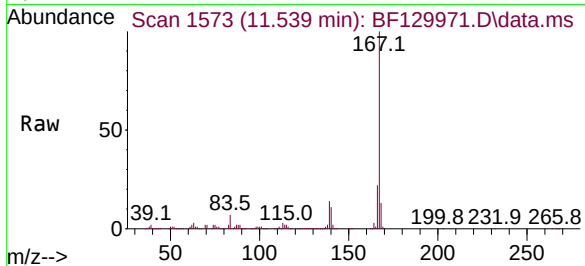
179 15.6 12.6 18.8





#73
Carbazole
Concen: 41.667 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

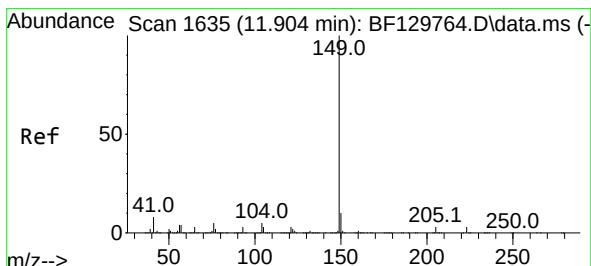
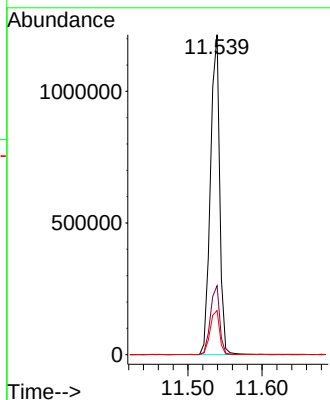
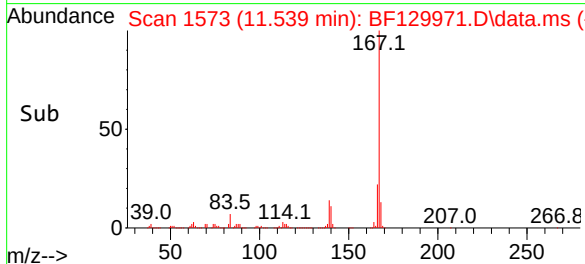
Instrument :
BNA_F
ClientSampleId :
PB147081BS



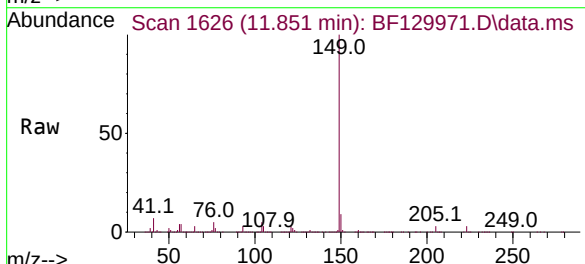
Tgt Ion:167 Resp: 1046627
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 13.8 11.0 16.6

Manual Integrations
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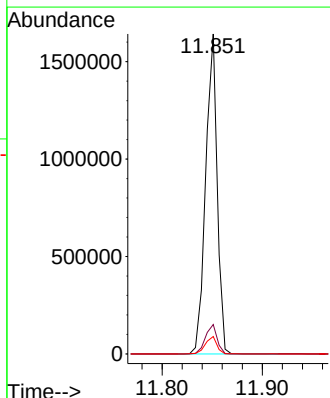
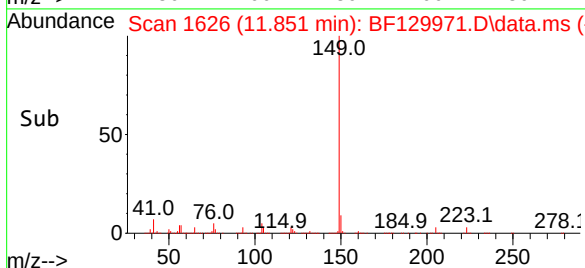
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

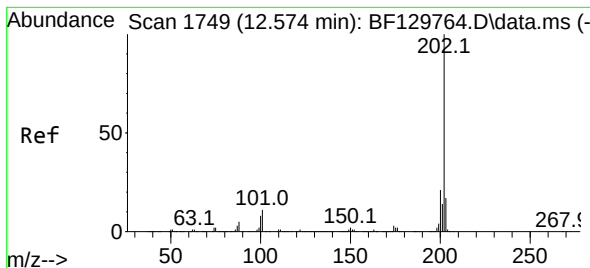


#74
Di-n-butylphthalate
Concen: 40.323 ng
RT: 11.851 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



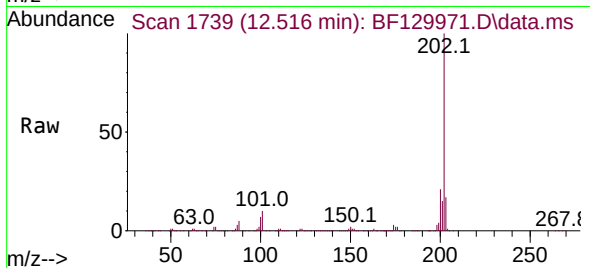
Tgt Ion:149 Resp: 1303567
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 40.103 ng
RT: 12.516 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

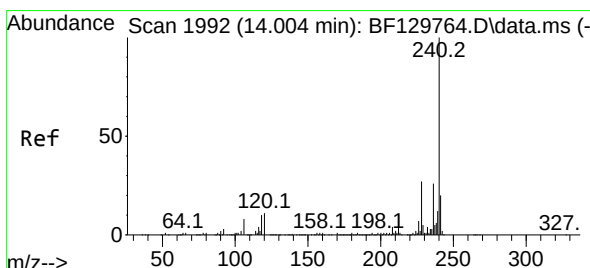
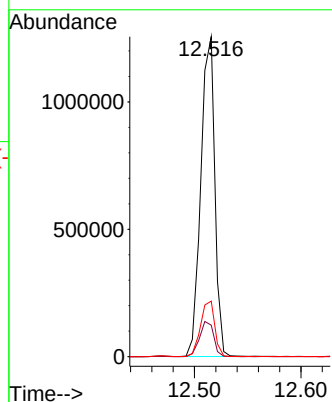
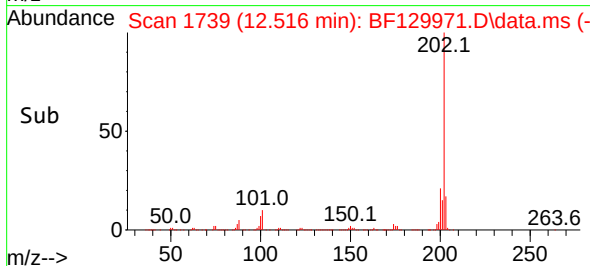
Instrument :
BNA_F
ClientSampleId :
PB147081BS



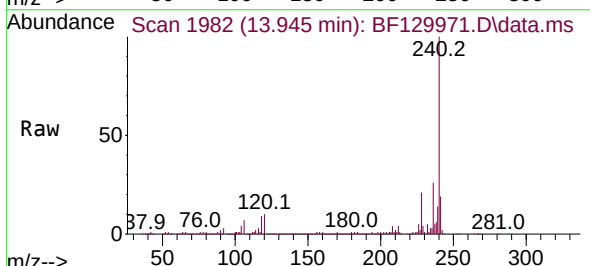
Tgt Ion:202 Resp: 1141878
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 17.3 0.0 37.5

Manual Integrations
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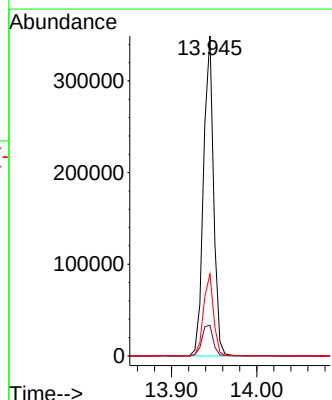
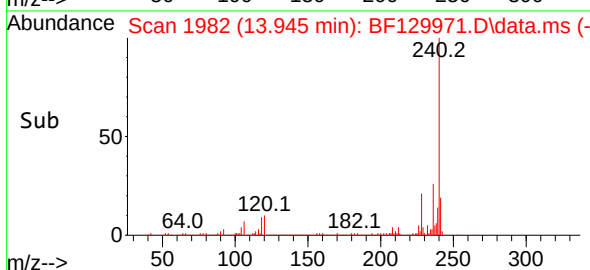
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

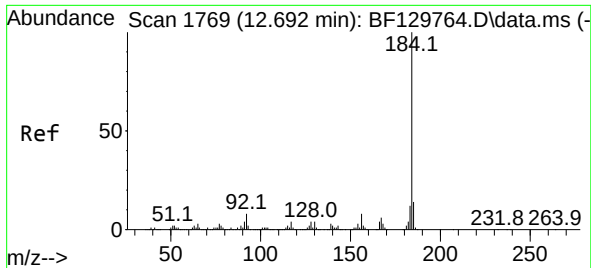


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



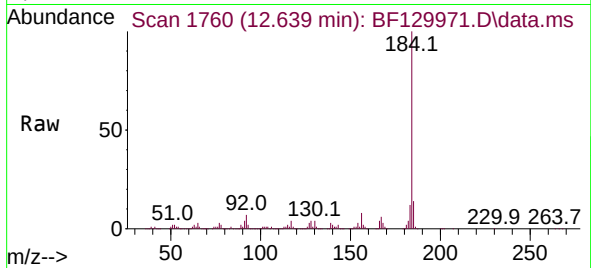
Tgt Ion:240 Resp: 285664
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.6 20.7 31.1





#77
Benzidine
Concen: 88.002 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

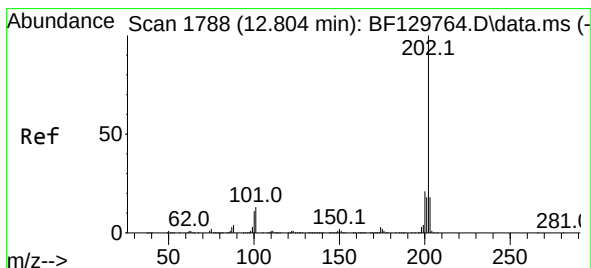
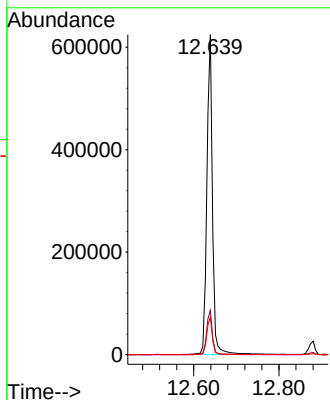
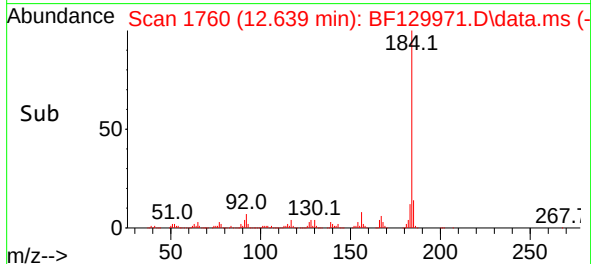
Instrument :
BNA_F
ClientSampleId :
PB147081BS



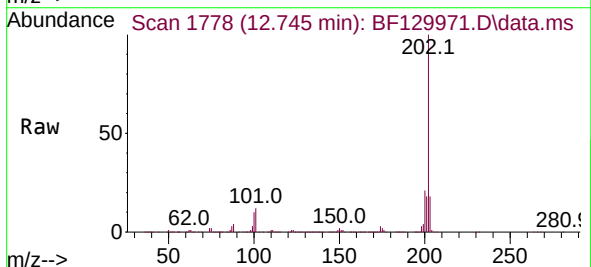
Tgt Ion:184 Resp: 56828
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.8 9.4 14.2

Manual Integrations
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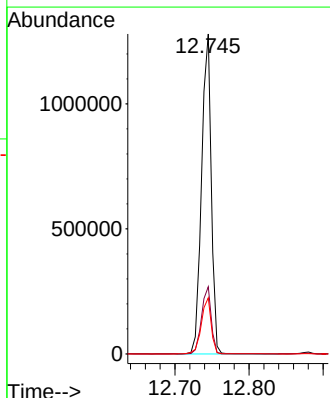
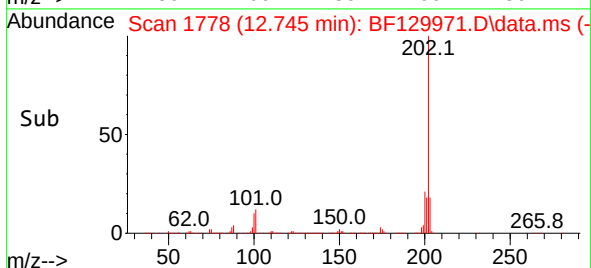
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

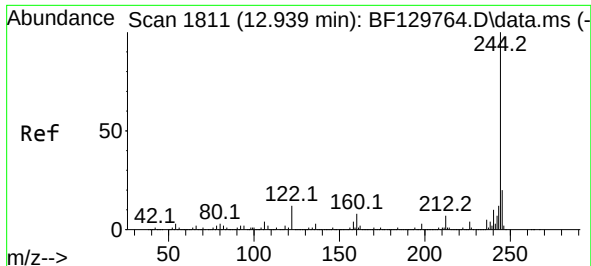


#78
Pyrene
Concen: 46.779 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:202 Resp: 1161253
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.5 14.1 21.1





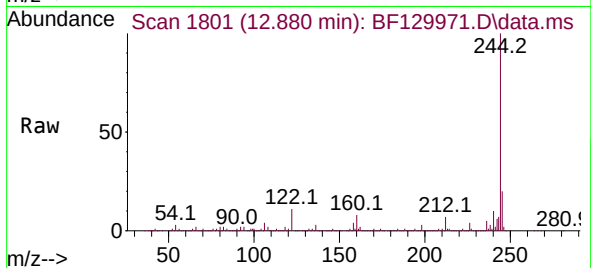
#79
Terphenyl-d14
Concen: 95.478 ng
RT: 12.880 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

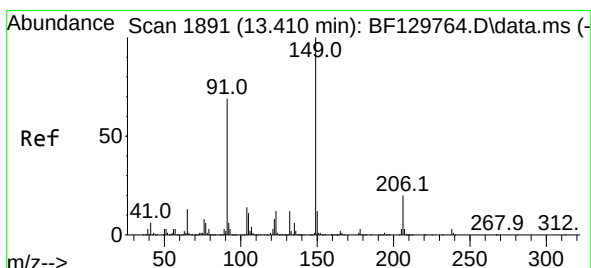
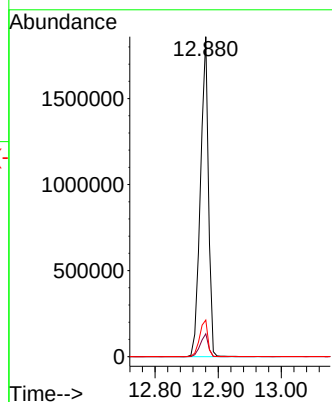
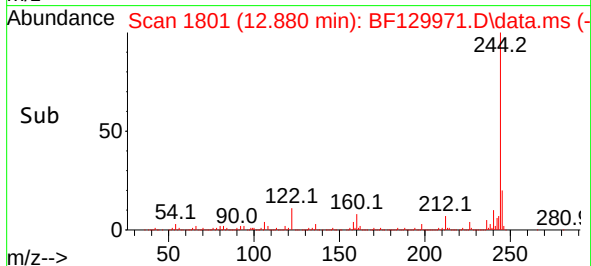


Tgt Ion:244 Resp: 1639156
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.4 9.9 14.9

Manual Integrations

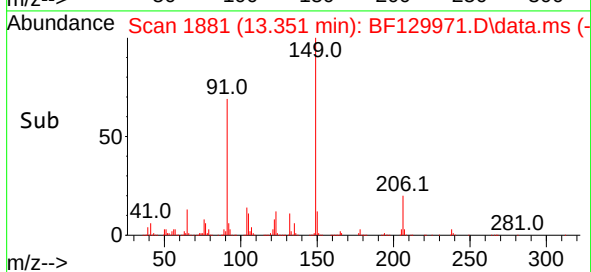
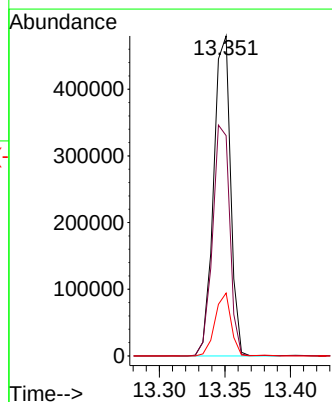
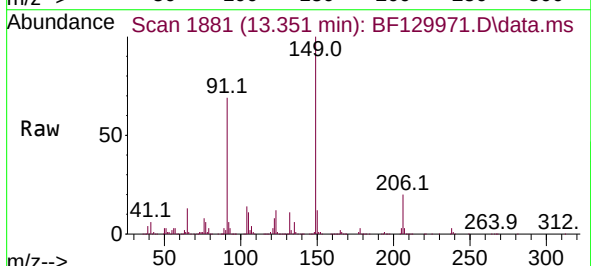
APPROVED

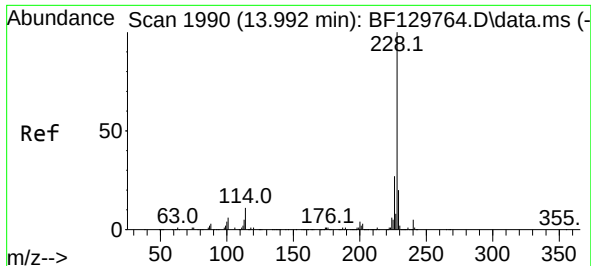
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#80
Butylbenzylphthalate
Concen: 41.098 ng
RT: 13.351 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

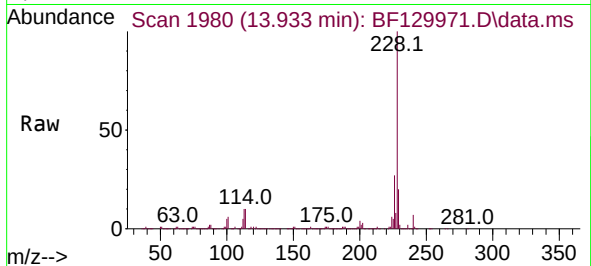
Tgt Ion:149 Resp: 431699
Ion Ratio Lower Upper
149 100
91 68.8 55.4 83.0
206 19.6 15.8 23.6





#81
Benzo(a)anthracene
Concen: 40.297 ng
RT: 13.933 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

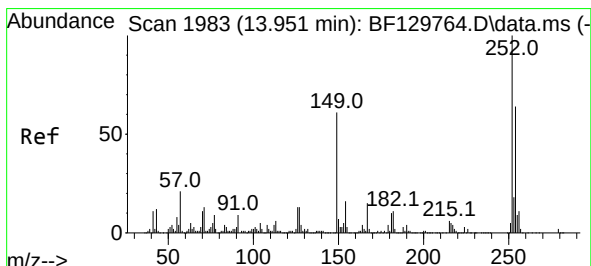
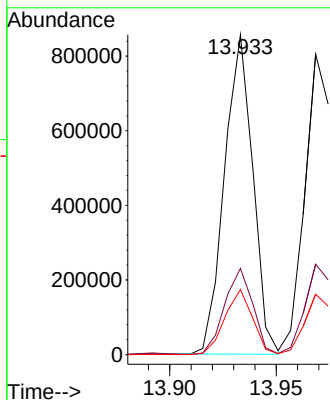
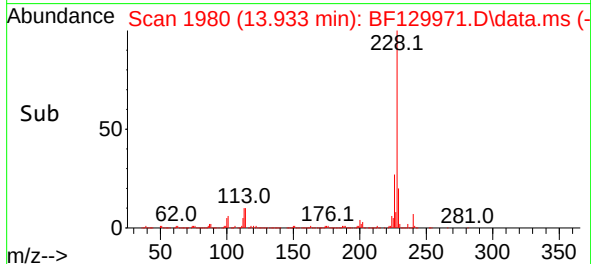
Instrument :
BNA_F
ClientSampleId :
PB147081BS



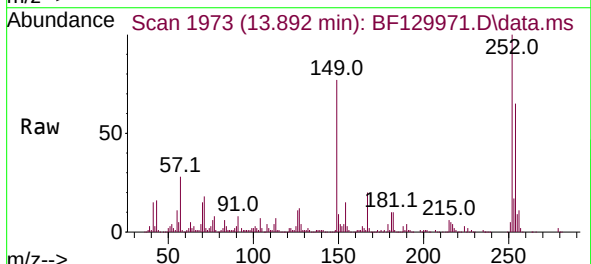
Tgt Ion:228 Resp: 791879
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.3 16.1 24.1

Manual Integrations
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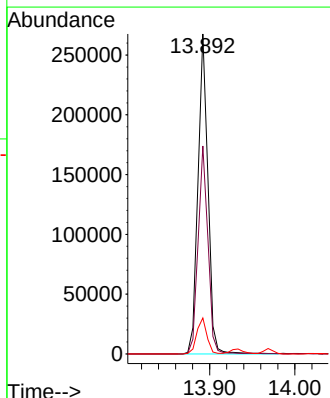
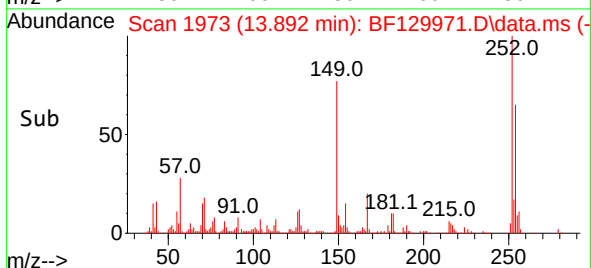
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022

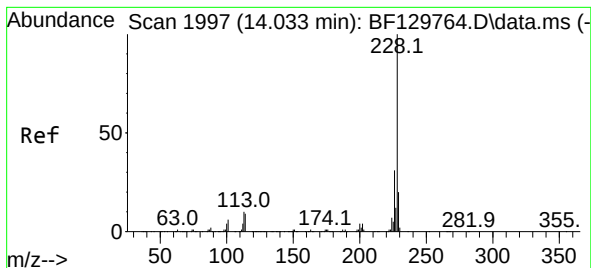


#82
3,3'-Dichlorobenzidine
Concen: 35.740 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28



Tgt Ion:252 Resp: 217517
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 11.2 10.2 15.4





#83

Chrysene

Concen: 39.701 ng

RT: 13.968 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

Tgt Ion:228 Resp: 730293

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

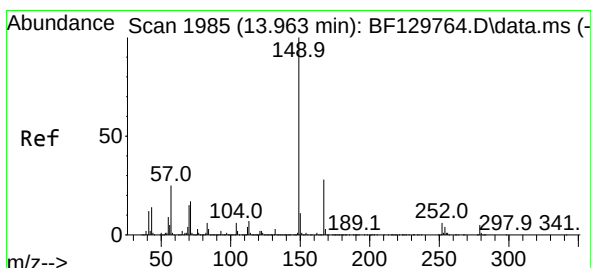
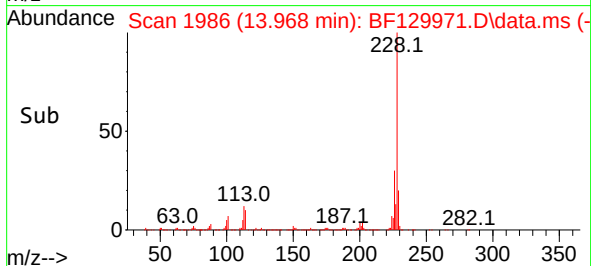
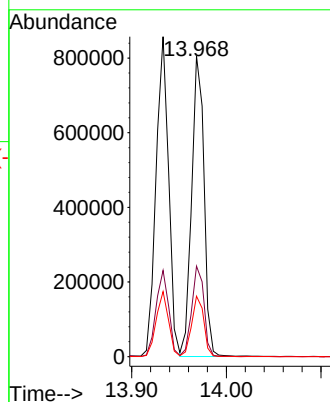
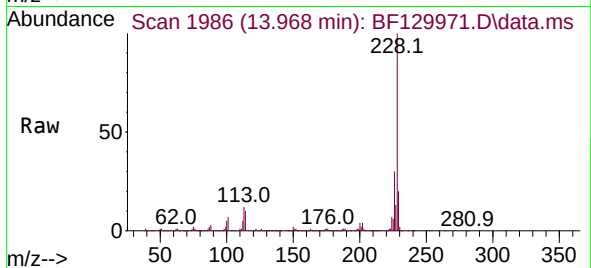
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.780 ng

RT: 13.898 min Scan# 1974

Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

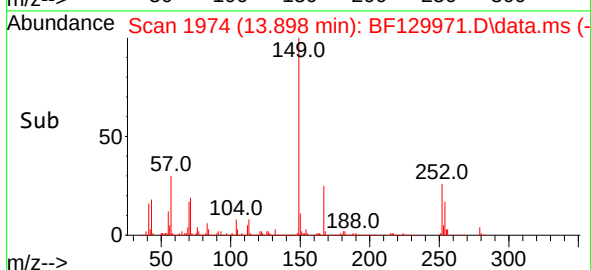
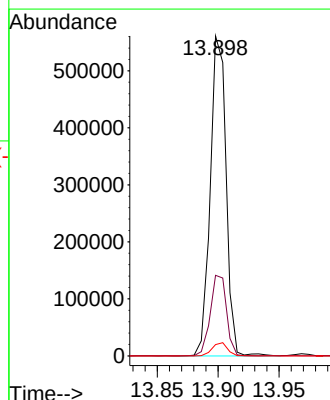
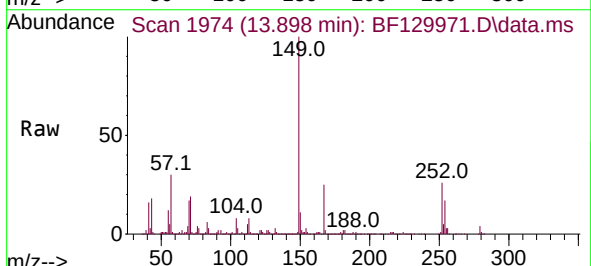
Tgt Ion:149 Resp: 508210

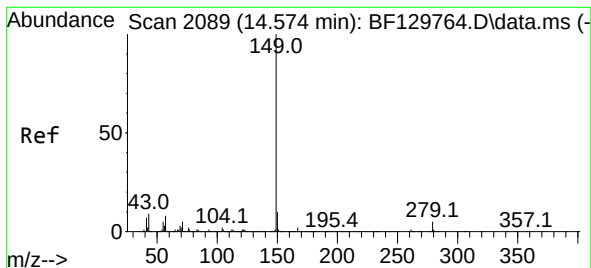
Ion Ratio Lower Upper

149 100

167 25.2 22.0 33.0

279 3.5 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 41.325 ng

RT: 14.510 min Scan# 2089

Delta R.T. -0.012 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

Tgt Ion:149 Resp: 710923

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

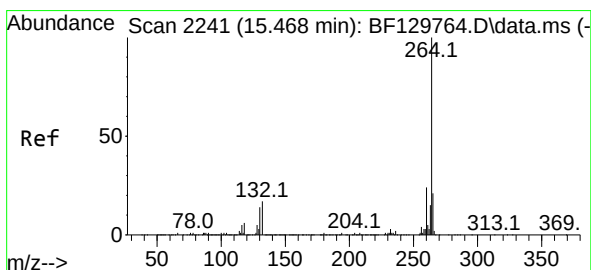
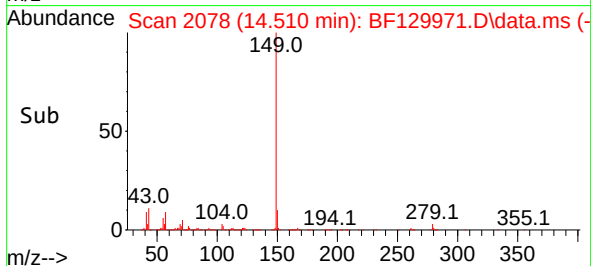
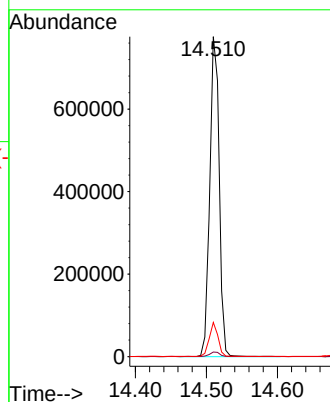
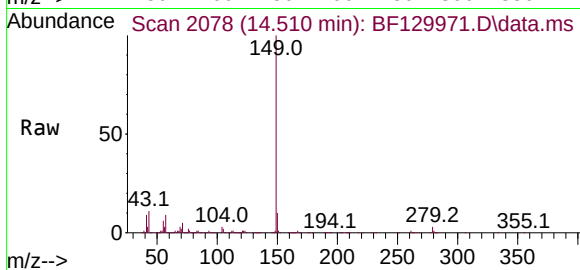
43 9.9 7.8 11.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

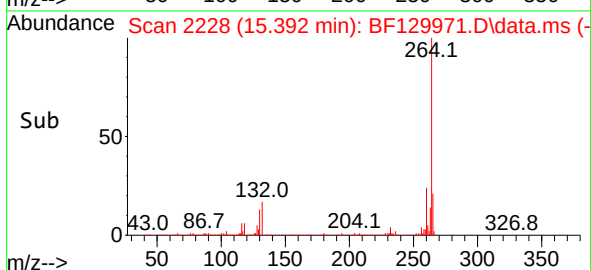
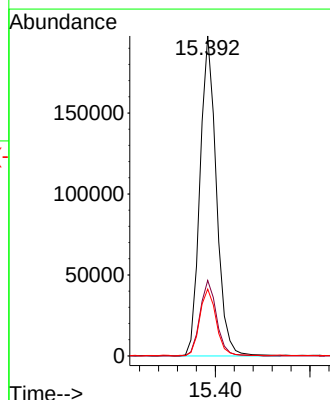
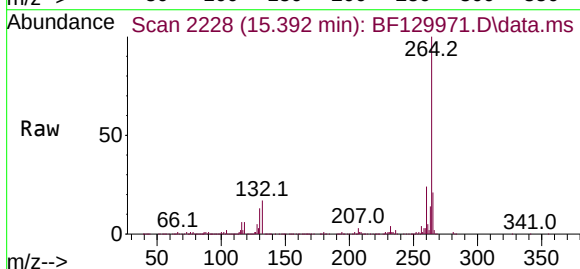
Tgt Ion:264 Resp: 236968

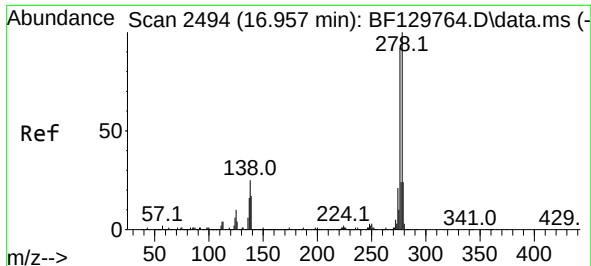
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.121 ng
RT: 16.851 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

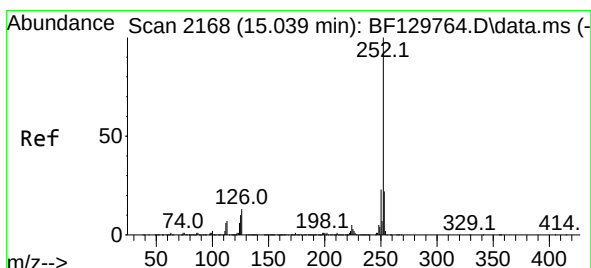
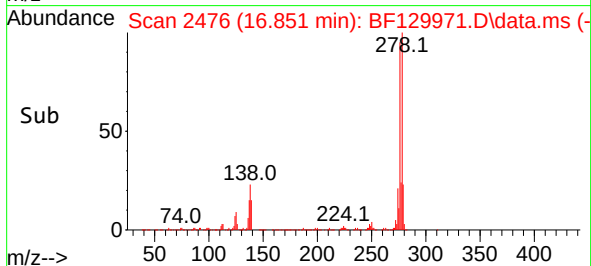
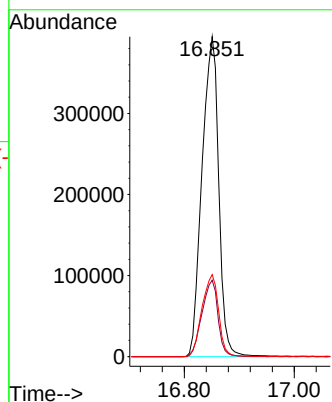
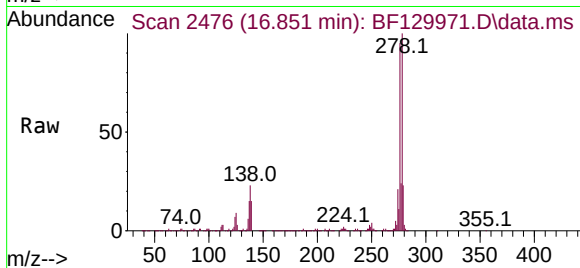
PB147081BS

Tgt Ion:276 Resp: 83164
Ion Ratio Lower Upper
276 100
138 22.9 19.8 29.8
277 25.5 20.4 30.6

Manual Integrations

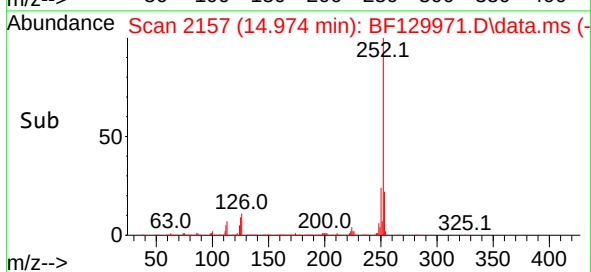
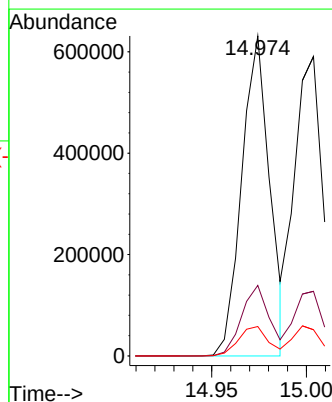
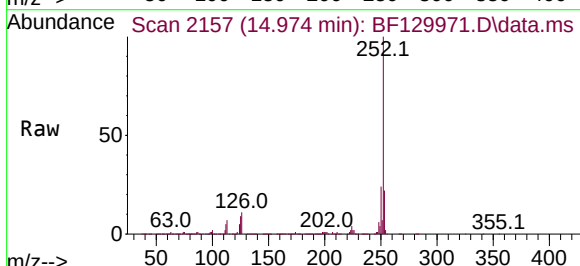
APPROVED

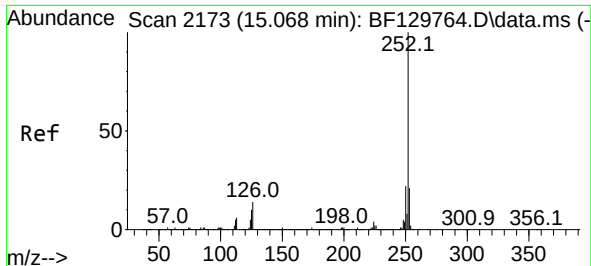
Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#88
Benzo(b)fluoranthene
Concen: 40.060 ng
RT: 14.974 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:252 Resp: 650029
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.2 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 40.340 ng

RT: 15.004 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

ClientSampleId :

PB147081BS

Tgt Ion:252 Resp: 627744

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

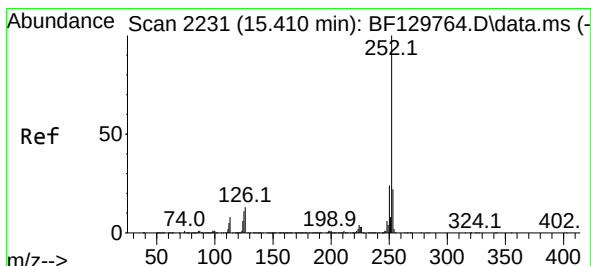
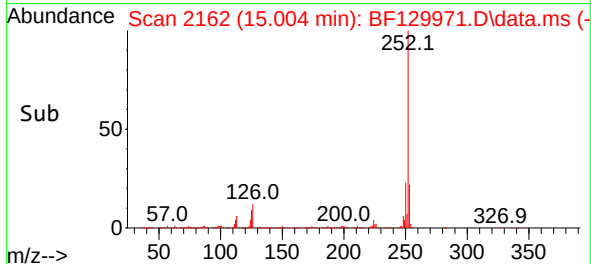
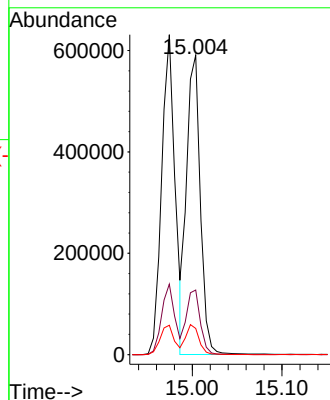
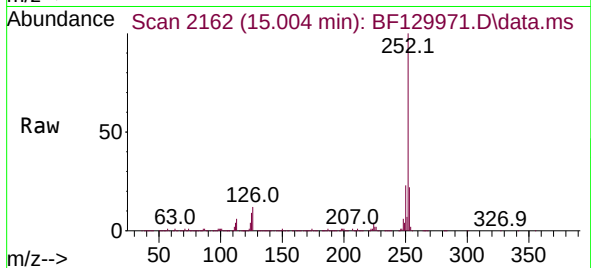
125 8.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/25/2022

Supervised By :Jagrut Upadhyay 08/25/2022



#90

Benzo(a)pyrene

Concen: 45.283 ng

RT: 15.333 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF129971.D

Acq: 24 Aug 2022 13:28

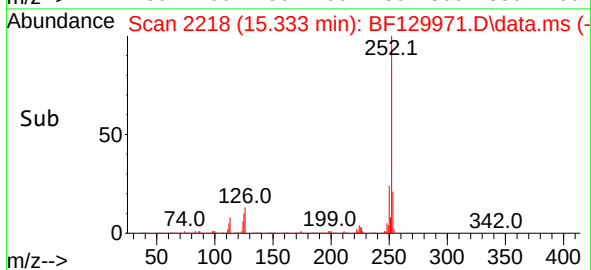
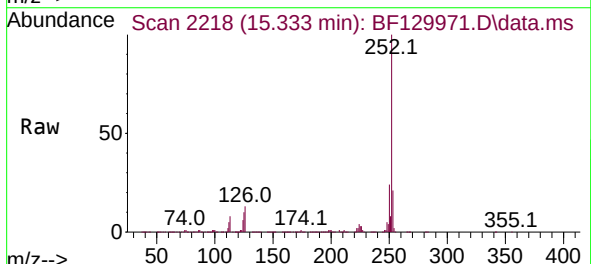
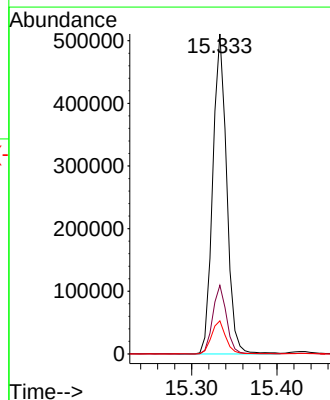
Tgt Ion:252 Resp: 578632

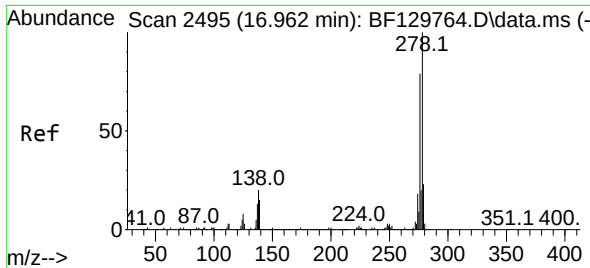
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 53.628 ng
RT: 16.851 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Instrument :

BNA_F

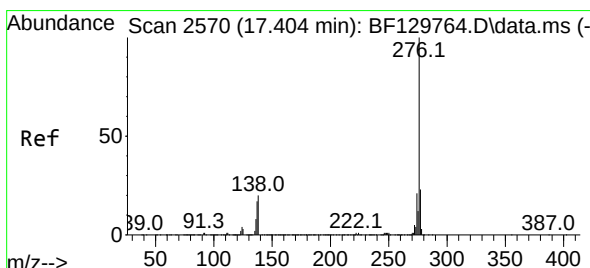
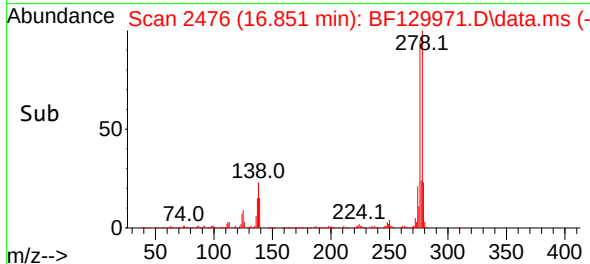
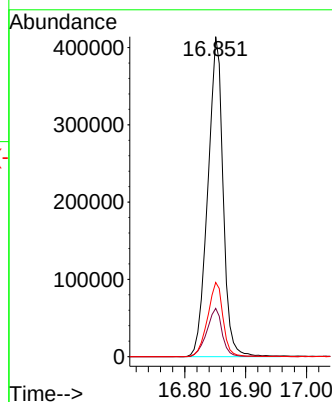
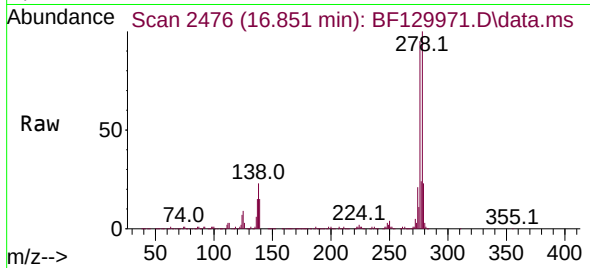
ClientSampleId :

PB147081BS

Tgt Ion:278 Resp: 719854
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.2 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/25/2022
Supervised By :Jagrut Upadhyay 08/25/2022



#92
Benzo(g,h,i)perylene
Concen: 54.864 ng
RT: 17.286 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF129971.D
Acq: 24 Aug 2022 13:28

Tgt Ion:276 Resp: 734715
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.4
138 19.2 15.8 23.8

