

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129021.D
 Acq On : 26 Jun 2022 23:20
 Operator : CG\JU
 Sample : PB145742BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 06:35:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 05:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	100444	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	387589	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	217967	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	405803	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	289067	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	216429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	966049	149.312	ng	0.01
7) Phenol-d6	6.369	99	890354	117.722	ng	0.00
23) Nitrobenzene-d5	7.281	82	621827	77.237	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	261959	115.760	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1167361	77.601	ng	0.00
79) Terphenyl-d14	12.821	244	1359637	87.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	78381	44.630	ng	94
3) Pyridine	3.193	79	206714	30.491	ng	91
4) n-Nitrosodimethylamine	3.157	42	161363	39.820	ng	# 82
6) Aniline	6.369	93	284928	34.845	ng	# 58
8) 2-Chlorophenol	6.498	128	283972	44.715	ng	96
9) Benzaldehyde	6.257	77	66263	16.074	ng	96
10) Phenol	6.381	94	352599	44.143	ng	77
11) bis(2-Chloroethyl)ether	6.445	93	257641	43.423	ng	98
12) 1,3-Dichlorobenzene	6.645	146	308025	42.248	ng	98
13) 1,4-Dichlorobenzene	6.722	146	312019	42.491	ng	98
14) 1,2-Dichlorobenzene	6.875	146	293249	43.422	ng	99
15) Benzyl Alcohol	6.863	79	215683	36.358	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	396609	40.448	ng	# 6
17) 2-Methylphenol	7.139	107	300425	44.106	ng	# 82
18) Hexachloroethane	7.210	117	116658	43.816	ng	97
19) n-Nitroso-di-n-propyla...	7.128	70	209486	44.878	ng	97
20) 3+4-Methylphenols	7.139	107	300425	44.106	ng	# 83
22) Acetophenone	7.122	105	413551	40.429	ng	96
24) Nitrobenzene	7.298	77	324405	43.538	ng	98
25) Isophorone	7.539	82	559041	45.817	ng	98
26) 2-Nitrophenol	7.610	139	147343	42.124	ng	# 84
27) 2,4-Dimethylphenol	7.663	122	251014	48.662	ng	95
28) bis(2-Chloroethoxy)met...	7.745	93	323919	41.099	ng	97
29) 2,4-Dichlorophenol	7.863	162	242532	41.848	ng	99
30) 1,2,4-Trichlorobenzene	7.933	180	261671	40.873	ng	97
31) Naphthalene	8.010	128	819373	42.091	ng	100
32) Benzoic acid	7.833	122	94207	41.249	ng	91
33) 4-Chloroaniline	8.069	127	230579	30.739	ng	97
34) Hexachlorobutadiene	8.122	225	177124	43.010	ng	98
35) Caprolactam	8.457	113	71318m	45.528	ng	
36) 4-Chloro-3-methylphenol	8.580	107	266497	46.705	ng	100
37) 2-Methylnaphthalene	8.704	142	522407	48.093	ng	99
38) 1-Methylnaphthalene	8.804	142	498857	47.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	274478	39.402	ng	99
41) Hexachlorocyclopentadiene	8.851	237	154722	73.357	ng	98
43) 2,4,6-Trichlorophenol	8.992	196	152858	38.274	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	165855	39.885	ng	# 94
46) 1,1'-Biphenyl	9.169	154	663056	41.882	ng	98
47) 2-Chloronaphthalene	9.192	162	518470	42.082	ng	99
48) 2-Nitroaniline	9.304	65	186234	42.483	ng	96
49) Acenaphthylene	9.610	152	806532	43.585	ng	100
50) Dimethylphthalate	9.480	163	613677	42.378	ng	100
51) 2,6-Dinitrotoluene	9.545	165	134258	44.263	ng	# 86
52) Acenaphthene	9.780	154	472207	42.234	ng	99
53) 3-Nitroaniline	9.716	138	99094	29.675	ng	99
54) 2,4-Dinitrophenol	9.839	184	117463	79.573	ng	88
55) Dibenzofuran	9.951	168	691659	39.937	ng	93
56) 4-Nitrophenol	9.916	139	96428	80.504	ng	# 75
57) 2,4-Dinitrotoluene	9.957	165	176265	44.202	ng	93
58) Fluorene	10.298	166	574281	42.125	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.080	232	138234	45.622	ng	96
60) Diethylphthalate	10.174	149	597376	42.382	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	281090	40.430	ng	94
62) 4-Nitroaniline	10.339	138	125379	39.773	ng	90
63) Azobenzene	10.445	77	588972	40.803	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	94738	40.738	ng	98
66) n-Nitrosodiphenylamine	10.410	169	519218	41.626	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	183633	41.237	ng	95
68) Hexachlorobenzene	10.845	284	211203	43.053	ng	# 90
69) Atrazine	10.945	200	170953	45.699	ng	98
70) Pentachlorophenol	11.051	266	94264	82.291	ng	99
71) Phenanthrene	11.257	178	855107	42.519	ng	99
72) Anthracene	11.310	178	865129	43.124	ng	99
73) Carbazole	11.474	167	762007	40.081	ng	99
74) Di-n-butylphthalate	11.798	149	915101	42.394	ng	99
75) Fluoranthene	12.445	202	921936	44.607	ng	98
77) Benzidine	12.574	184	306257	Below Cal		98
78) Pyrene	12.680	202	923074	44.647	ng	98
80) Butylbenzylphthalate	13.292	149	374862	45.230	ng	99
81) Benzo(a)anthracene	13.868	228	780913	43.523	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	199267	49.002	ng	98
83) Chrysene	13.910	228	730363	42.558	ng	99
84) Bis(2-ethylhexyl)phtha...	13.851	149	490177	45.565	ng	98
85) Di-n-octyl phthalate	14.462	149	744047	44.922	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	556492	43.760	ng	# 93
88) Benzo(b)fluoranthene	14.898	252	656815	49.938	ng	98
89) Benzo(k)fluoranthene	14.927	252	563971	43.526	ng	# 98
90) Benzo(a)pyrene	15.251	252	567070	53.139	ng	# 97
91) Dibenzo(a,h)anthracene	16.721	278	489367	46.700	ng	# 96
92) Benzo(g,h,i)perylene	17.133	276	483141	46.438	ng	# 94

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

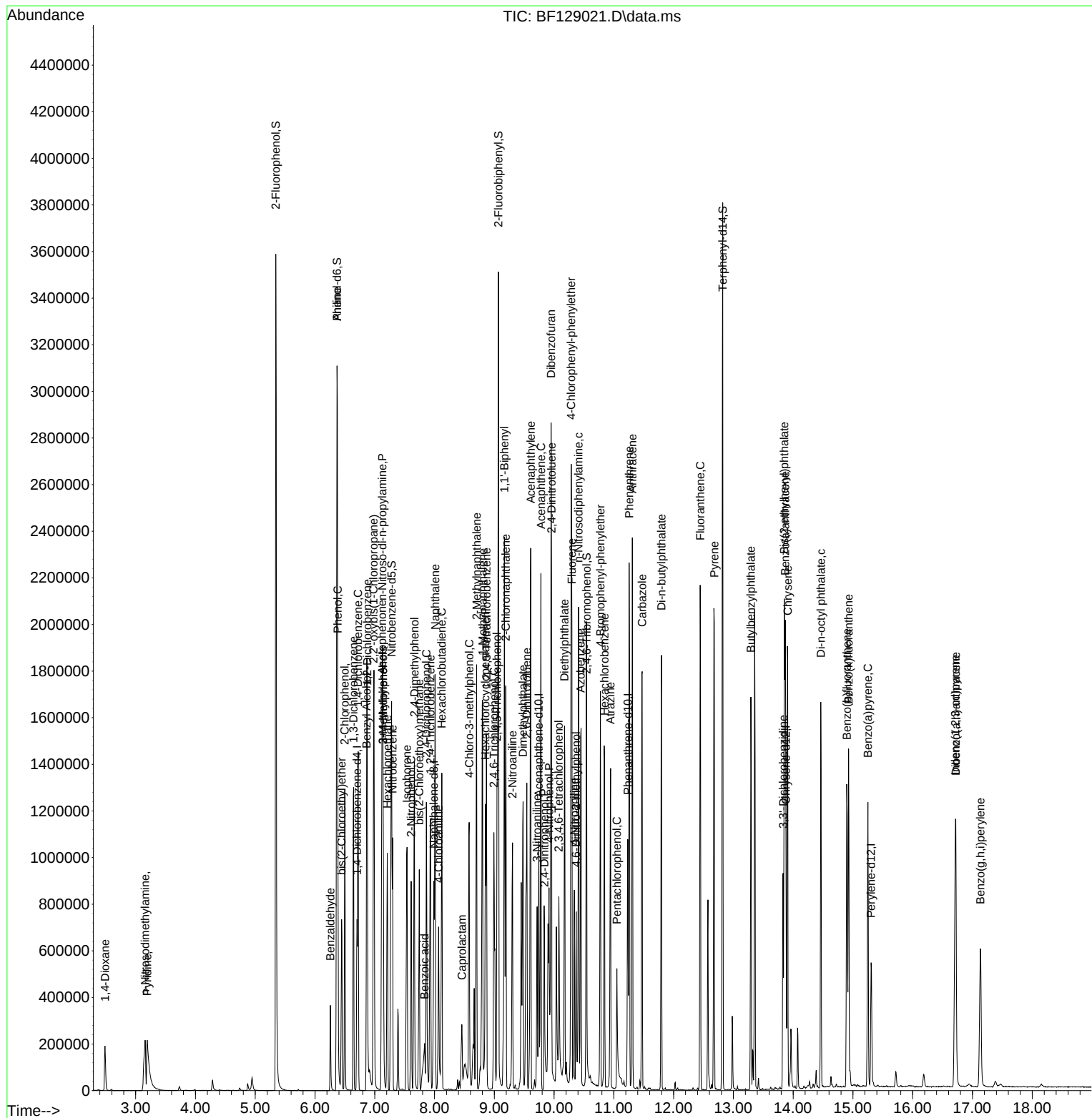
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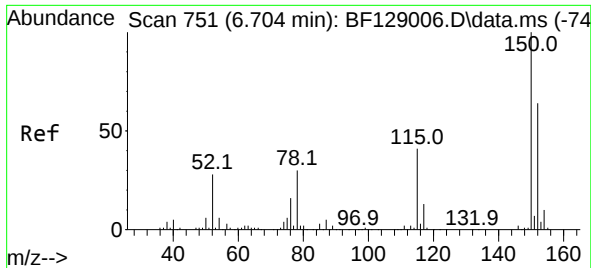
Instrument :
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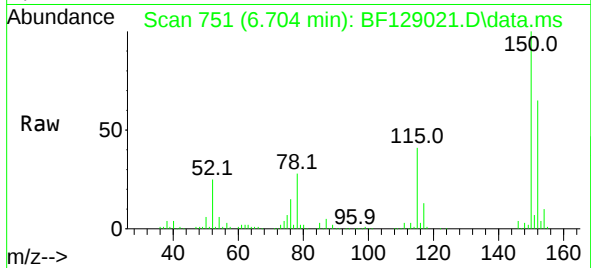
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

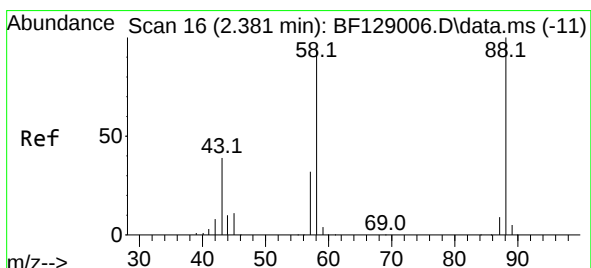
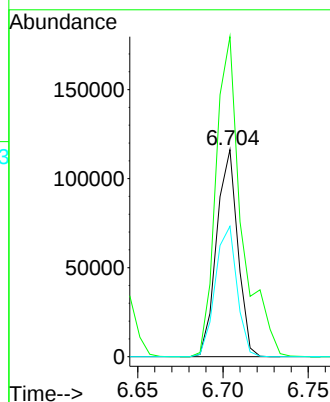
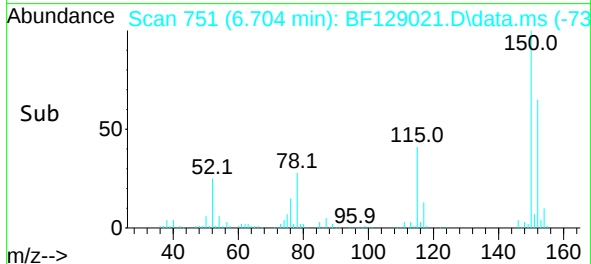
Instrument :
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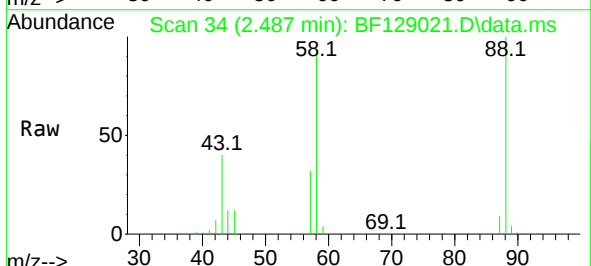
Tgt Ion: 152 Resp: 100444
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 63.0 49.9 74.9

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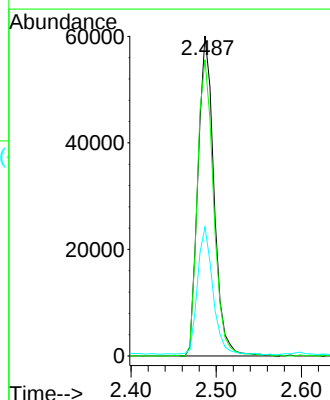
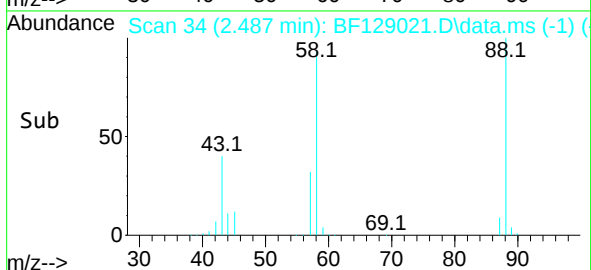
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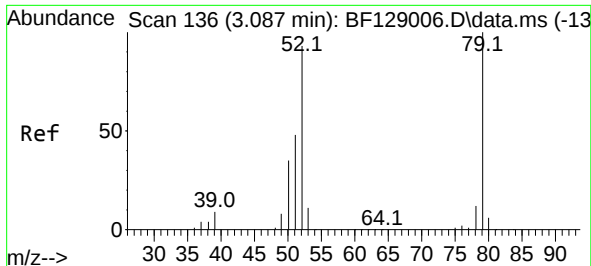


#2
1,4-Dioxane
Concen: 44.630 ng
RT: 2.487 min Scan# 34
Delta R.T. 0.106 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



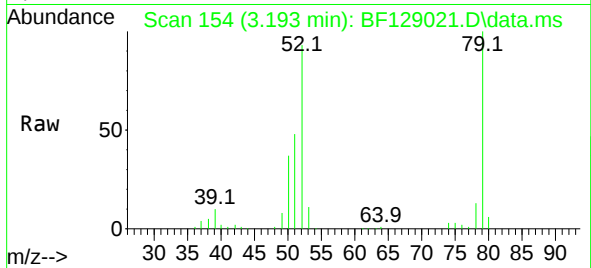
Tgt Ion: 88 Resp: 78381
Ion Ratio Lower Upper
88 100
58 93.9 71.8 107.8
43 39.0 26.6 39.8





#3
Pyridine
Concen: 30.491 ng
RT: 3.193 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

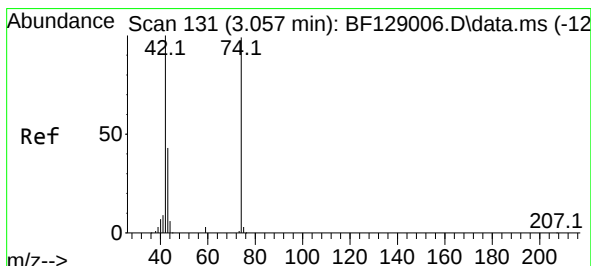
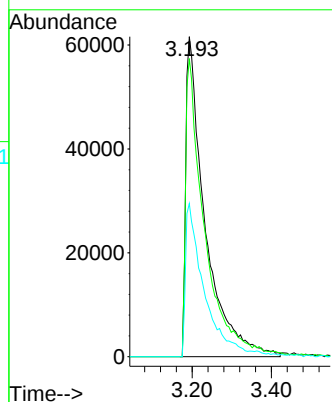
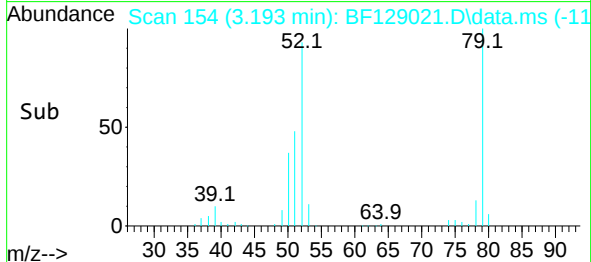
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ClientSampleId :
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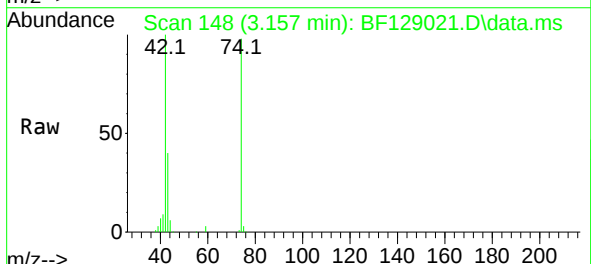
Tgt Ion: 79 Resp: 206714
Ion Ratio Lower Upper
79 100
52 93.2 68.6 102.8
51 47.8 32.9 49.3

Manual Integrations
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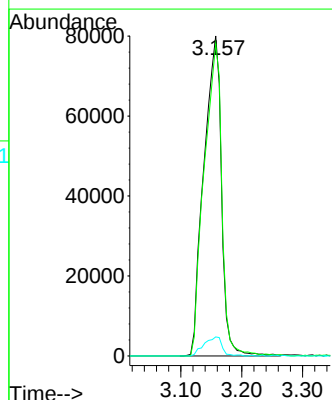
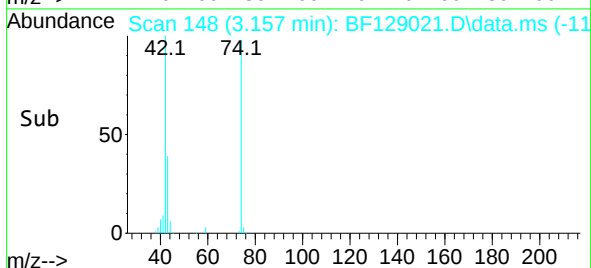
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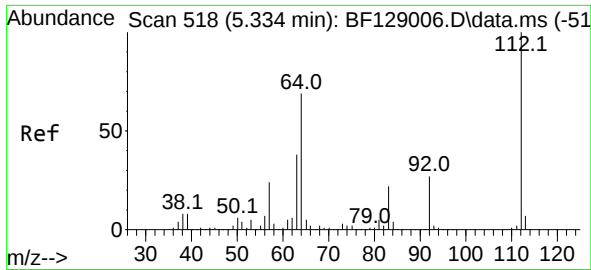


#4
n-Nitrosodimethylamine
Concen: 39.820 ng
RT: 3.157 min Scan# 148
Delta R.T. 0.100 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion: 42 Resp: 161363
Ion Ratio Lower Upper
42 100
74 97.5 94.8 142.2
44 6.0 6.6 10.0#





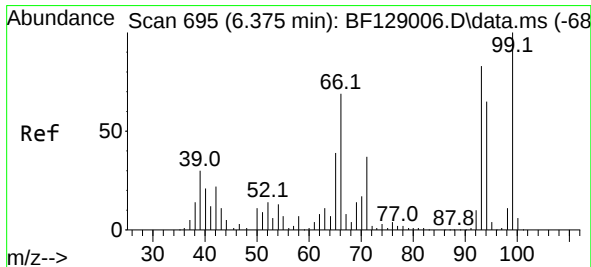
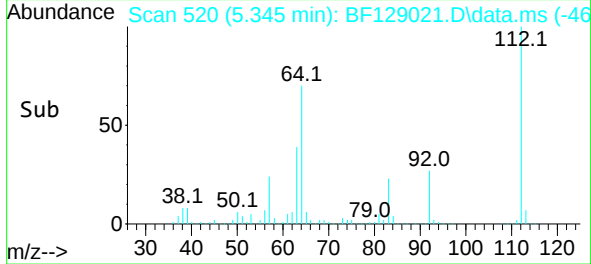
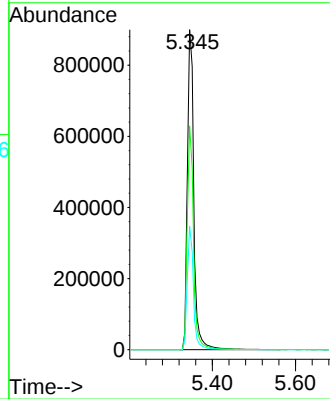
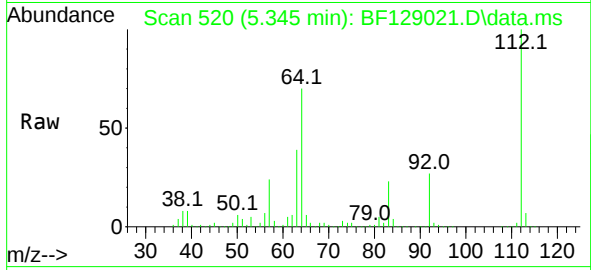
#5
2-Fluorophenol
Concen: 149.312 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:112 Resp: 966049
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 38.5 28.0 42.0

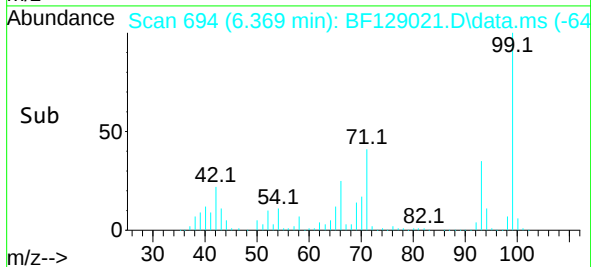
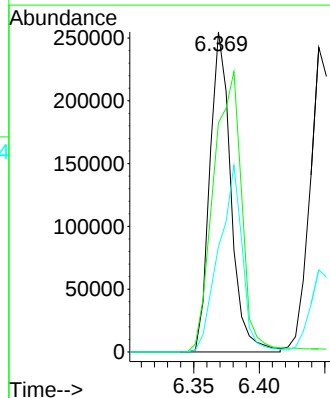
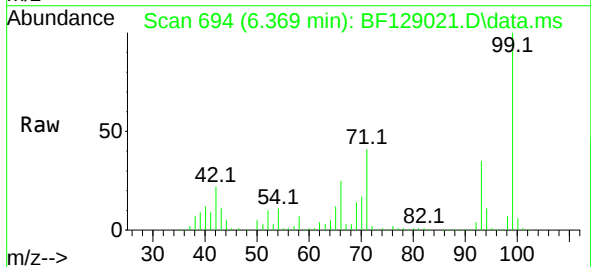
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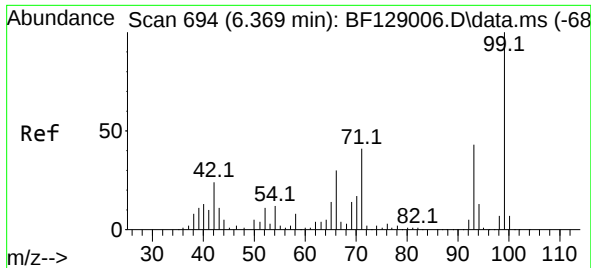
Reviewed By :Christian Giraldo 06/27/2022
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#6
Aniline
Concen: 34.845 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

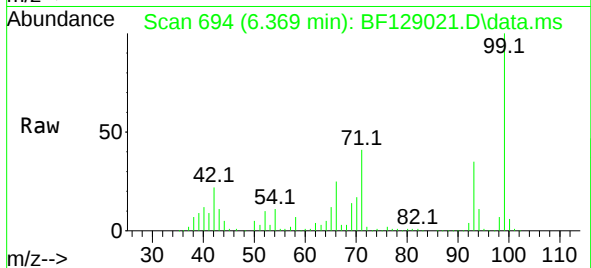
Tgt Ion: 93 Resp: 284928
Ion Ratio Lower Upper
93 100
66 71.6 32.5 48.7#
65 32.9 16.4 24.6#





#7
Phenol-d6
Concen: 117.722 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF129021.D
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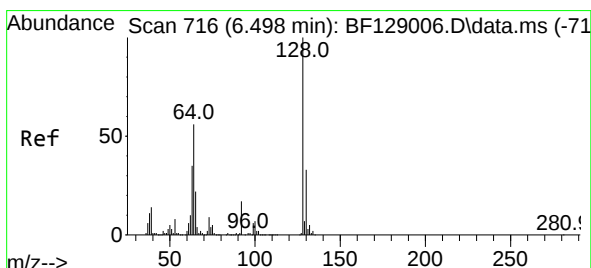
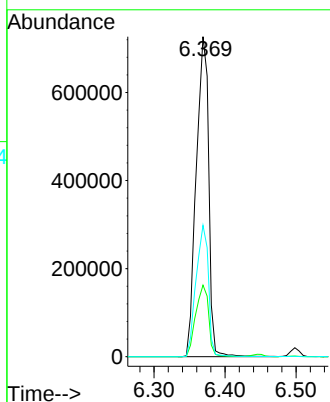
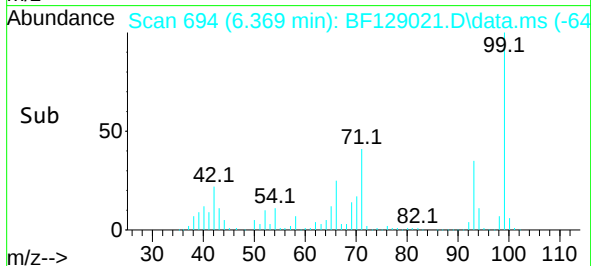
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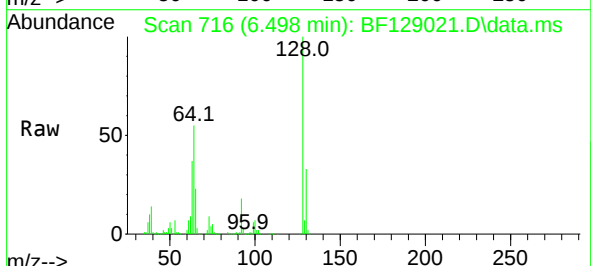
Tgt Ion: 99 Resp: 890354
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 41.0 28.9 43.3

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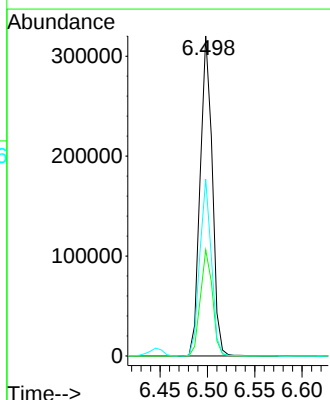
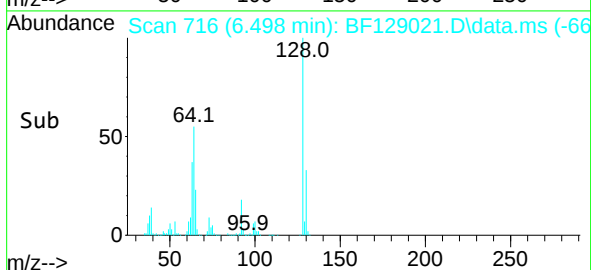
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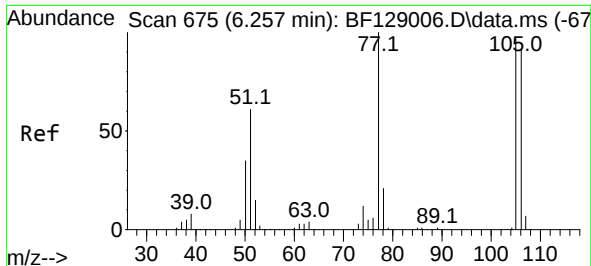


#8
2-Chlorophenol
Concen: 44.715 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF129021.D
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Tgt Ion:128 Resp: 283972
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 55.2 30.9 70.9





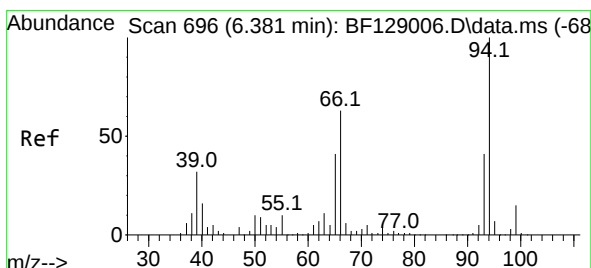
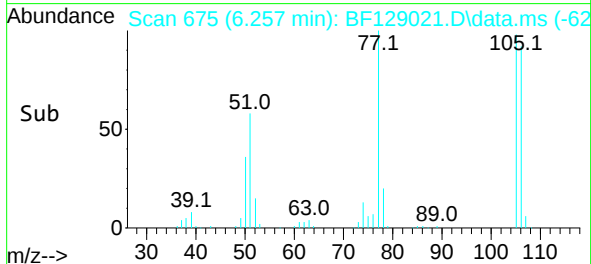
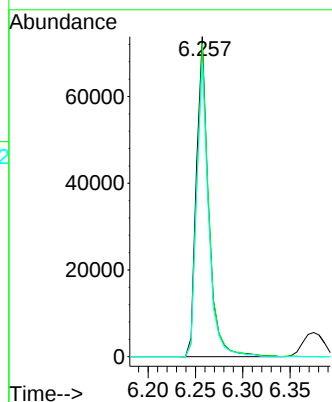
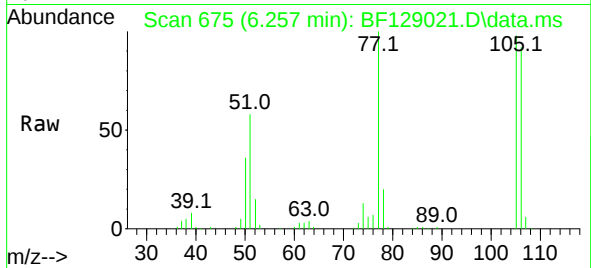
#9
Benzaldehyde
Concen: 16.074 ng
RT: 6.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

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Tgt Ion: 77 Resp: 6626
Ion Ratio Lower Upper
77 100
105 97.8 81.6 121.6
106 91.9 76.1 116.1

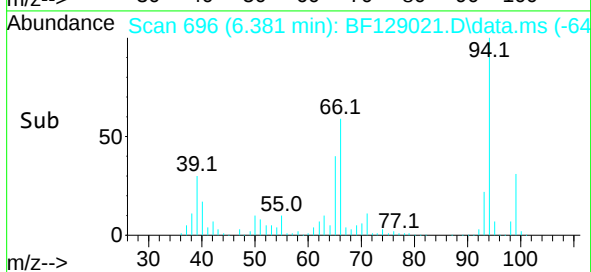
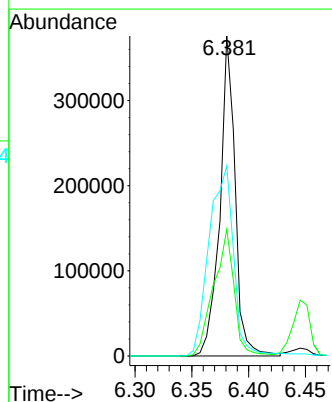
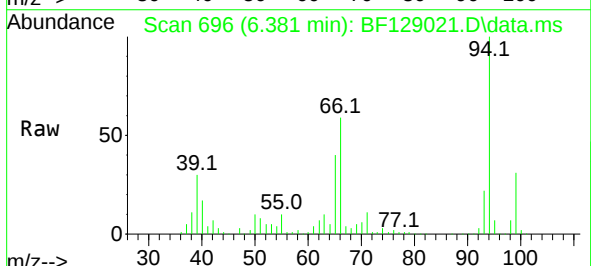
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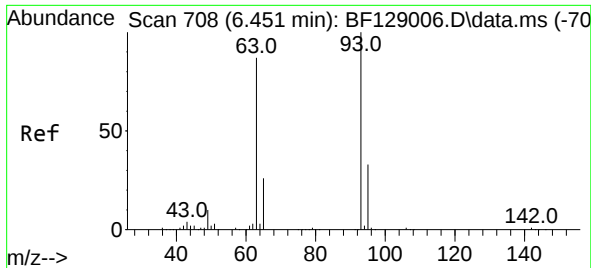
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#10
Phenol
Concen: 44.143 ng
RT: 6.381 min Scan# 696
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion: 94 Resp: 352599
Ion Ratio Lower Upper
94 100
65 39.6 11.4 51.4
66 59.4 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 43.423 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

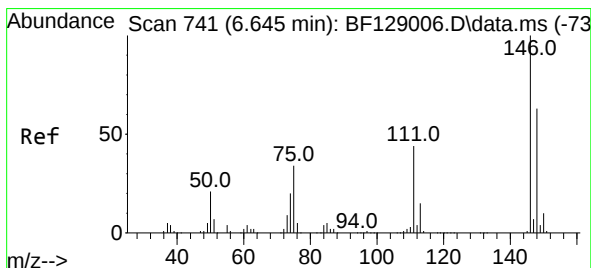
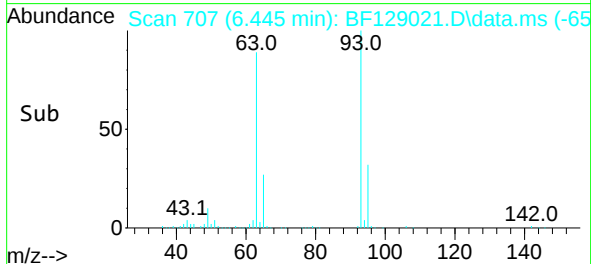
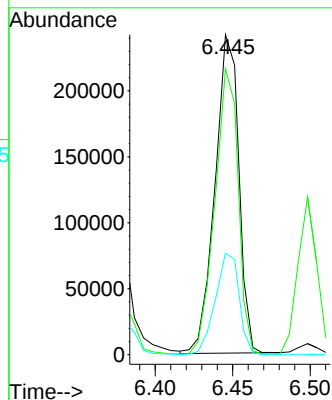
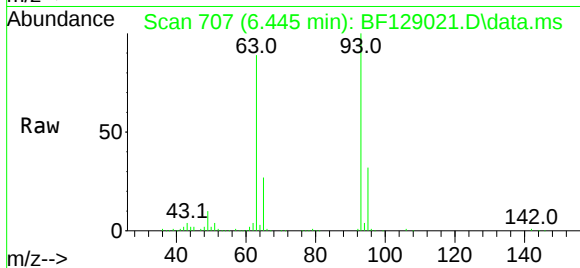
ClientSampleId :

PB145742BS

Tgt Ion: 93 Resp: 25764
Ion Ratio Lower Upper
93 100
63 89.4 67.4 107.4
95 31.8 12.7 52.7

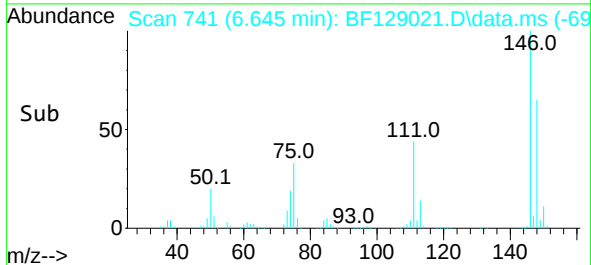
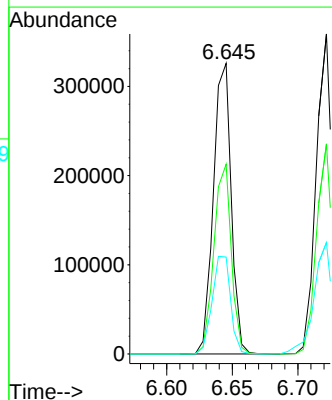
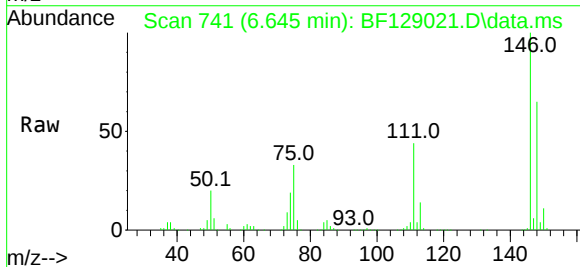
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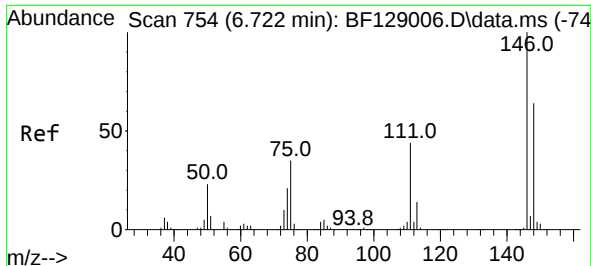
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#12
1,3-Dichlorobenzene
Concen: 42.248 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:146 Resp: 308025
Ion Ratio Lower Upper
146 100
148 65.3 50.6 75.8
75 33.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 42.491 ng

RT: 6.722 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

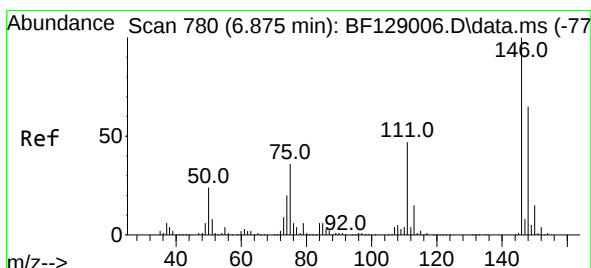
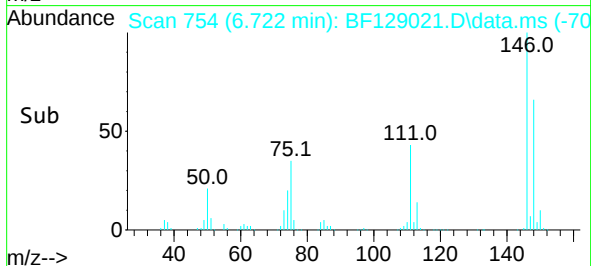
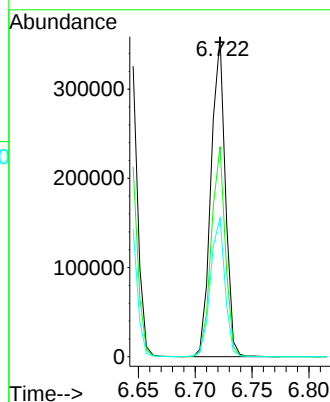
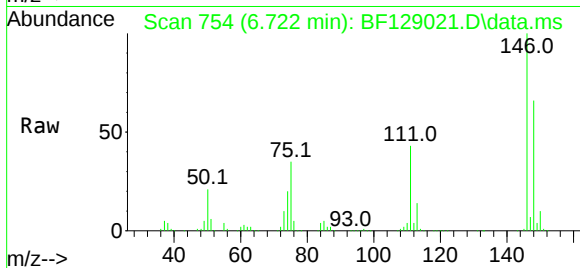
PB145742BS

Tgt Ion:146 Resp: 312019
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 43.4 34.2 51.4

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Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022



#14

1,2-Dichlorobenzene

Concen: 43.422 ng

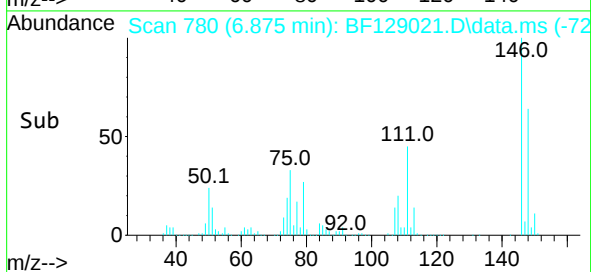
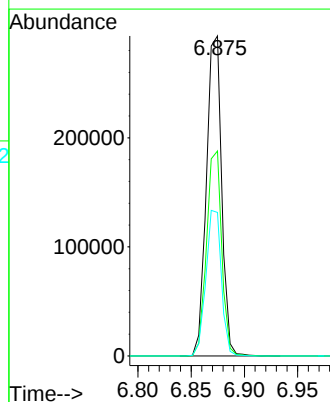
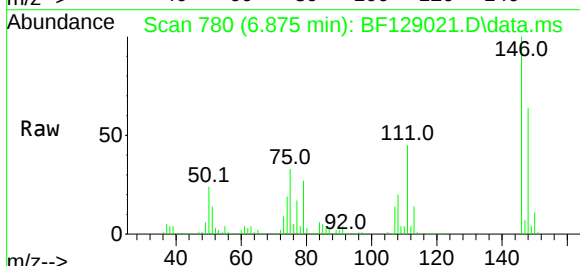
RT: 6.875 min Scan# 780

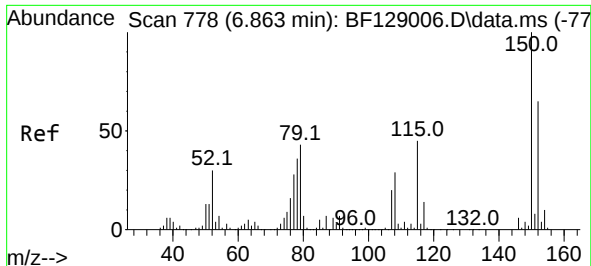
Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

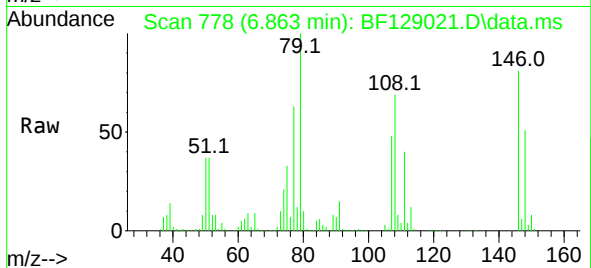
Tgt Ion:146 Resp: 293249
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.8
 111 44.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 36.358 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

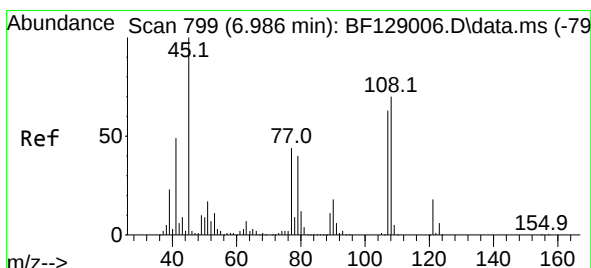
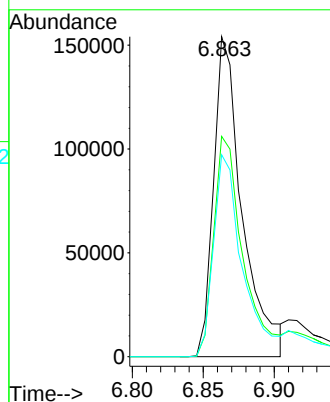
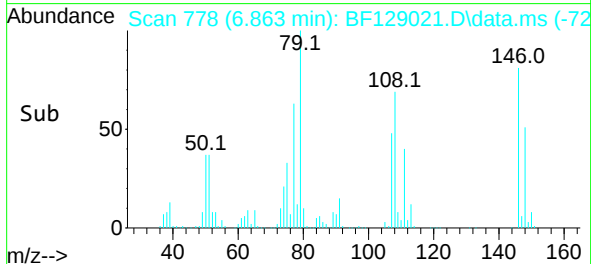
Instrument :
BNA_F
ClientSampleId :
PB145742BS



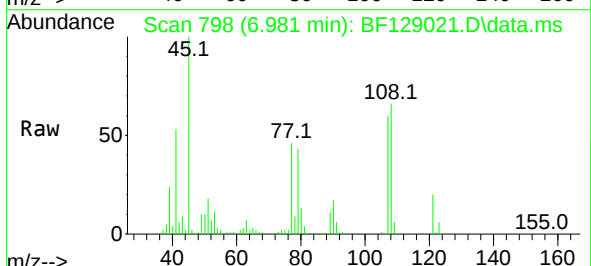
Tgt Ion: 79 Resp: 21568
Ion Ratio Lower Upper
79 100
108 68.8 61.8 92.6
77 63.1 50.2 75.4

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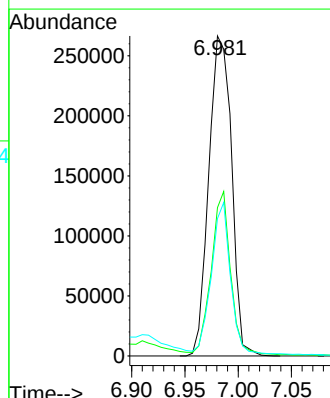
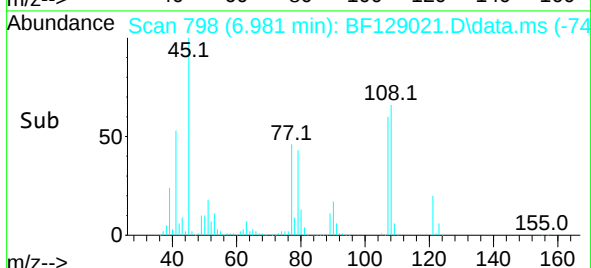
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

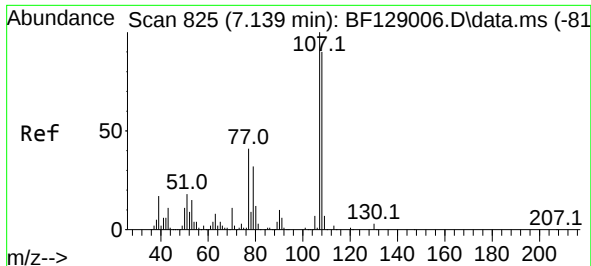


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.448 ng
RT: 6.981 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



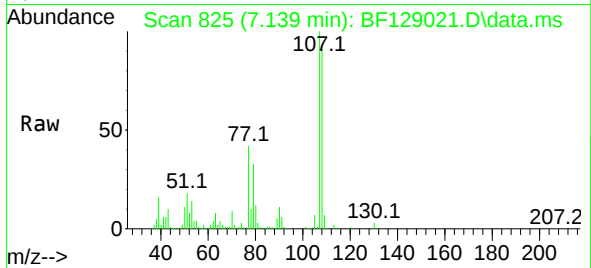
Tgt Ion: 45 Resp: 396609
Ion Ratio Lower Upper
45 100
77 46.4 0.0 31.3#
79 42.9 0.0 28.3#





#17
2-Methylphenol
Concen: 44.106 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

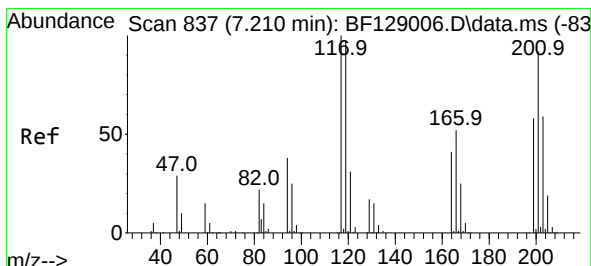
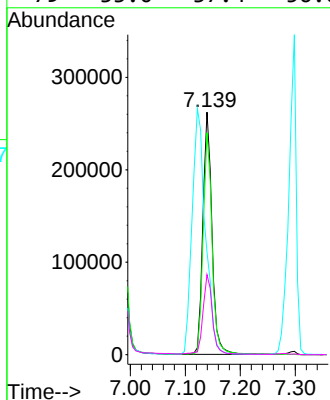
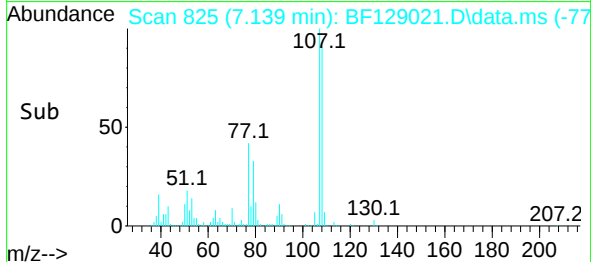
Instrument :
BNA_F
ClientSampleId :
PB145742BS



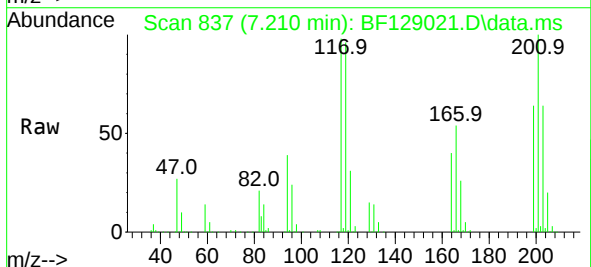
Tgt Ion:	107	Resp:	30042
Ion Ratio	Lower	Upper	
107	100		
108	91.5	91.9	137.9
77	42.3	37.8	56.8
79	33.0	37.4	56.0

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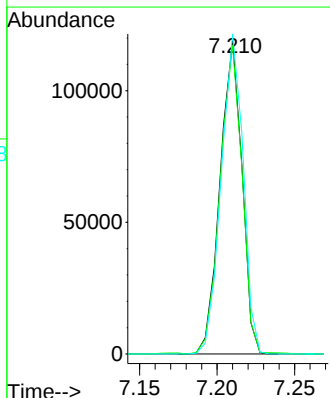
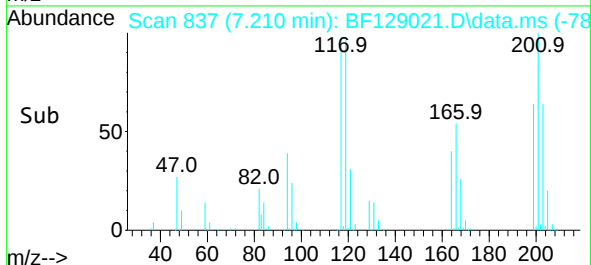
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

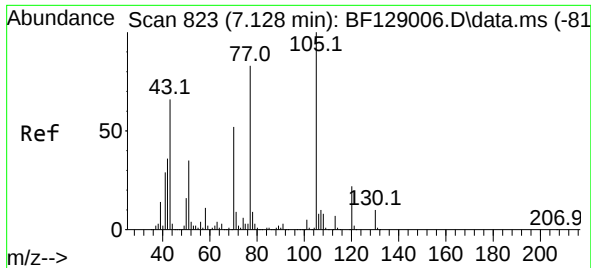


#18
Hexachloroethane
Concen: 43.816 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



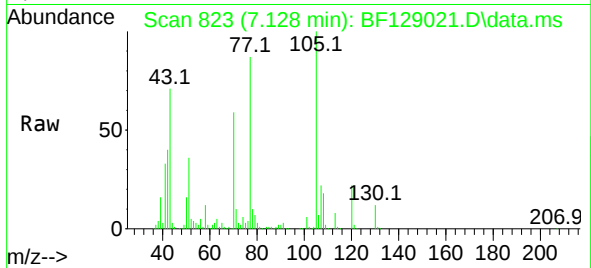
Tgt Ion:	117	Resp:	116658
Ion Ratio	Lower	Upper	
117	100		
119	98.5	77.4	116.2
201	102.1	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.878 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

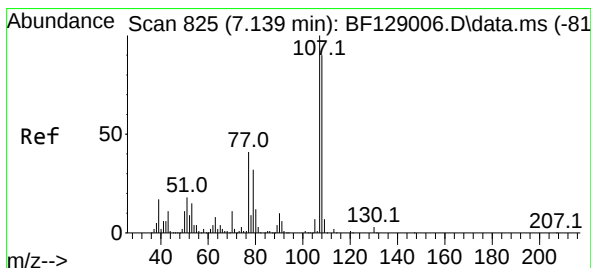
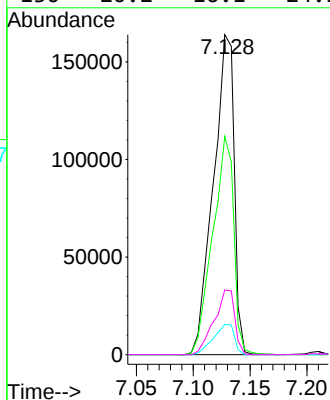
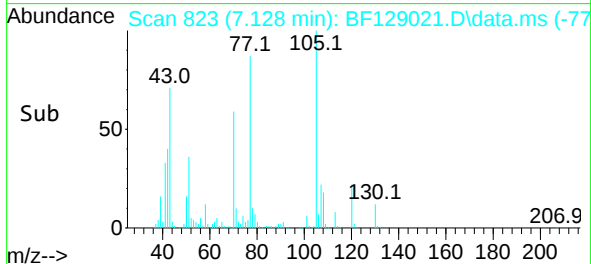
Instrument :
BNA_F
ClientSampleId :
PB145742BS



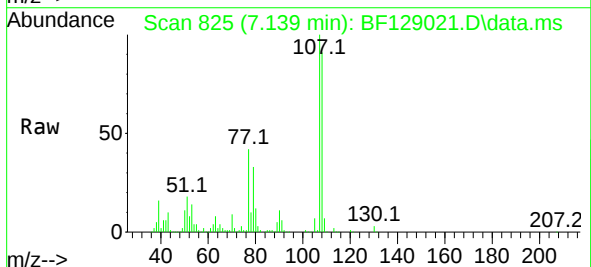
Tgt Ion: 70 Resp: 209486
Ion Ratio Lower Upper
70 100
42 68.2 52.3 78.5
101 9.4 7.5 11.3
130 20.2 16.1 24.1

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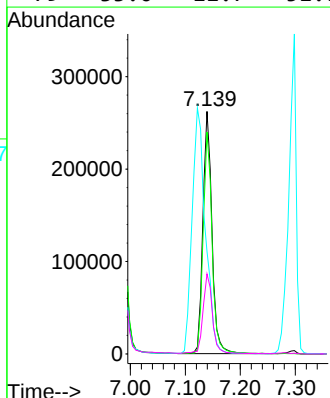
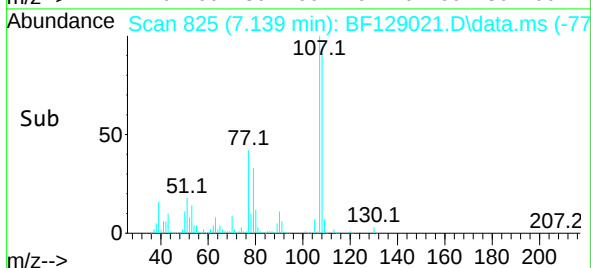
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

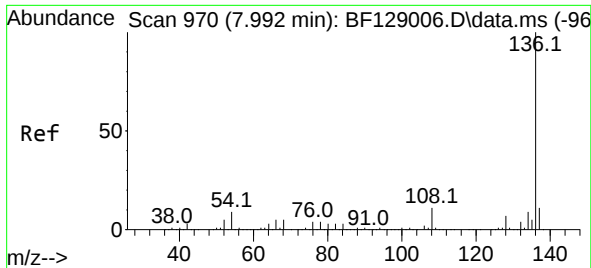


#20
3+4-Methylphenols
Concen: 44.106 ng
RT: 7.139 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:107 Resp: 300425
Ion Ratio Lower Upper
107 100
108 91.5 71.8 111.8
77 42.3 59.3 99.3#
79 33.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

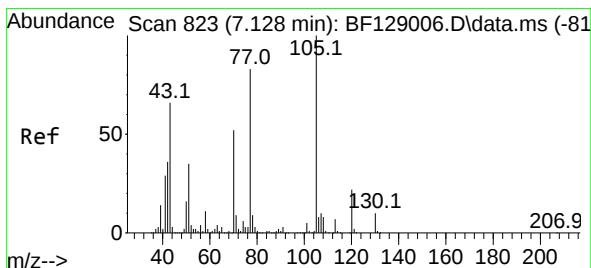
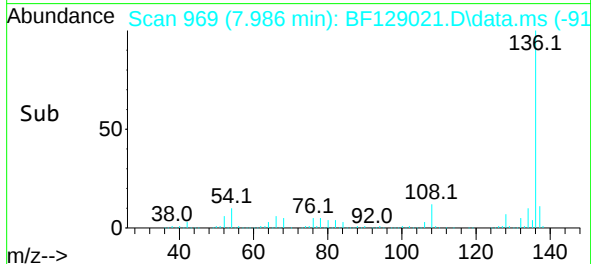
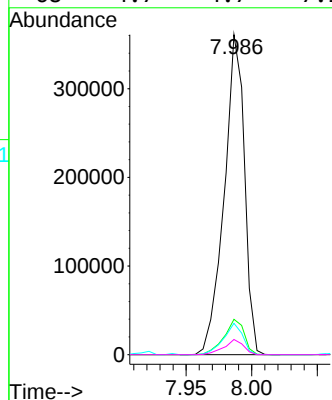
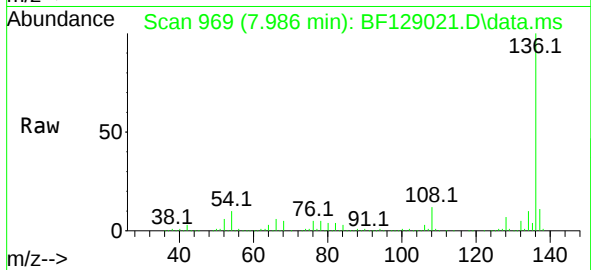
ClientSampleId :

PB145742BS

Tgt Ion:136 Resp: 387589
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 7.5 11.3
68 4.7 4.7 7.1

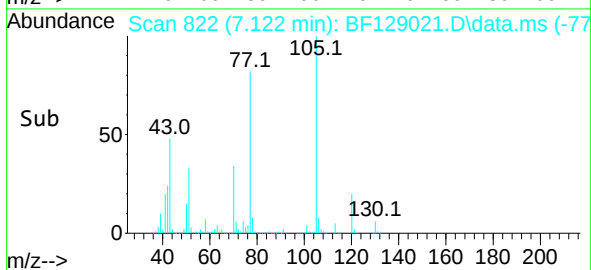
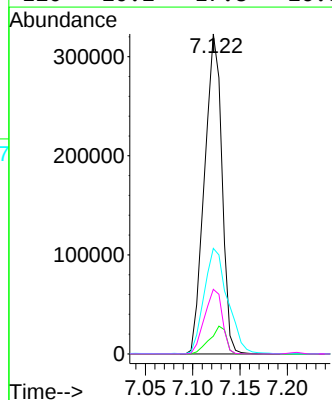
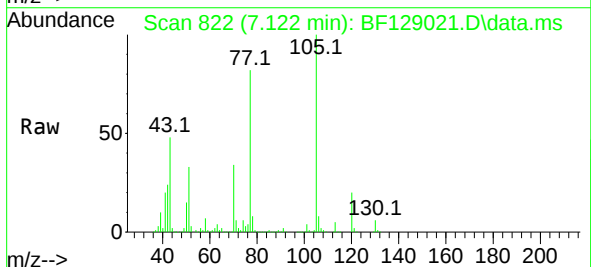
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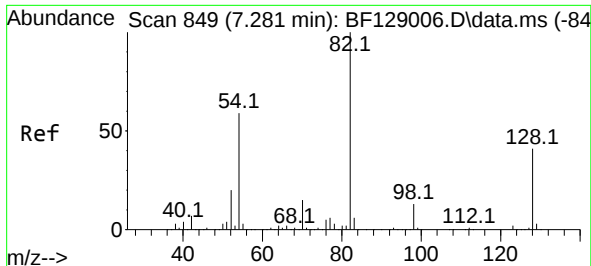
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#22
Acetophenone
Concen: 40.429 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:105 Resp: 413551
Ion Ratio Lower Upper
105 100
71 5.6 5.0 7.4
51 33.0 25.0 37.4
120 20.2 17.8 26.8





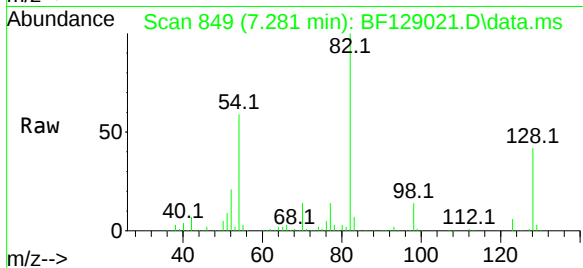
#23
Nitrobenzene-d5
Concen: 77.237 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS

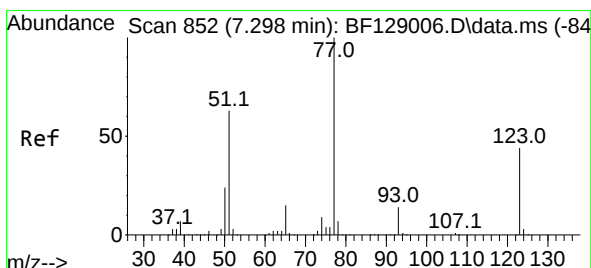
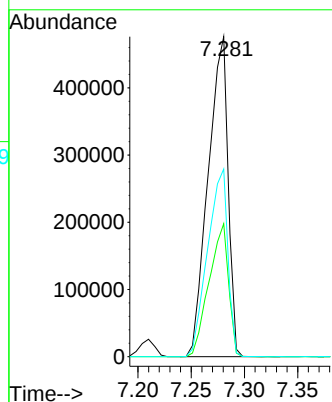
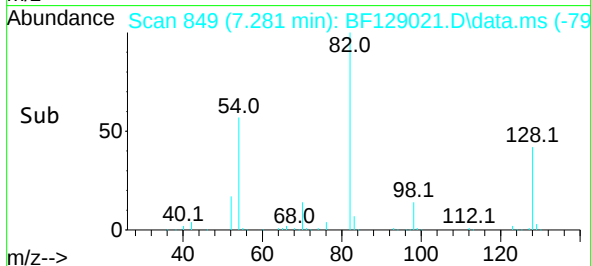


Tgt Ion: 82 Resp: 62182
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 58.6 46.9 70.3

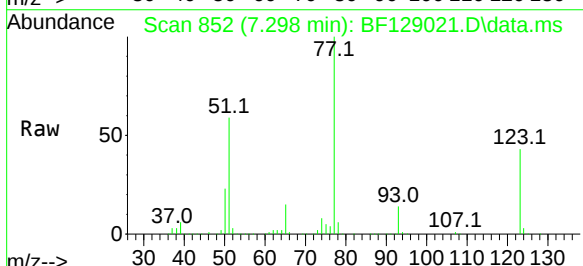
Manual Integrations

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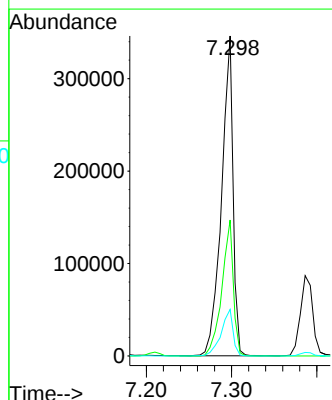
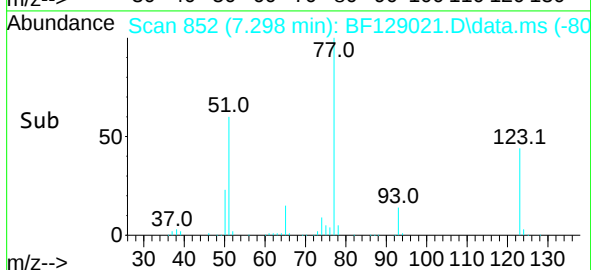
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

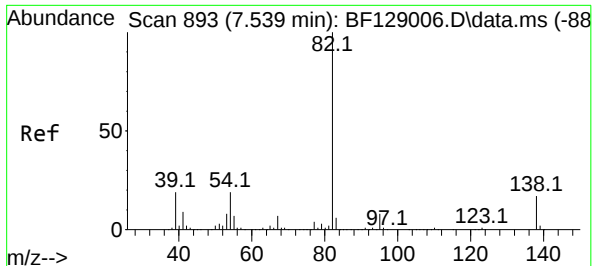


#24
Nitrobenzene
Concen: 43.538 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



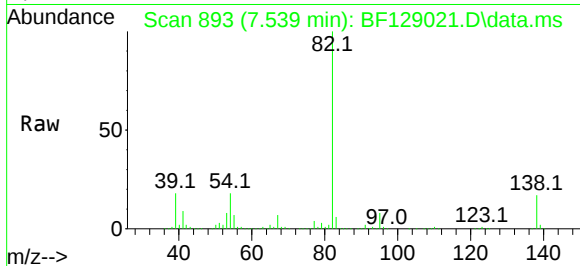
Tgt Ion: 77 Resp: 324405
Ion Ratio Lower Upper
77 100
123 42.5 35.4 53.2
65 14.5 11.8 17.8





#25
Isophorone
Concen: 45.817 ng
RT: 7.539 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

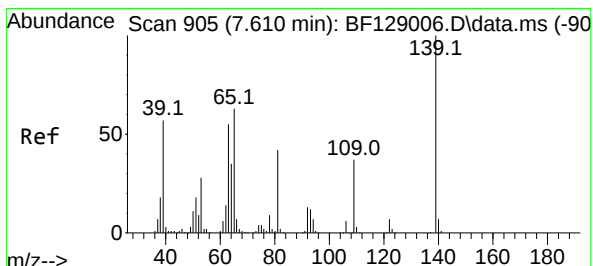
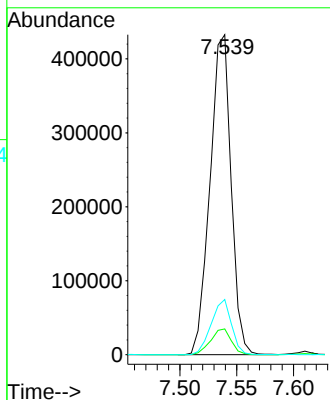
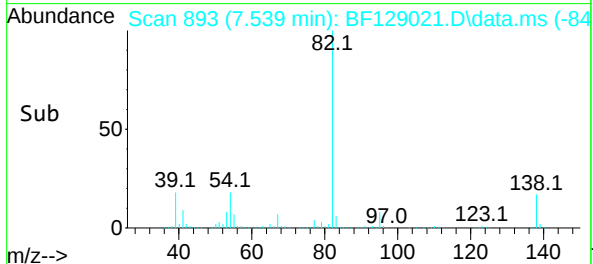
Instrument :
BNA_F
Client Sample Id :
PB145742BS



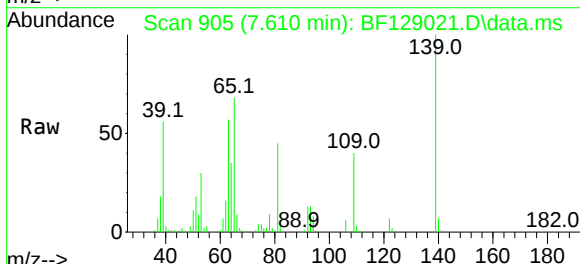
Tgt Ion: 82 Resp: 55904
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 17.2 14.2 21.2

Manual Integrations
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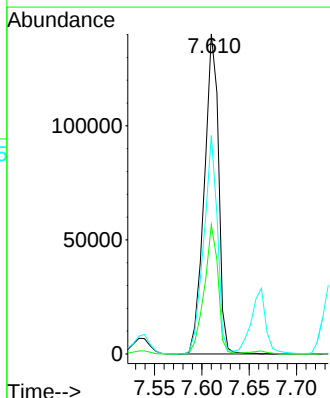
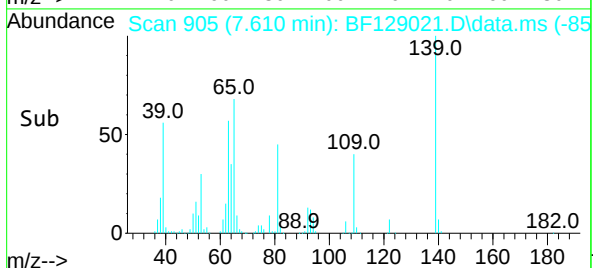
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

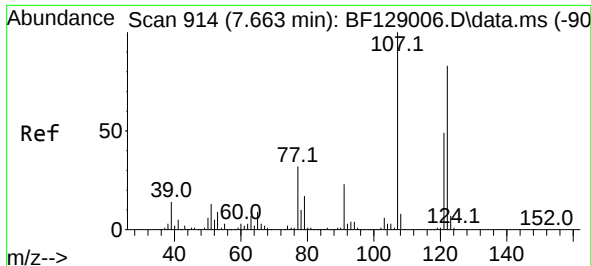


#26
2-Nitrophenol
Concen: 42.124 ng
RT: 7.610 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:139 Resp: 147343
Ion Ratio Lower Upper
139 100
109 40.4 25.0 37.4#
65 68.2 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 48.662 ng

RT: 7.663 min Scan# 914

Delta R.T. 0.000 min

Lab File: BF129021.D

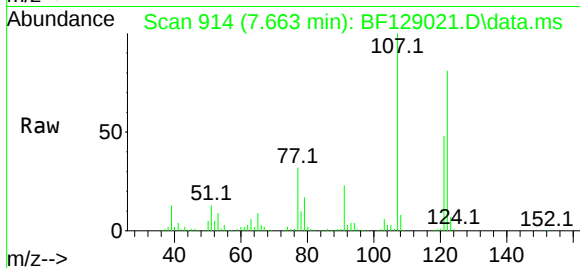
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS

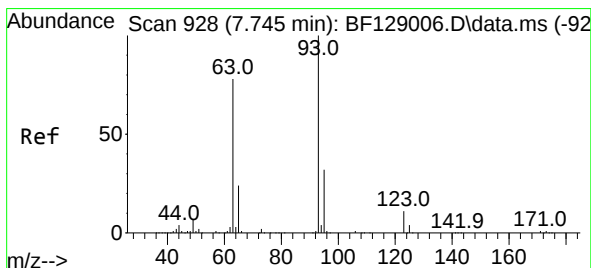
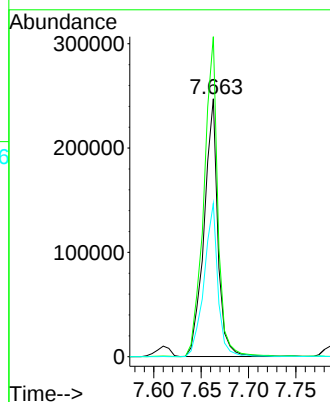


Tgt Ion:	122	Resp:	251014
Ion	Ratio	Lower	Upper
122	100		
107	124.0	93.0	139.6
121	59.4	46.6	70.0

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Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.099 ng

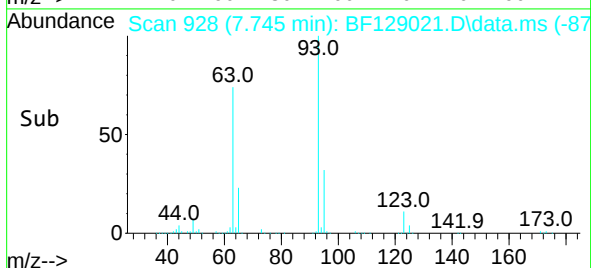
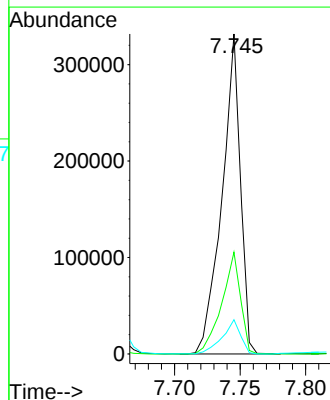
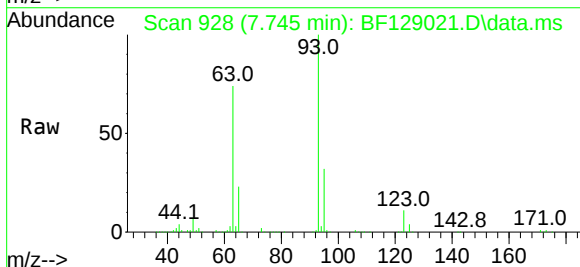
RT: 7.745 min Scan# 928

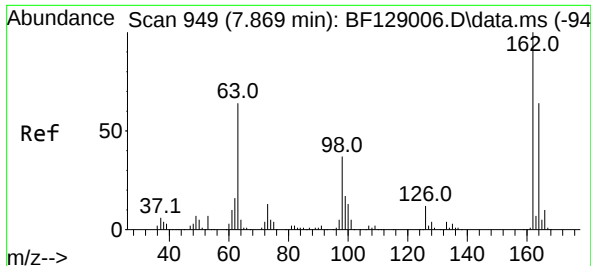
Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Tgt Ion:	93	Resp:	323919
Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.8	40.2
123	10.7	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.848 ng

RT: 7.863 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:162 Resp: 24253

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

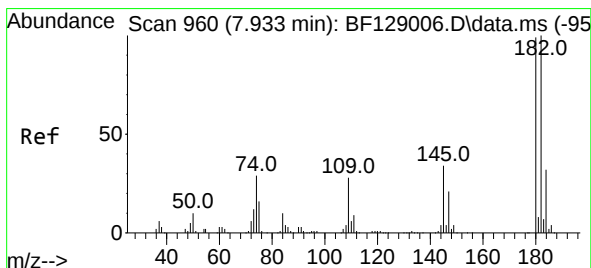
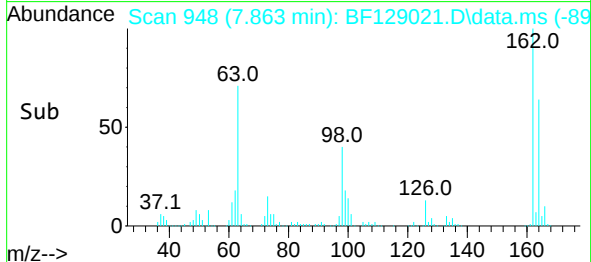
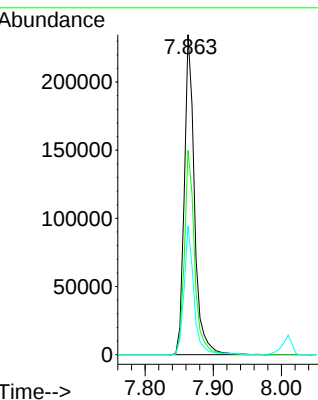
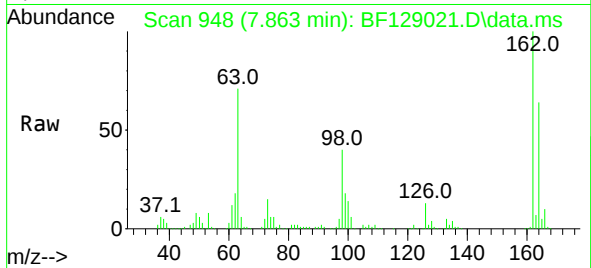
98 40.2 19.6 59.6

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.873 ng

RT: 7.933 min Scan# 960

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

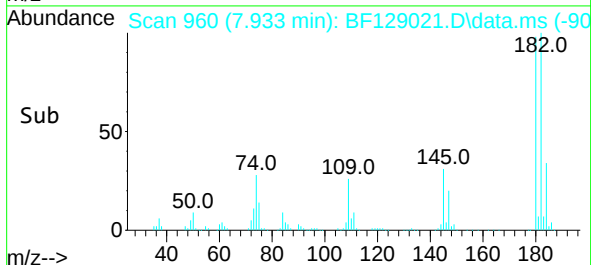
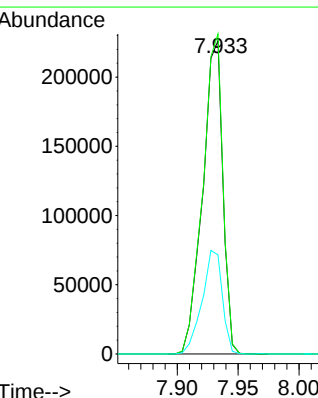
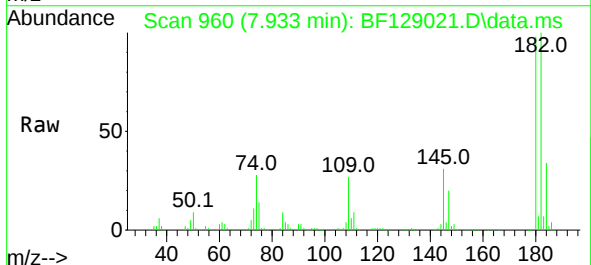
Tgt Ion:180 Resp: 261671

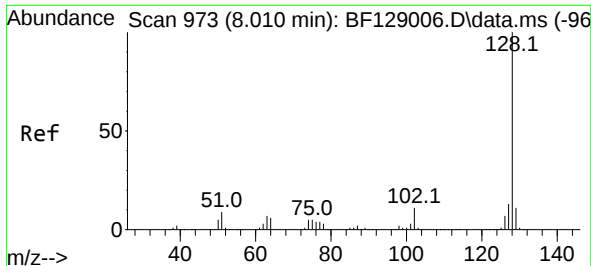
Ion Ratio Lower Upper

180 100

182 102.2 79.2 118.8

145 31.6 26.2 39.2





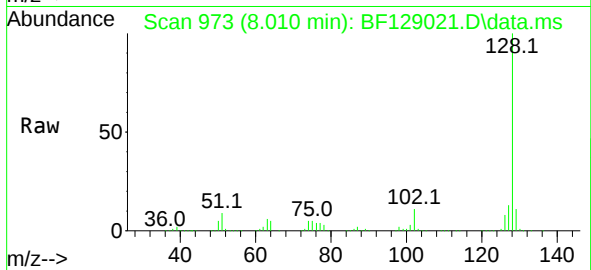
#31
Naphthalene
Concen: 42.091 ng
RT: 8.010 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

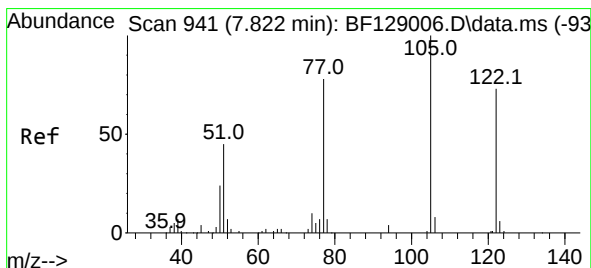
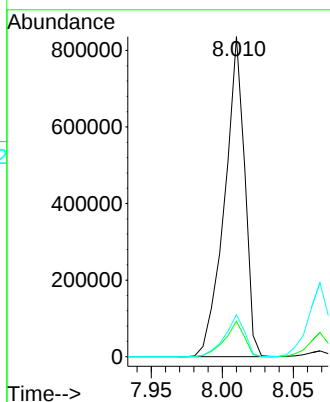
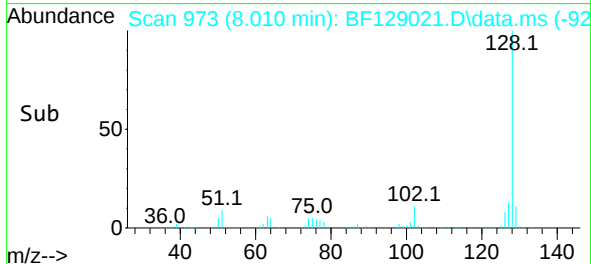
PB145742BS



Tgt Ion:128 Resp: 81937
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.5 15.7

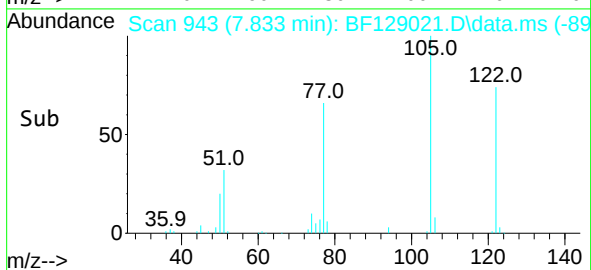
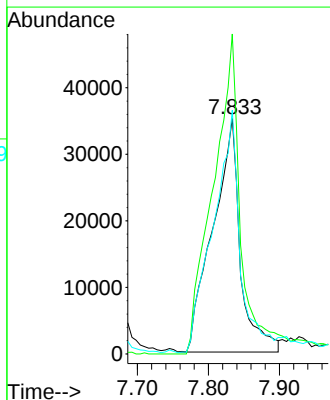
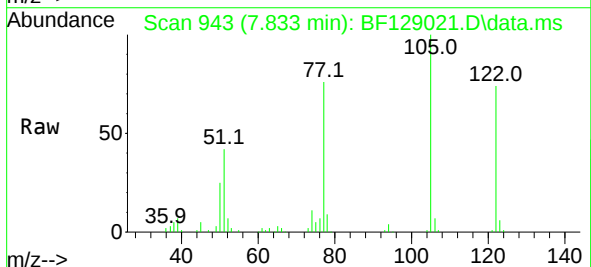
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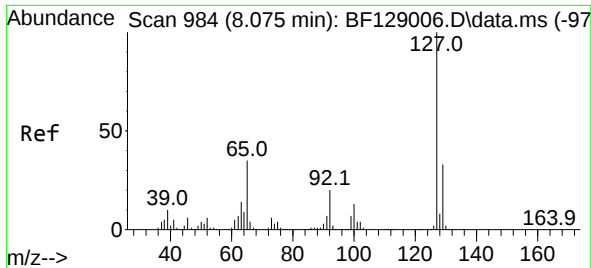
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#32
Benzoic acid
Concen: 41.249 ng
RT: 7.833 min Scan# 943
Delta R.T. 0.011 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:122 Resp: 94207
Ion Ratio Lower Upper
122 100
105 136.0 107.1 147.1
77 103.6 74.2 114.2





#33
4-Chloroaniline
Concen: 30.739 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

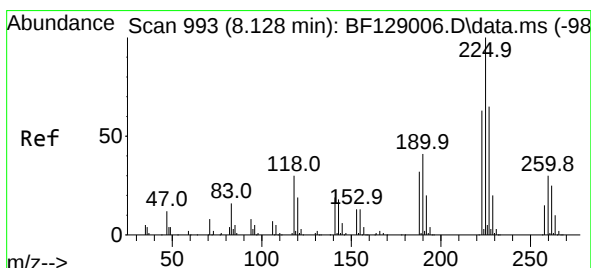
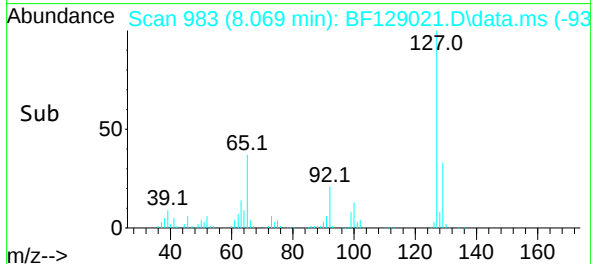
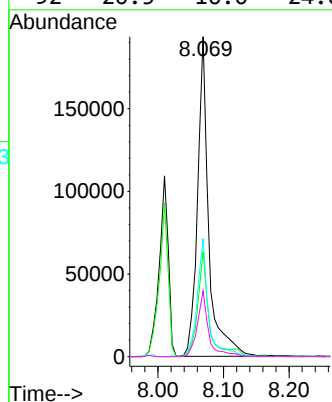
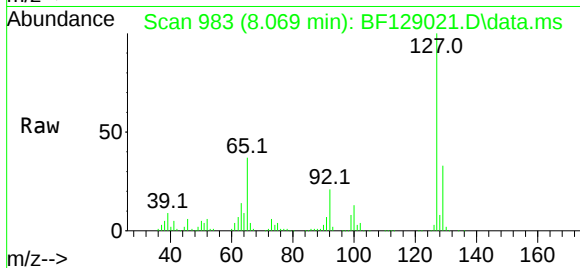
PB145742BS

Tgt Ion:	127	Resp:	230579
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.4	39.6
65	36.9	26.4	39.6
92	20.5	16.0	24.0

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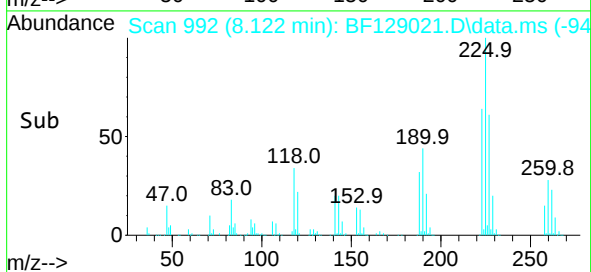
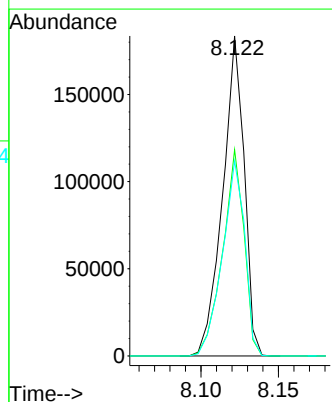
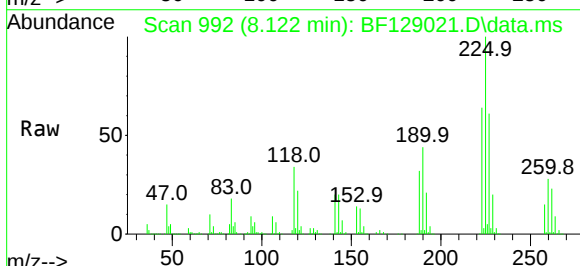
APPROVED

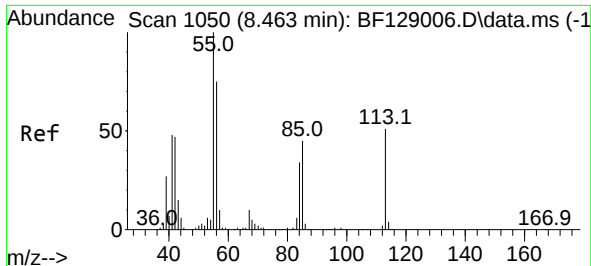
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#34
Hexachlorobutadiene
Concen: 43.010 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

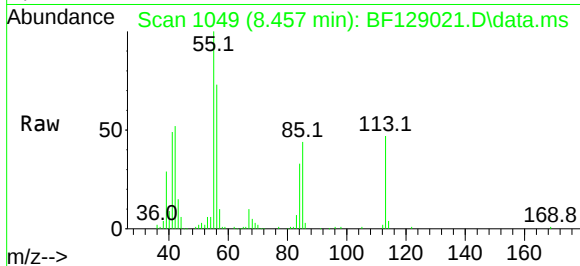
Tgt Ion:	225	Resp:	177124
Ion Ratio	Lower	Upper	
225	100		
223	64.4	51.0	76.6
227	60.9	51.1	76.7





#35
 Caprolactam
 Concen: 45.528 ng m
 RT: 8.457 min Scan# 1049
 Delta R.T. -0.006 min
 Lab File: BF129021.D
 Acq: 26 Jun 2022 23:20

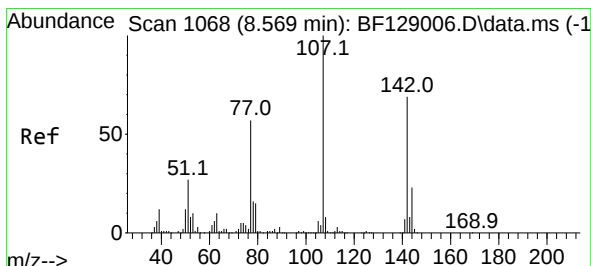
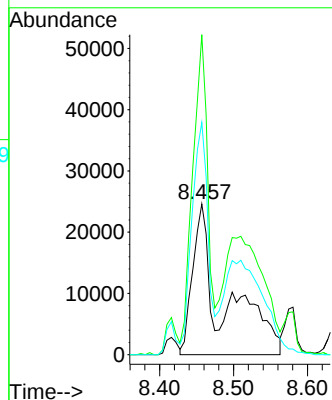
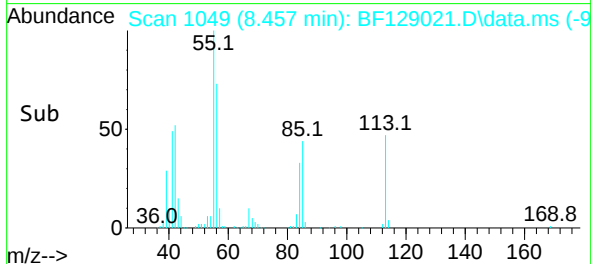
Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS



Tgt Ion:113 Resp: 71318
 Ion Ratio Lower Upper
 113 100
 55 212.3 188.5 228.5
 56 154.0 130.6 170.6

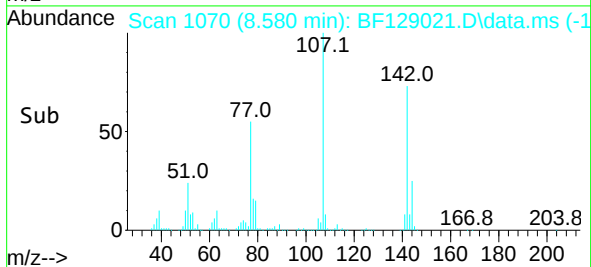
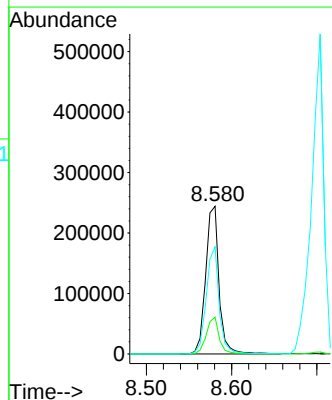
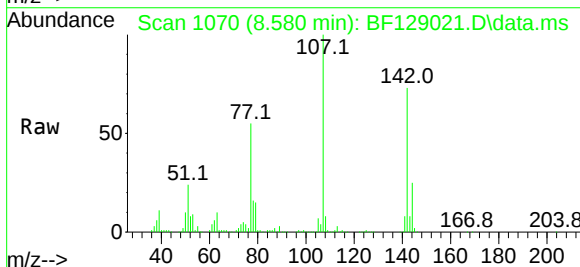
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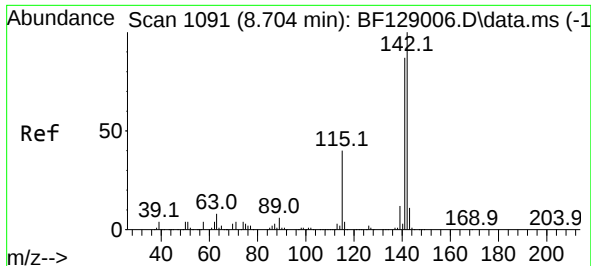
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022



#36
 4-Chloro-3-methylphenol
 Concen: 46.705 ng
 RT: 8.580 min Scan# 1070
 Delta R.T. 0.012 min
 Lab File: BF129021.D
 Acq: 26 Jun 2022 23:20

Tgt Ion:107 Resp: 266497
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 72.7 58.2 87.4





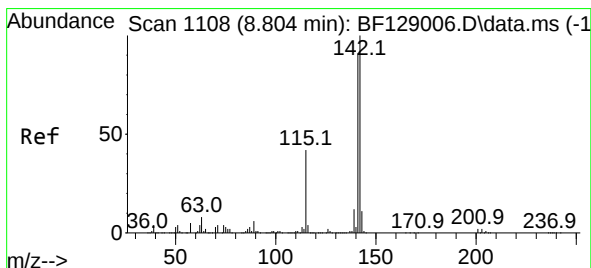
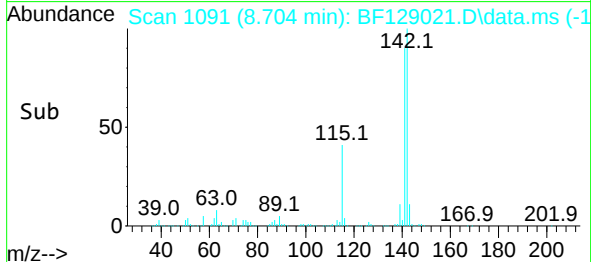
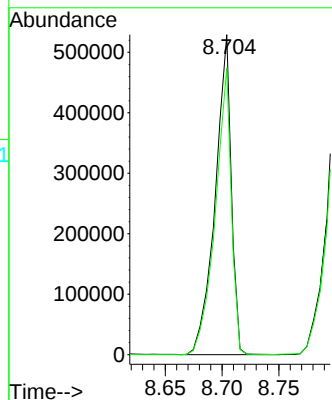
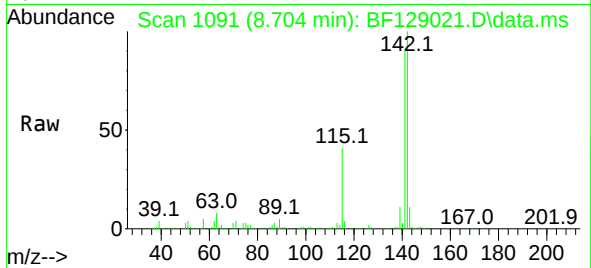
#37
2-Methylnaphthalene
Concen: 48.093 ng
RT: 8.704 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:142 Resp: 52240
Ion Ratio Lower Upper
142 100
141 89.7 71.0 106.4

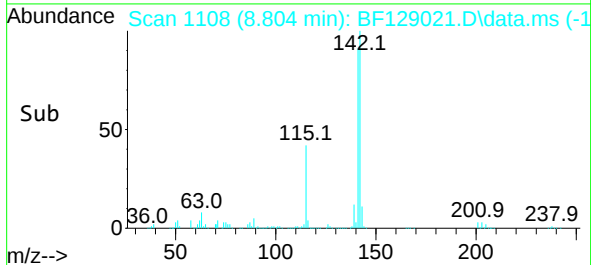
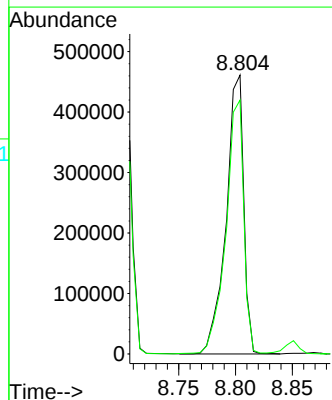
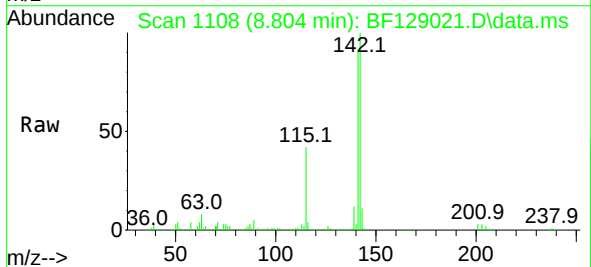
Manual Integrations
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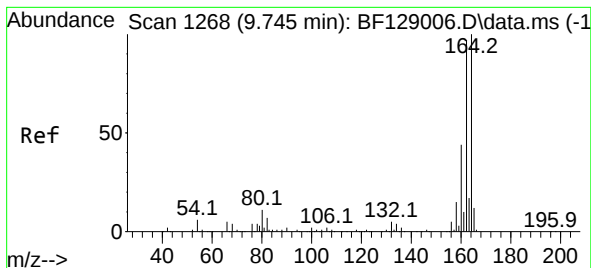
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#38
1-Methylnaphthalene
Concen: 47.795 ng
RT: 8.804 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:142 Resp: 498857
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129021.D

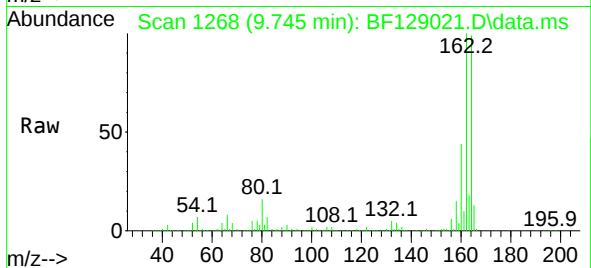
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS



Tgt Ion:164 Resp: 21796

Ion Ratio Lower Upper

164 100

162 101.2 79.5 119.3

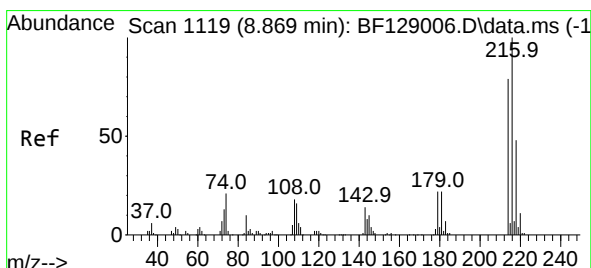
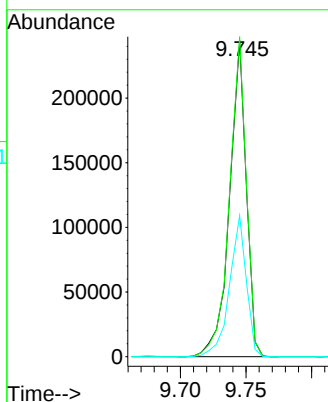
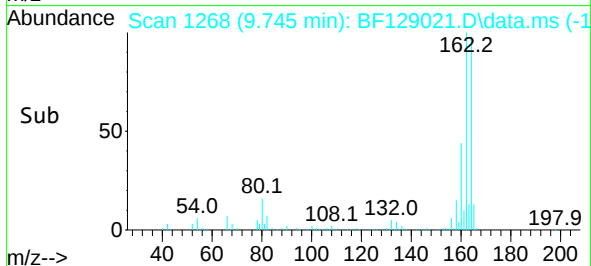
160 44.6 34.2 51.4

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.402 ng

RT: 8.869 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Tgt Ion:216 Resp: 274478

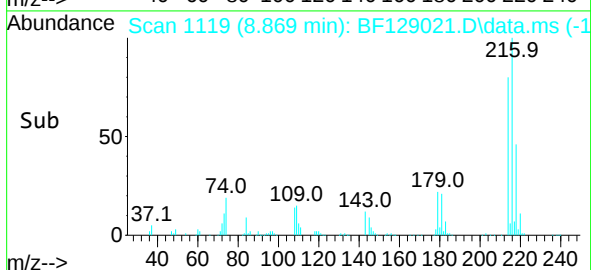
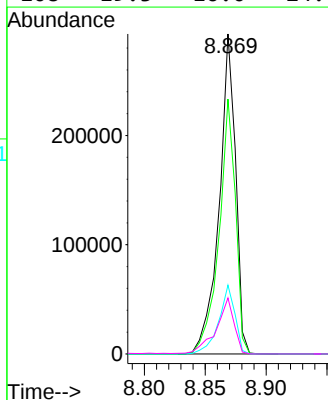
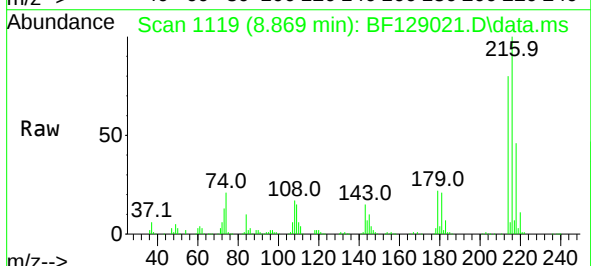
Ion Ratio Lower Upper

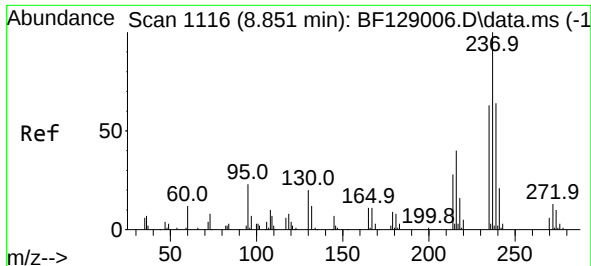
216 100

214 79.9 63.6 95.4

179 21.4 17.0 25.6

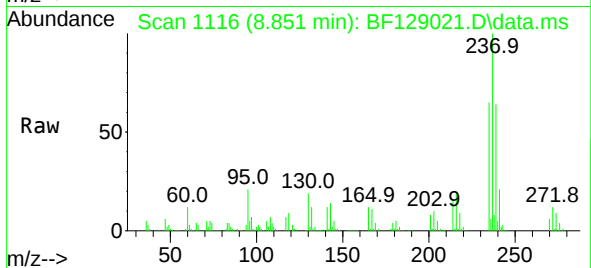
108 19.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 73.357 ng
RT: 8.851 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

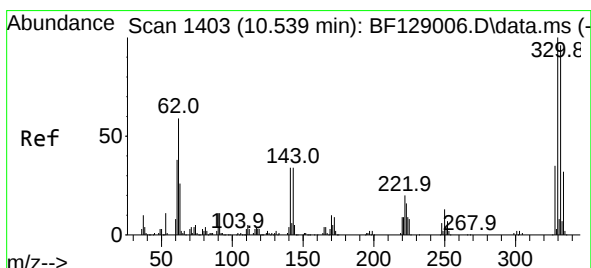
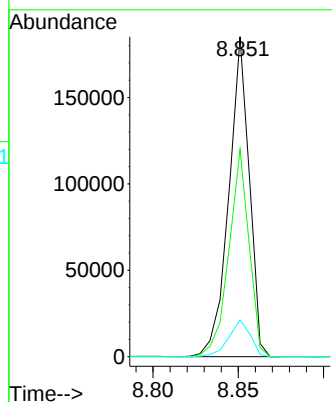
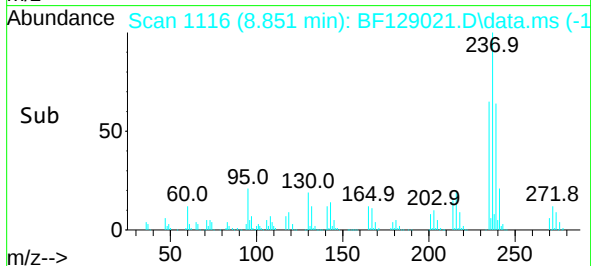
Instrument :
BNA_F
ClientSampleId :
PB145742BS



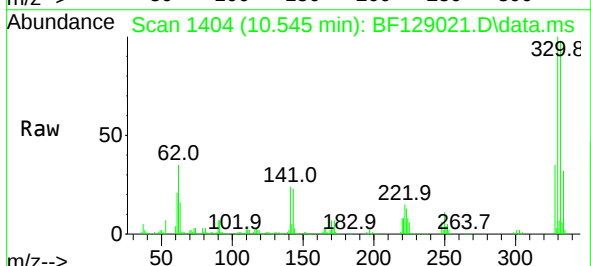
Tgt Ion: 237 Resp: 15472
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 11.5 0.0 31.9

Manual Integrations
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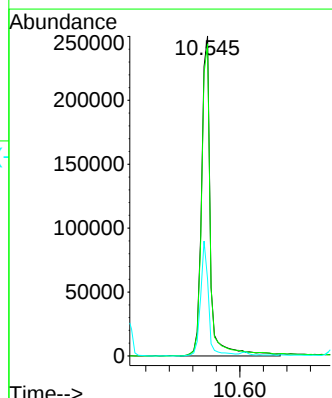
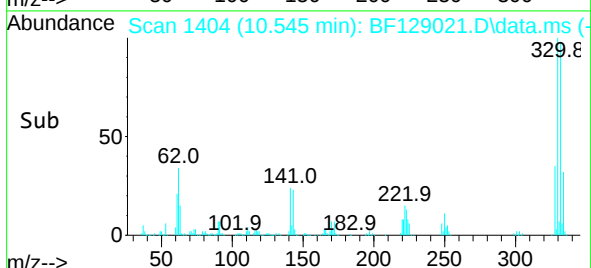
Reviewed By : Christian Giraldo 06/27/2022
Supervised By : Jagrut Upadhyay 06/27/2022

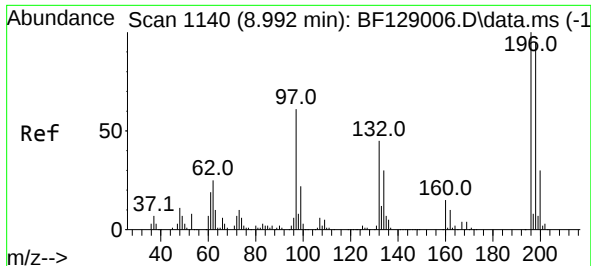


#42
2,4,6-Tribromophenol
Concen: 115.760 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



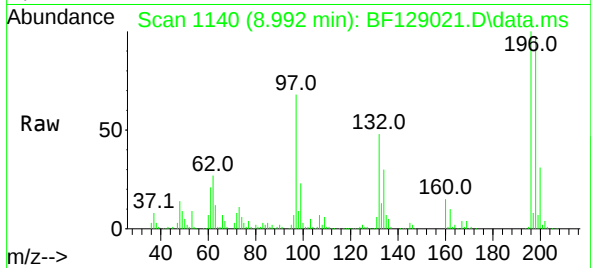
Tgt Ion: 330 Resp: 261959
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 32.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 38.274 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

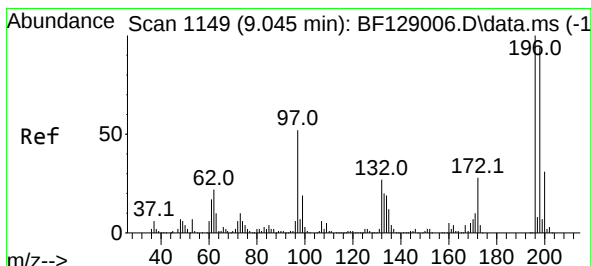
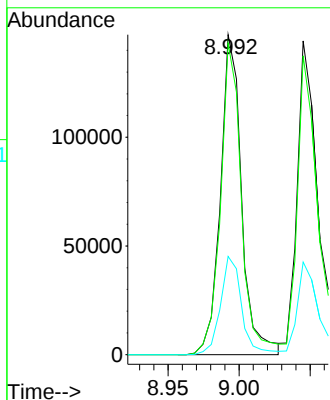
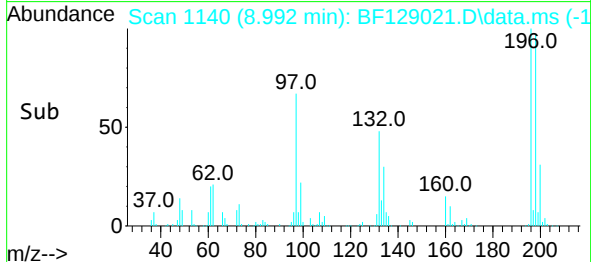
Instrument :
BNA_F
ClientSampleId :
PB145742BS



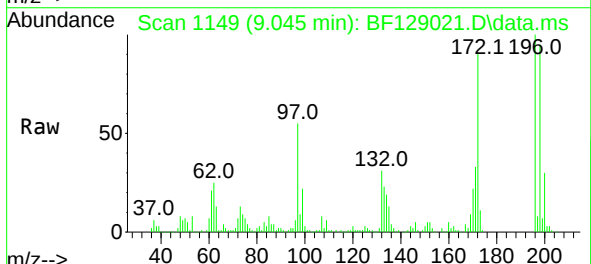
Tgt Ion:196 Resp: 15285
Ion Ratio Lower Upper
196 100
198 97.3 74.0 111.0
200 30.7 24.1 36.1

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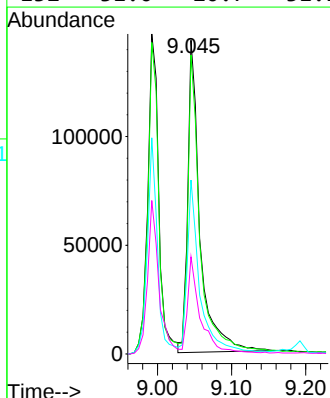
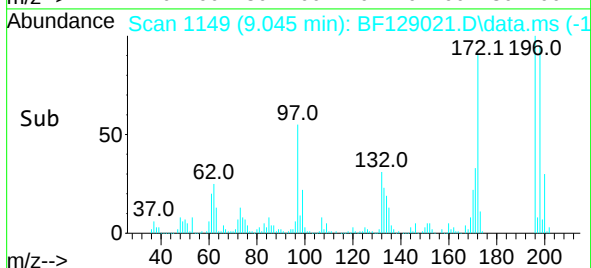
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

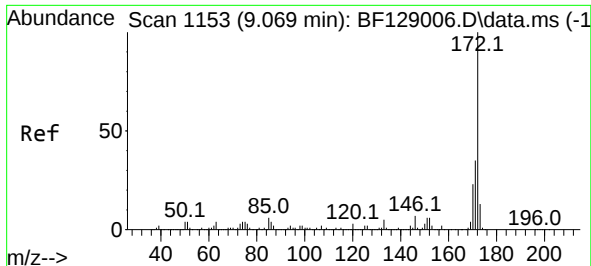


#44
2,4,5-Trichlorophenol
Concen: 39.885 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



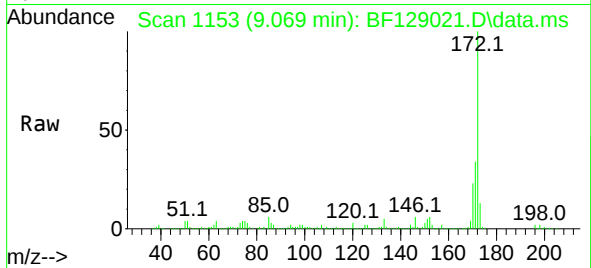
Tgt Ion:196 Resp: 165855
Ion Ratio Lower Upper
196 100
198 95.3 75.7 113.5
97 55.5 36.4 54.6#
132 31.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 77.601 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

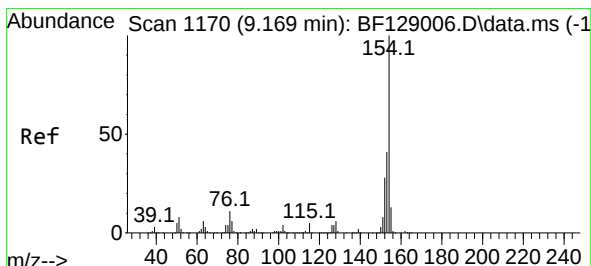
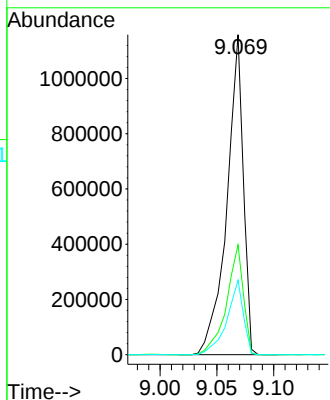
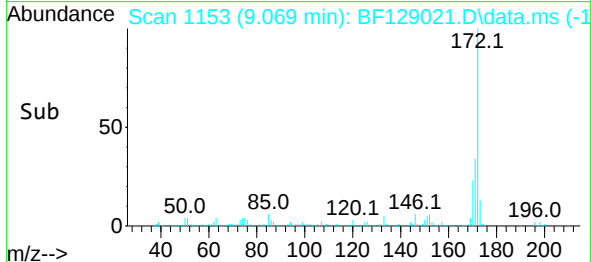
Instrument :
BNA_F
ClientSampleId :
PB145742BS



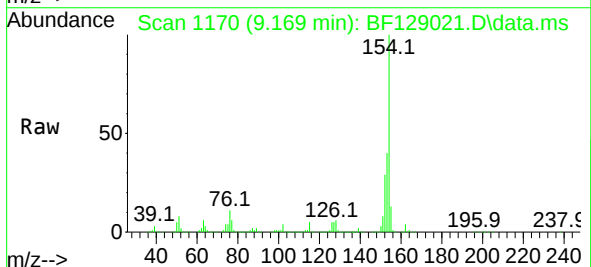
Tgt Ion:172 Resp: 116736
Ion Ratio Lower Upper
172 100
171 34.3 28.8 43.2
170 23.2 19.8 29.8

Manual Integrations
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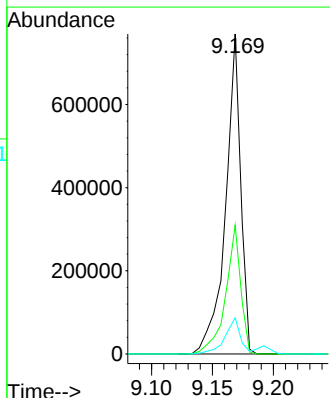
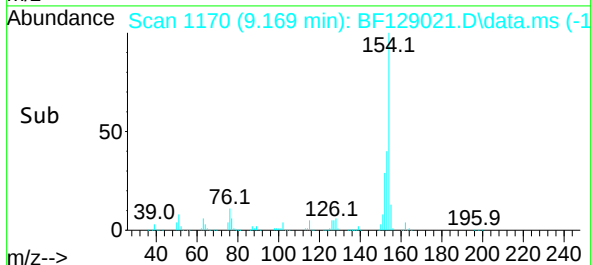
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

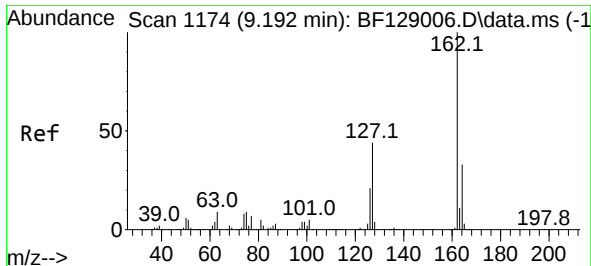


#46
1,1'-Biphenyl
Concen: 41.882 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:154 Resp: 663056
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 11.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.082 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

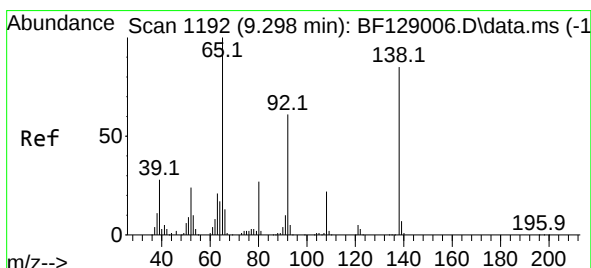
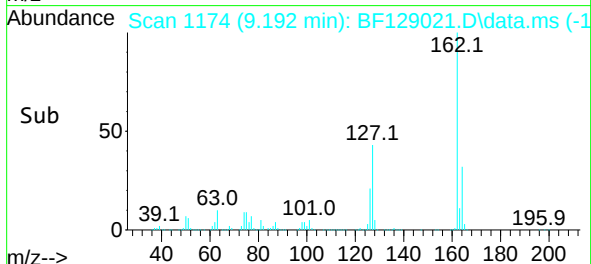
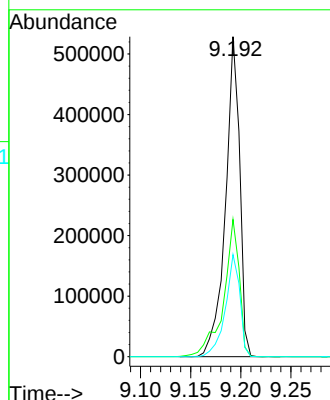
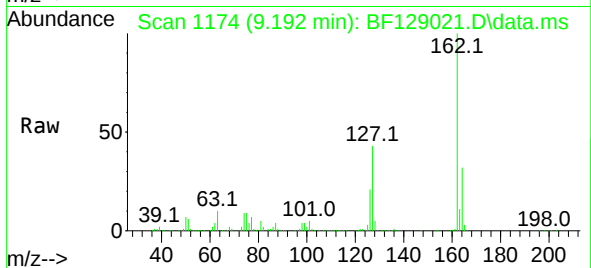
PB145742BS

Tgt Ion:162 Resp: 518470
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.5 51.7
 164 31.9 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022



#48

2-Nitroaniline

Concen: 42.483 ng

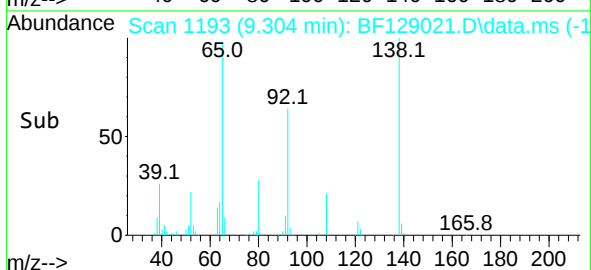
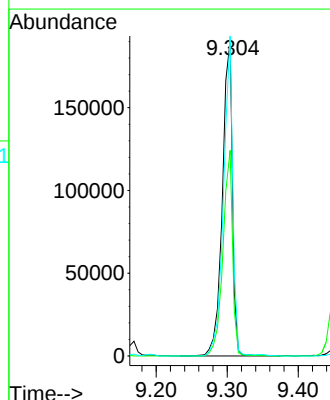
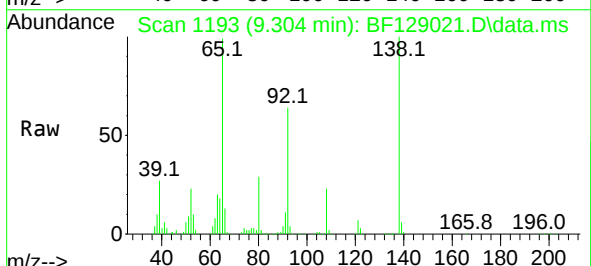
RT: 9.304 min Scan# 1193

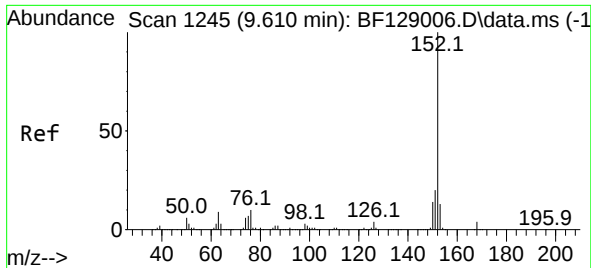
Delta R.T. 0.006 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Tgt Ion: 65 Resp: 186234
 Ion Ratio Lower Upper
 65 100
 92 65.2 51.9 77.9
 138 101.5 76.4 114.6





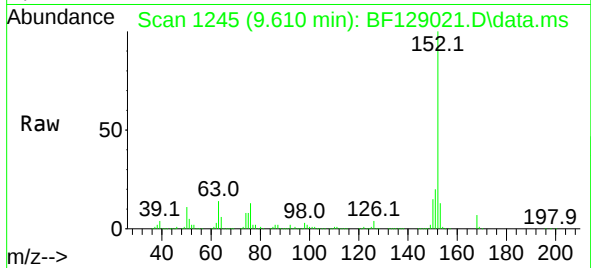
#49
Acenaphthylene
Concen: 43.585 ng
RT: 9.610 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

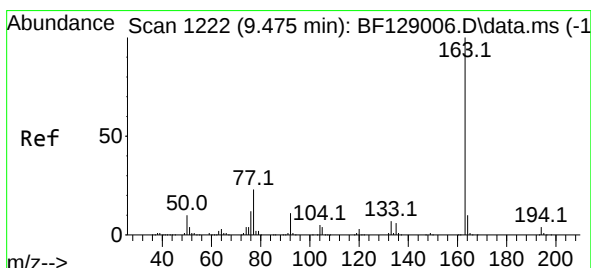
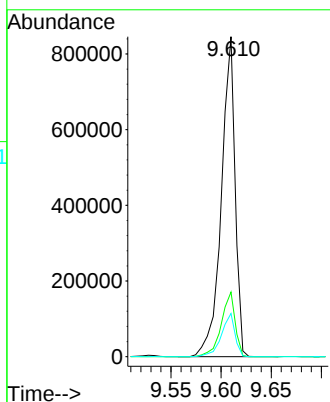
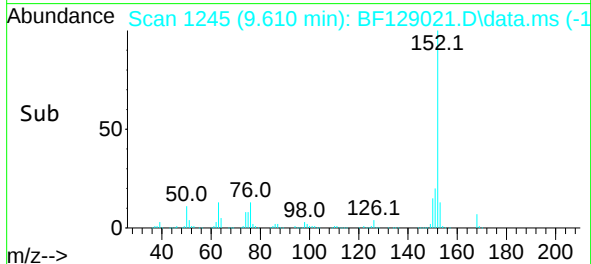
PB145742BS



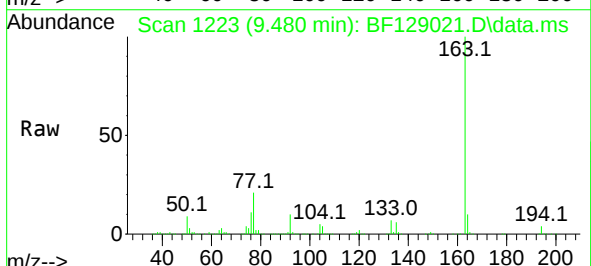
Tgt Ion:152 Resp: 806532
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.5 10.7 16.1

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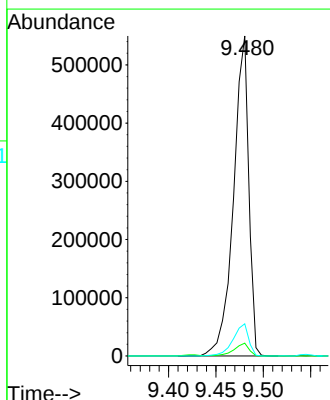
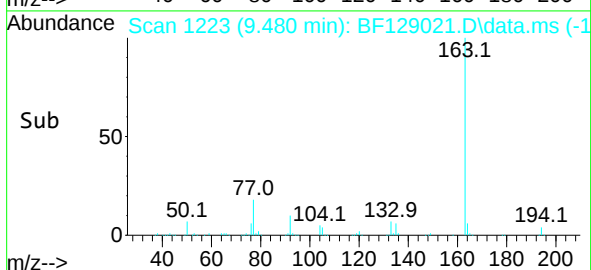
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

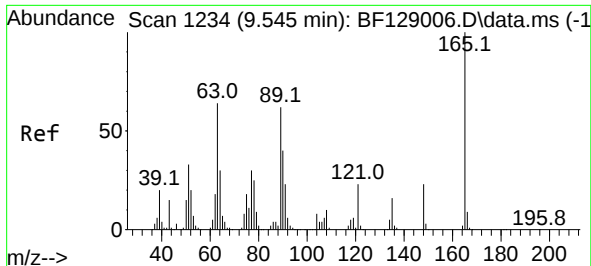


#50
Dimethylphthalate
Concen: 42.378 ng
RT: 9.480 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



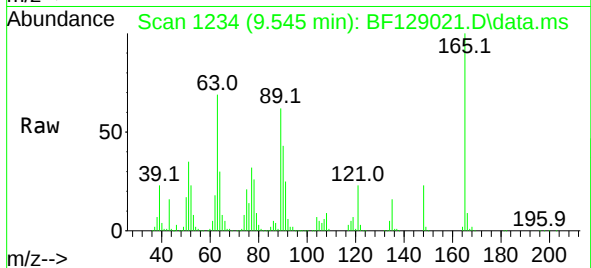
Tgt Ion:163 Resp: 613677
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.263 ng
RT: 9.545 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

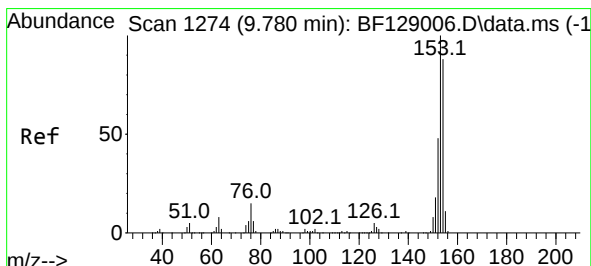
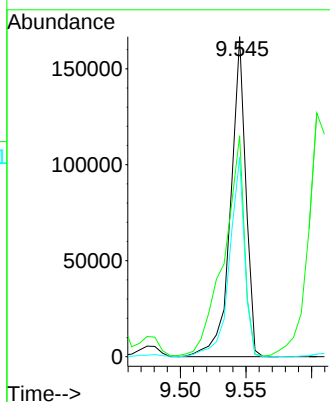
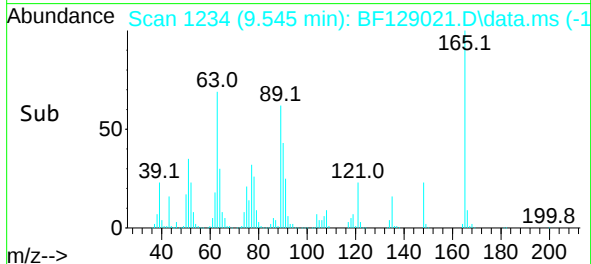
Instrument :
BNA_F
ClientSampleId :
PB145742BS



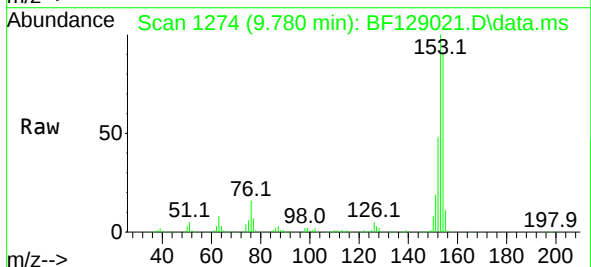
Tgt Ion:165 Resp: 134258
Ion Ratio Lower Upper
165 100
63 69.0 44.9 67.3
89 62.2 43.6 65.4

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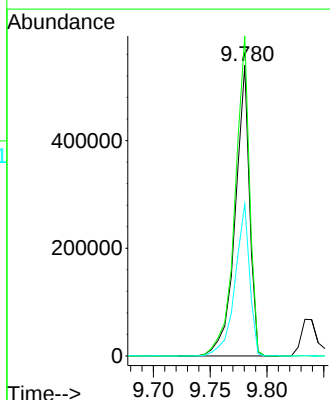
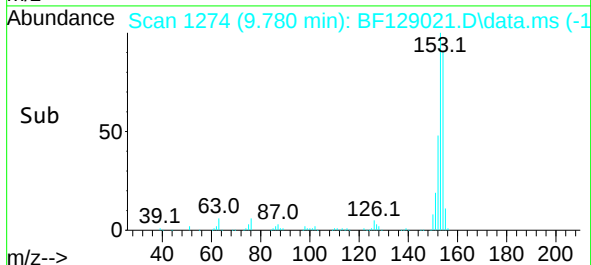
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

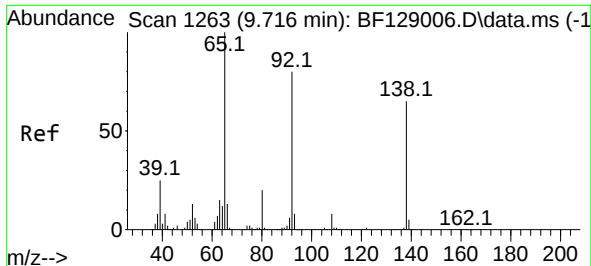


#52
Acenaphthene
Concen: 42.234 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



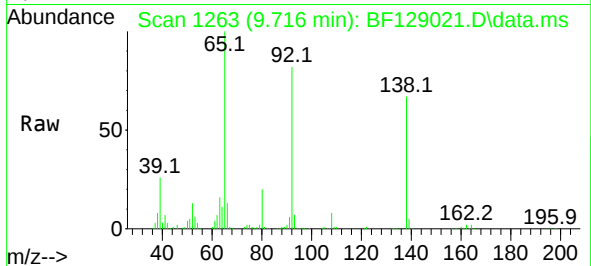
Tgt Ion:154 Resp: 472207
Ion Ratio Lower Upper
154 100
153 110.2 89.6 134.4
152 52.3 42.4 63.6





#53
3-Nitroaniline
Concen: 29.675 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

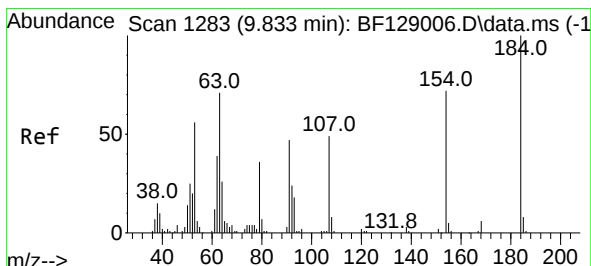
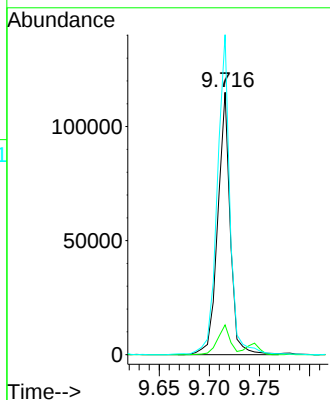
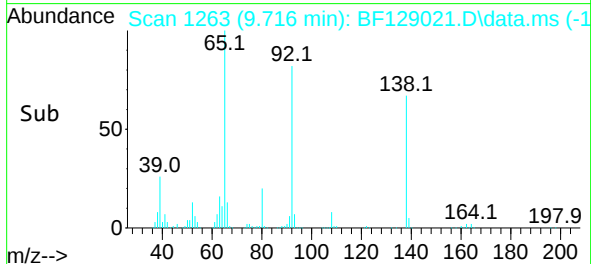
Instrument :
BNA_F
ClientSampleId :
PB145742BS



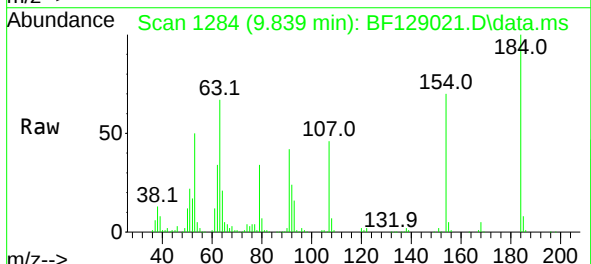
Tgt Ion:138 Resp: 99094
Ion Ratio Lower Upper
138 100
108 11.3 10.9 16.3
92 122.0 98.2 147.2

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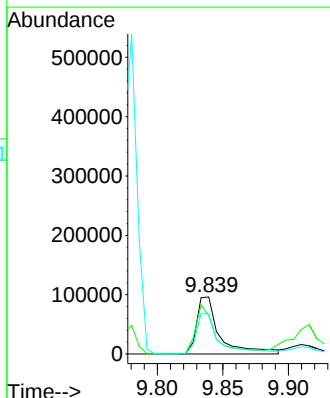
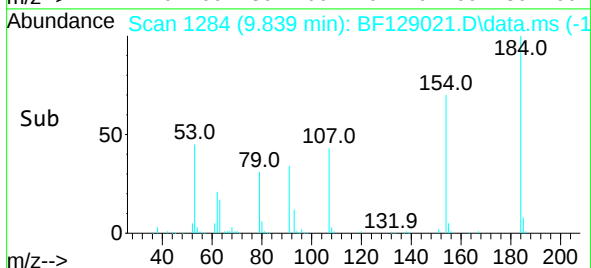
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

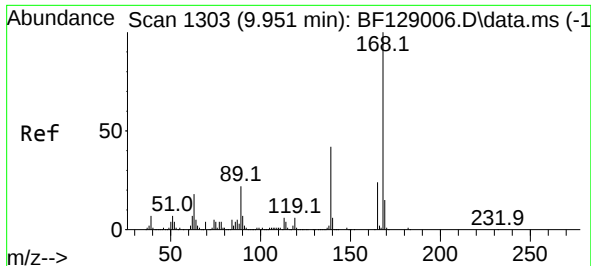


#54
2,4-Dinitrophenol
Concen: 79.573 ng
RT: 9.839 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:184 Resp: 117463
Ion Ratio Lower Upper
184 100
63 67.1 64.5 96.7
154 70.1 50.6 75.8





#55
Dibenzofuran
Concen: 39.937 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

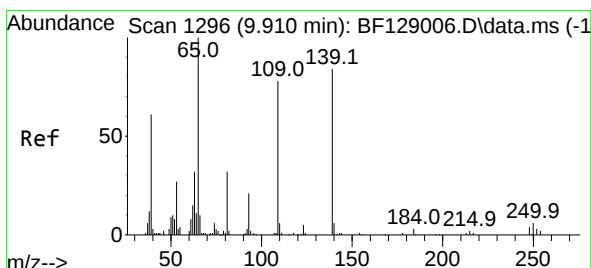
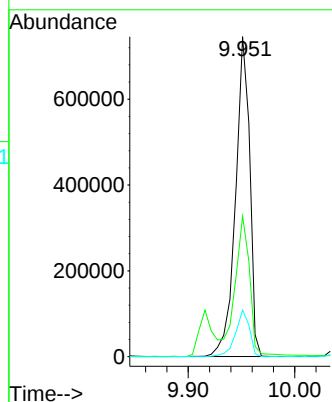
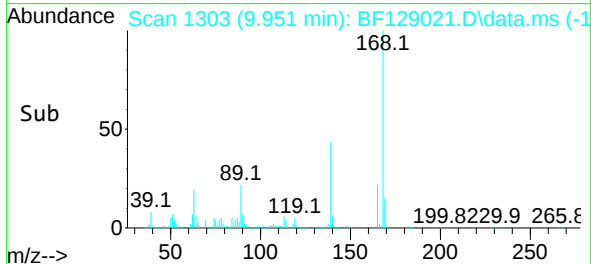
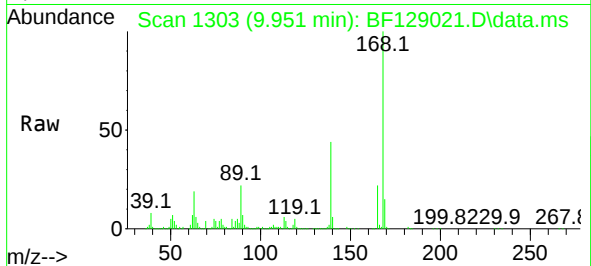
ClientSampleId :

PB145742BS

Tgt Ion:168 Resp: 691659
Ion Ratio Lower Upper
168 100
139 43.9 30.6 46.0
169 14.6 11.0 16.6

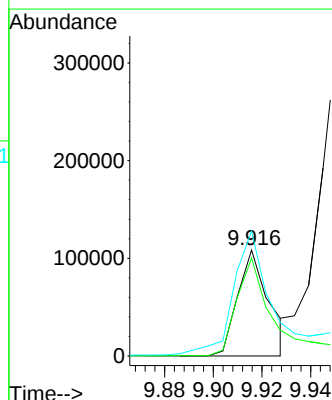
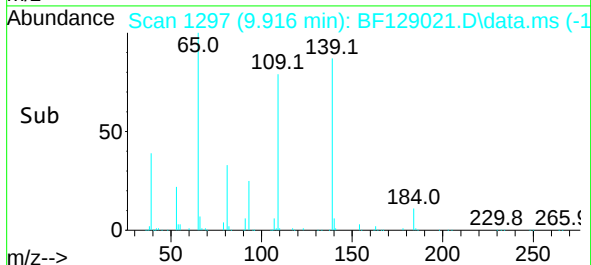
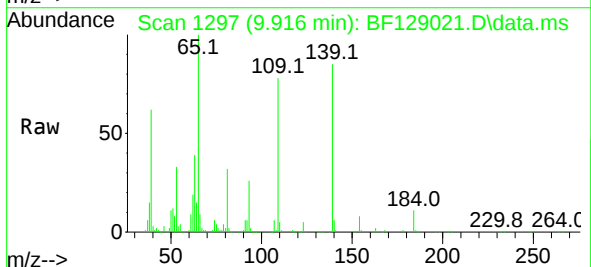
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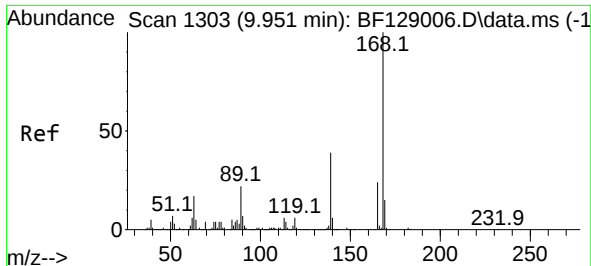
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#56
4-Nitrophenol
Concen: 80.504 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:139 Resp: 96428
Ion Ratio Lower Upper
139 100
109 92.4 50.7 90.7#
65 117.9 74.5 114.5#





#57

2,4-Dinitrotoluene

Concen: 44.202 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.006 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS

Tgt Ion:165 Resp: 17626

Ion Ratio Lower Upper

165 100

63 58.8 39.8 59.6

89 78.2 60.2 90.2

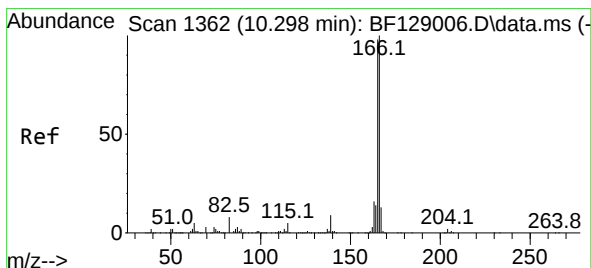
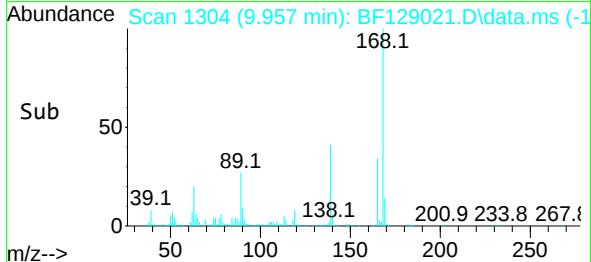
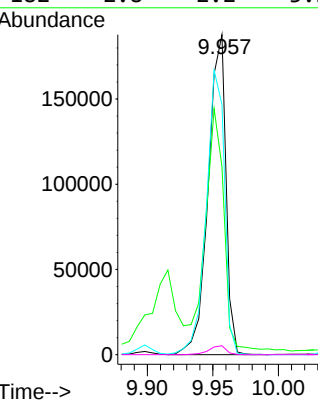
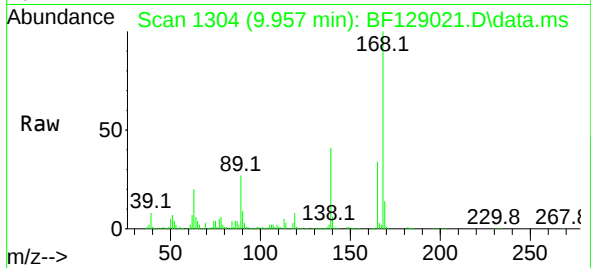
182 2.8 2.2 3.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#58

Fluorene

Concen: 42.125 ng

RT: 10.298 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

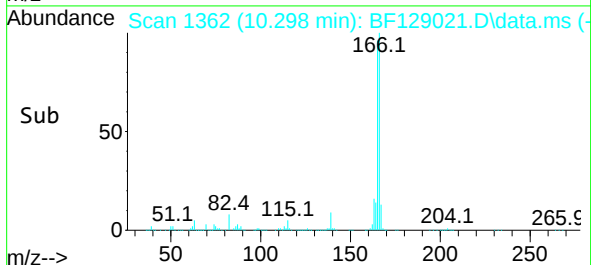
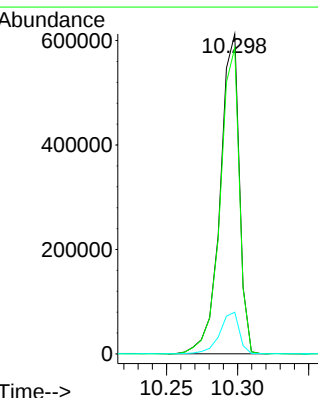
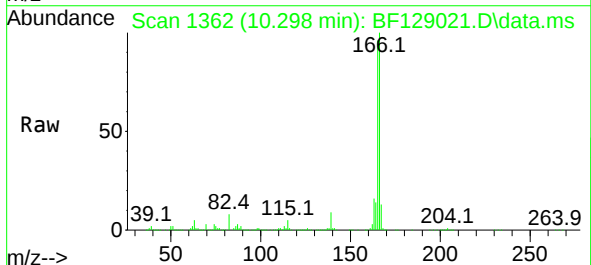
Tgt Ion:166 Resp: 574281

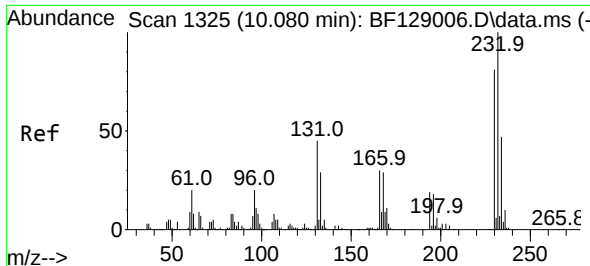
Ion Ratio Lower Upper

166 100

165 95.6 78.1 117.1

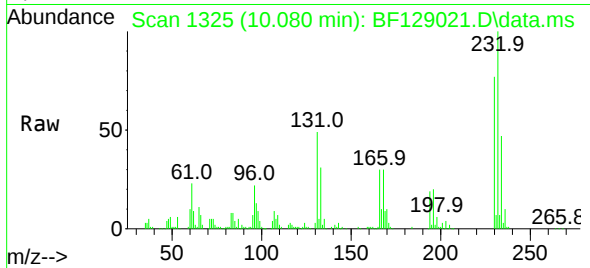
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.622 ng
RT: 10.080 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

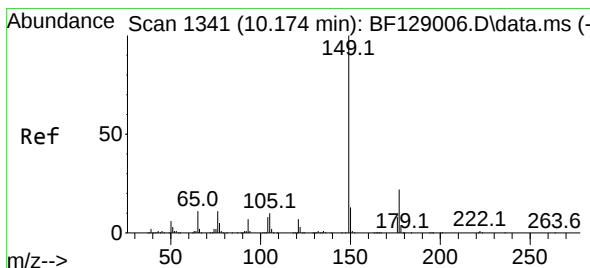
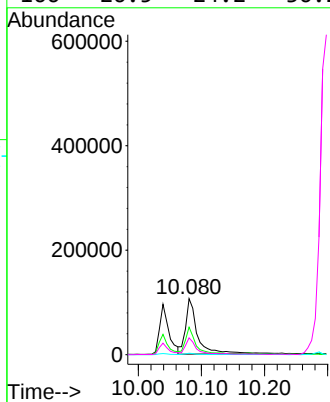
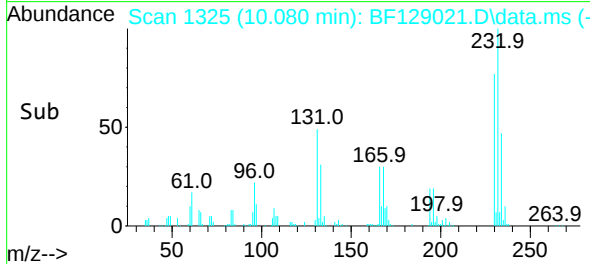
Instrument :
BNA_F
ClientSampleId :
PB145742BS



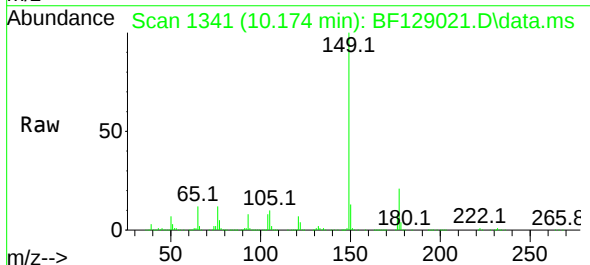
Tgt Ion:232 Resp: 138234
Ion Ratio Lower Upper
232 100
131 44.2 36.1 54.1
130 2.0 1.8 2.8
166 26.5 24.2 36.2

Manual Integrations
APPROVED

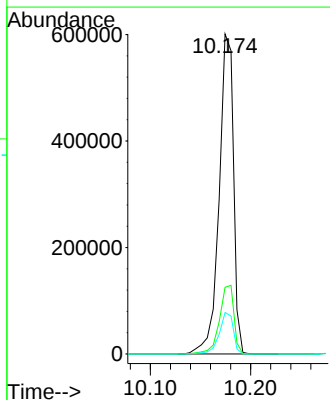
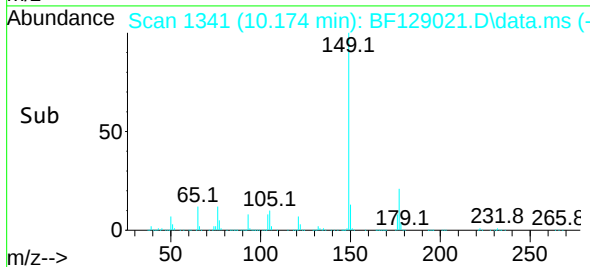
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

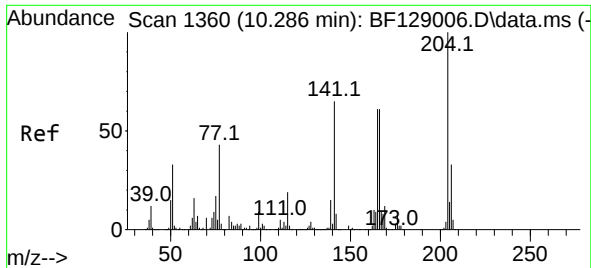


#60
Diethylphthalate
Concen: 42.382 ng
RT: 10.174 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



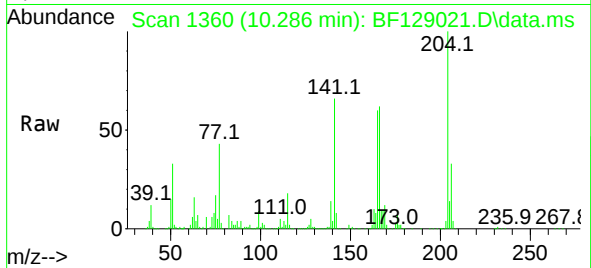
Tgt Ion:149 Resp: 597376
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.430 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

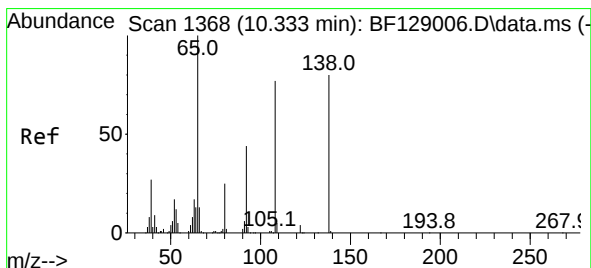
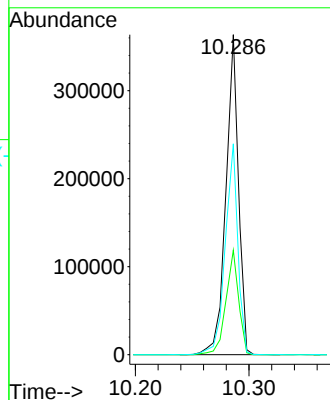
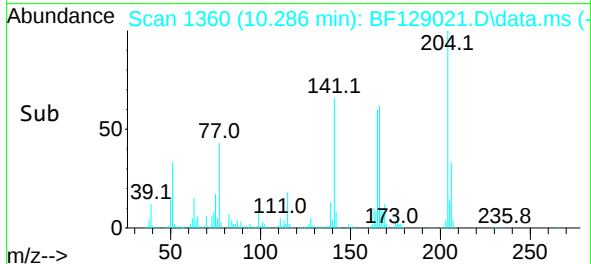
Instrument :
BNA_F
ClientSampleId :
PB145742BS



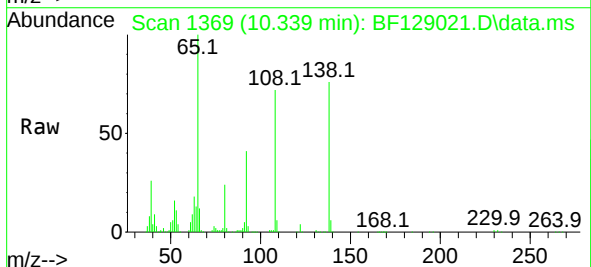
Tgt Ion:204 Resp: 281090
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 65.9 47.0 70.4

Manual Integrations
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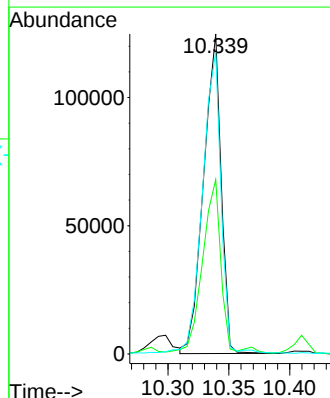
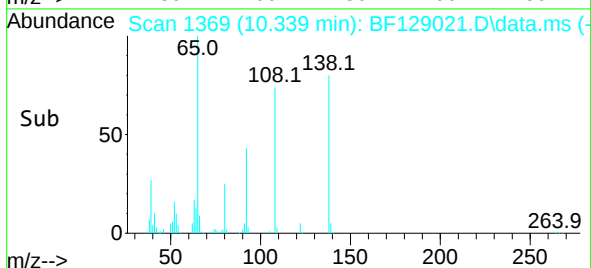
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

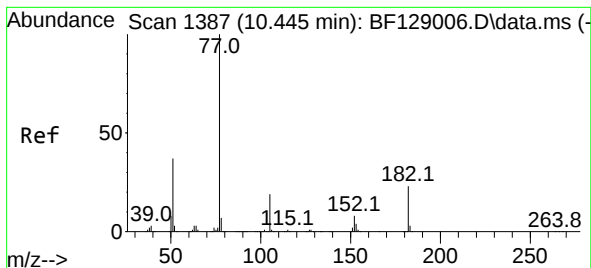


#62
4-Nitroaniline
Concen: 39.773 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



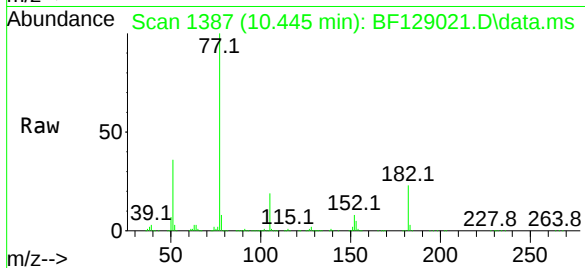
Tgt Ion:138 Resp: 125379
Ion Ratio Lower Upper
138 100
92 54.5 33.5 73.5
108 94.4 61.0 101.0





#63
Azobenzene
Concen: 40.803 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

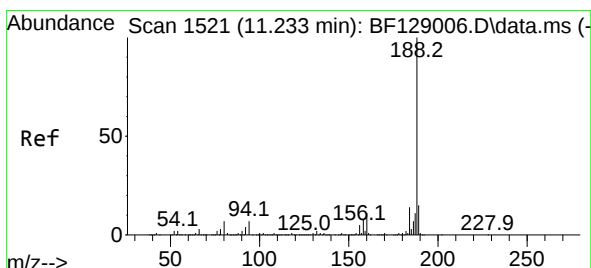
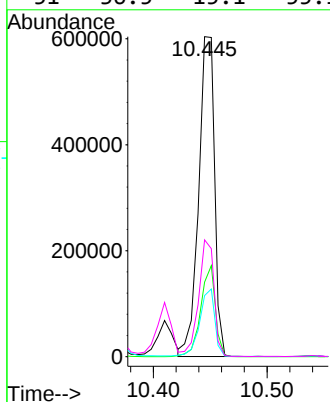
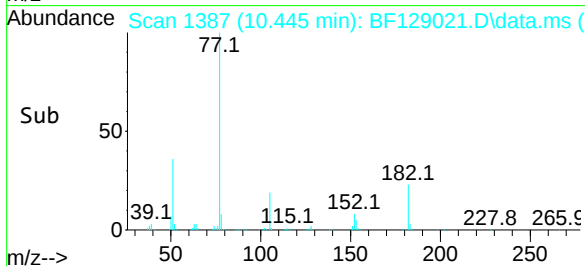
Instrument :
BNA_F
ClientSampleId :
PB145742BS



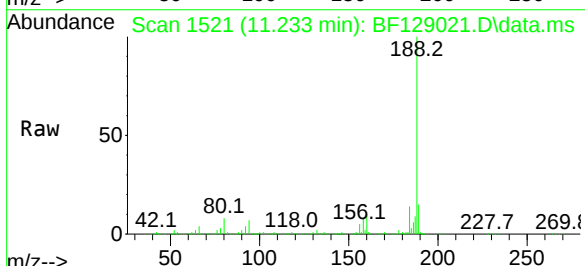
Tgt Ion: 77 Resp: 588972
Ion Ratio Lower Upper
77 100
182 23.3 5.6 45.6
105 19.1 1.6 41.6
51 36.5 15.1 55.1

Manual Integrations
APPROVED

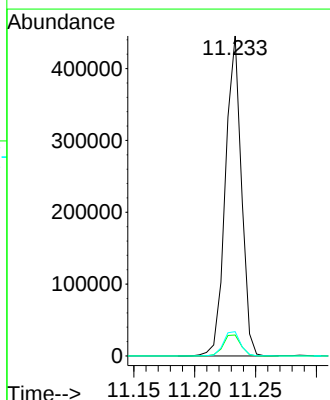
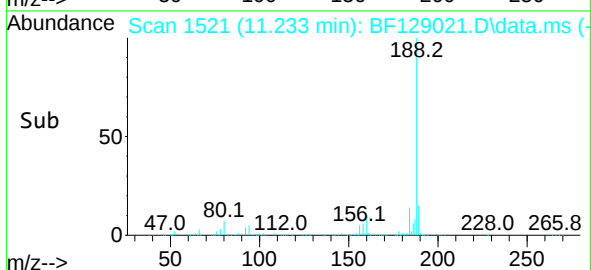
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

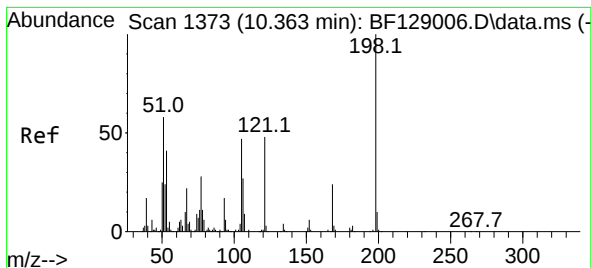


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:188 Resp: 405803
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.6 7.6 11.4





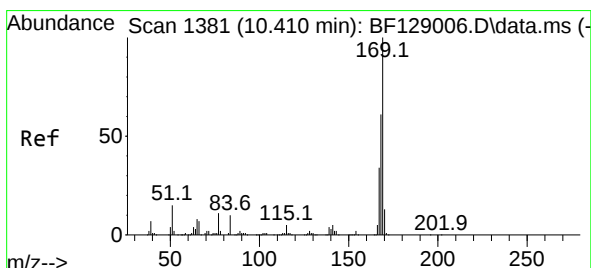
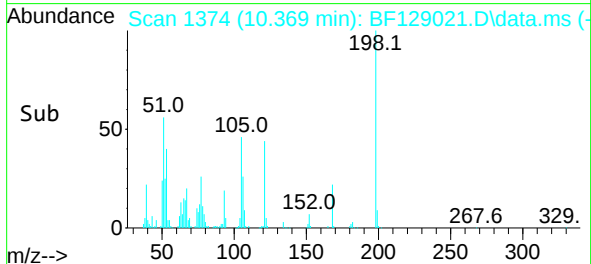
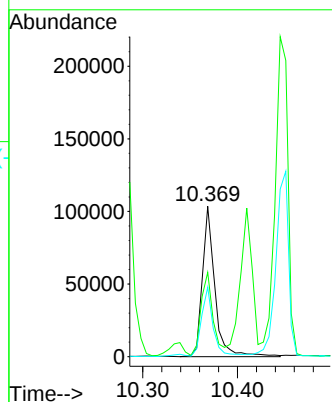
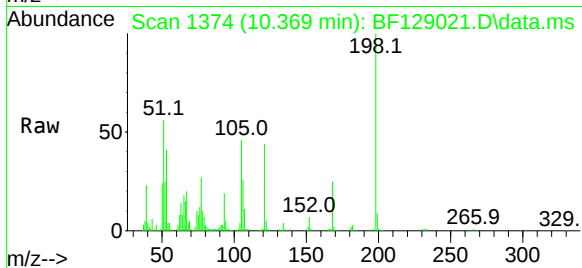
#65
4,6-Dinitro-2-methylphenol
Concen: 40.738 ng
RT: 10.369 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:198 Resp: 94738
Ion Ratio Lower Upper
198 100
51 56.1 37.6 77.6
105 46.1 27.0 67.0

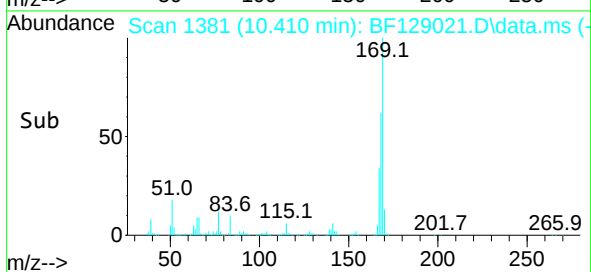
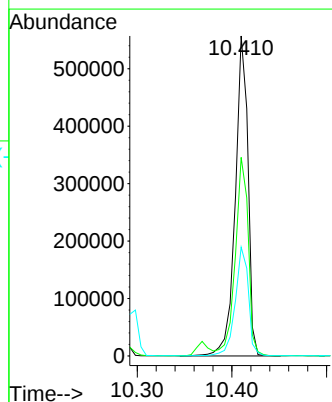
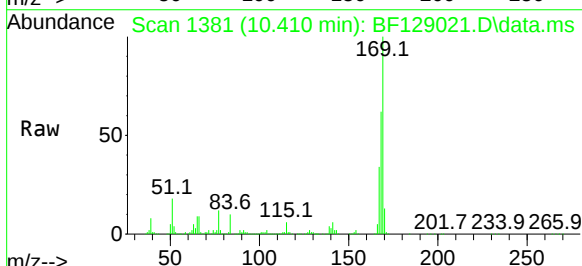
Manual Integrations
APPROVED

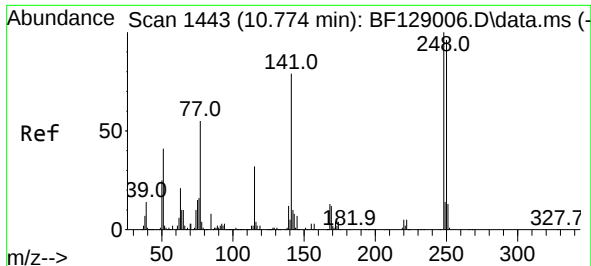
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#66
n-Nitrosodiphenylamine
Concen: 41.626 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:169 Resp: 519218
Ion Ratio Lower Upper
169 100
168 62.1 50.1 75.1
167 34.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 41.237 ng
RT: 10.774 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

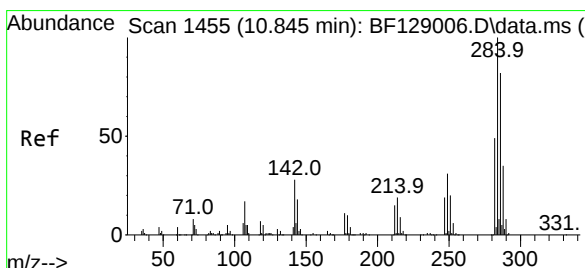
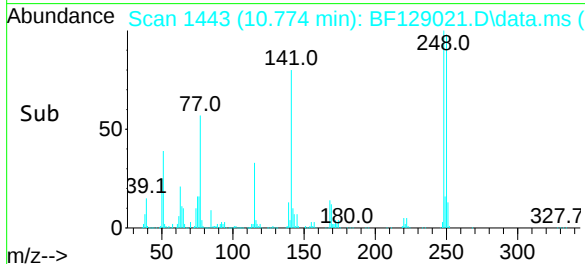
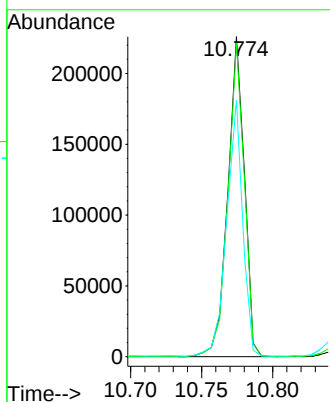
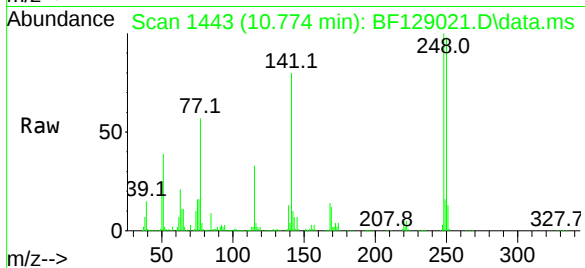
PB145742BS

Tgt Ion:248 Resp: 18363
Ion Ratio Lower Upper
248 100
250 98.0 80.6 120.8
141 80.2 58.9 88.3

Manual Integrations

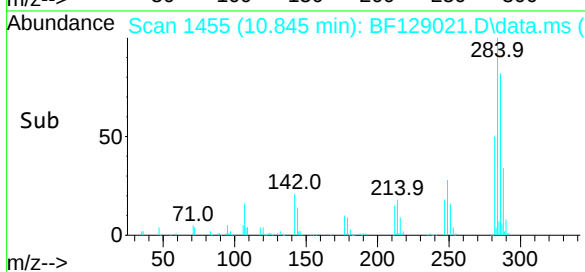
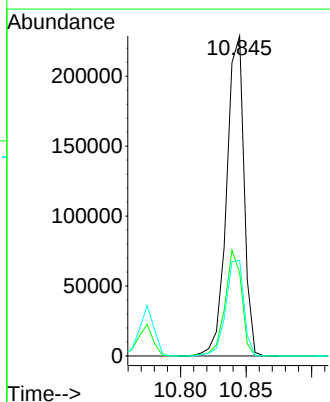
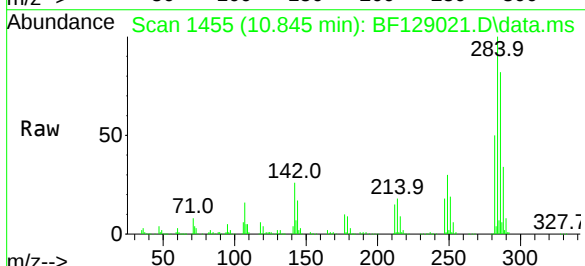
APPROVED

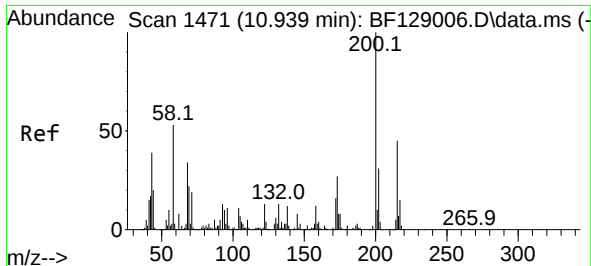
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#68
Hexachlorobenzene
Concen: 43.053 ng
RT: 10.845 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:284 Resp: 211203
Ion Ratio Lower Upper
284 100
142 26.0 29.0 43.4#
249 29.9 25.0 37.6





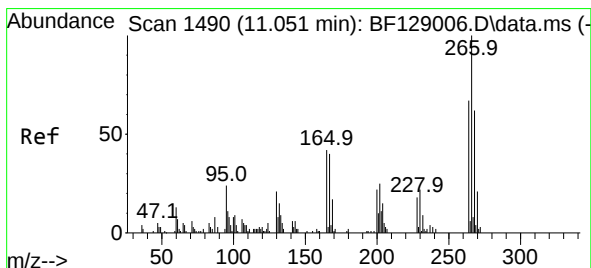
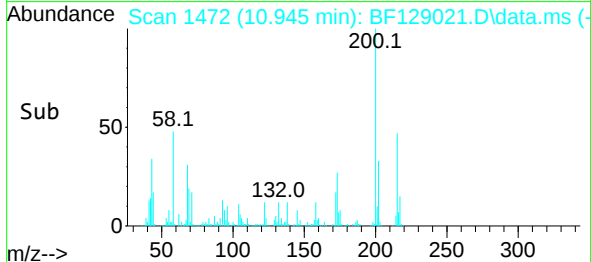
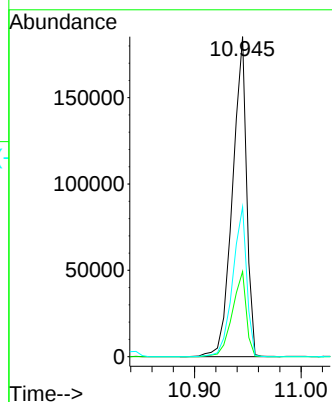
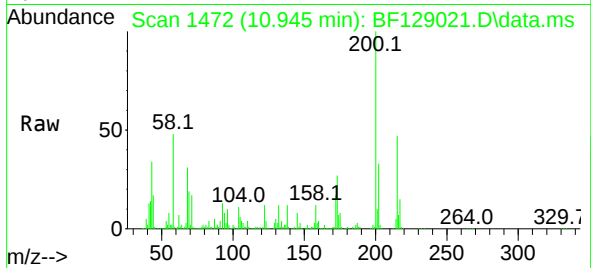
#69
Atrazine
Concen: 45.699 ng
RT: 10.945 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:200 Resp: 17095
Ion Ratio Lower Upper
200 100
173 26.6 6.3 46.3
215 46.8 28.3 68.3

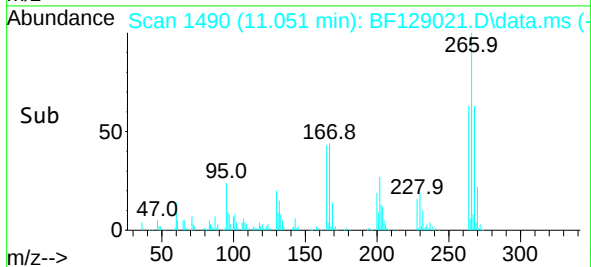
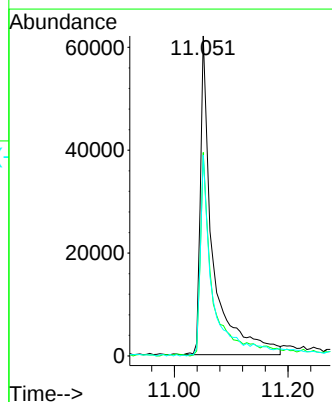
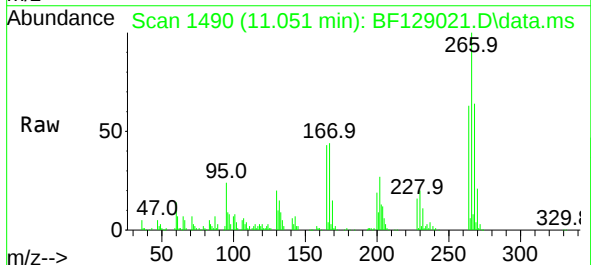
Manual Integrations
APPROVED

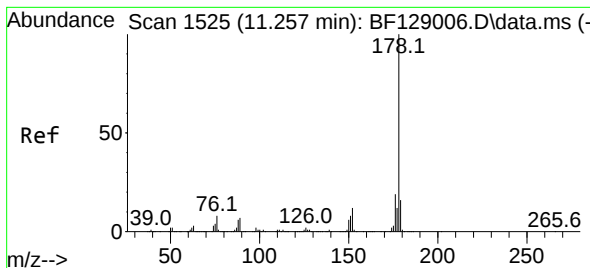
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#70
Pentachlorophenol
Concen: 82.291 ng
RT: 11.051 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

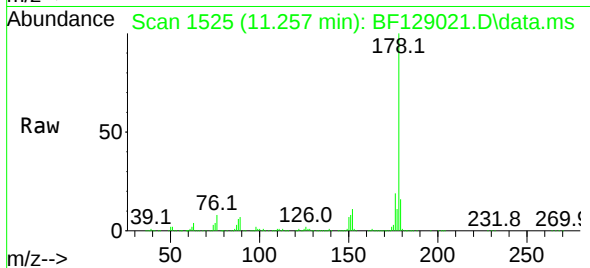
Tgt Ion:266 Resp: 94264
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.4
264 62.8 49.4 74.2





#71
Phenanthrene
Concen: 42.519 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

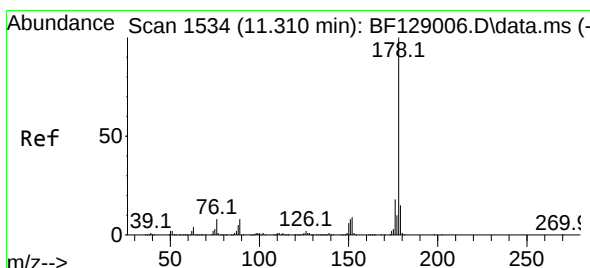
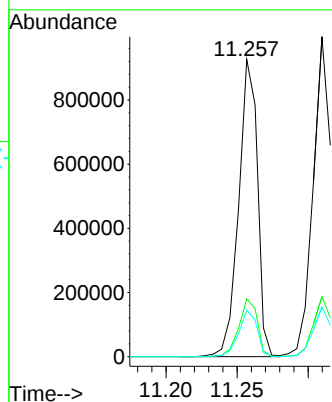
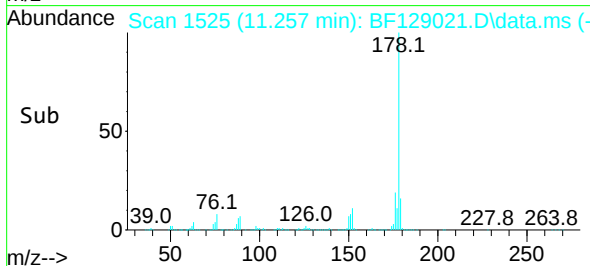
Instrument :
BNA_F
ClientSampleId :
PB145742BS



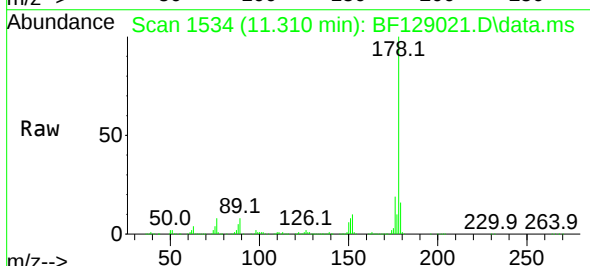
Tgt Ion:178 Resp: 855107
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 12.6 19.0

Manual Integrations
APPROVED

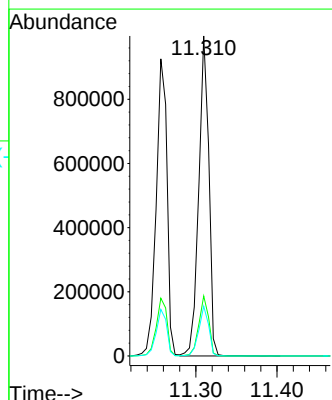
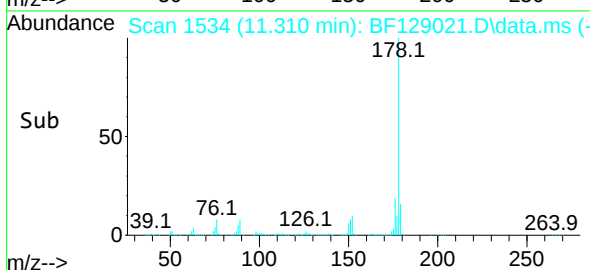
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

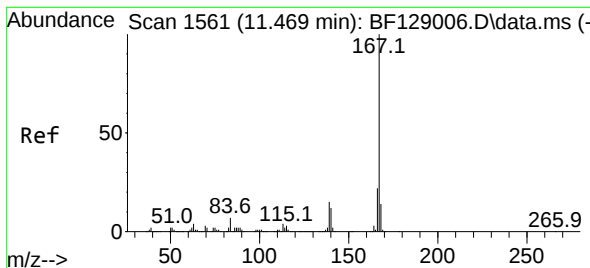


#72
Anthracene
Concen: 43.124 ng
RT: 11.310 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:178 Resp: 865129
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 40.081 ng

RT: 11.474 min Scan# 1561

Delta R.T. 0.006 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

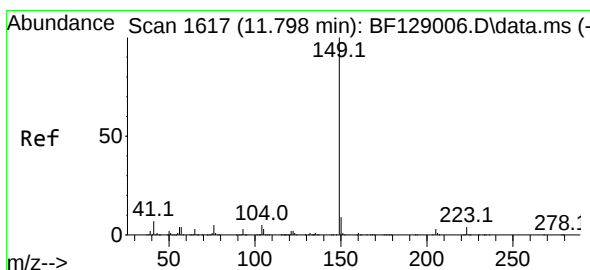
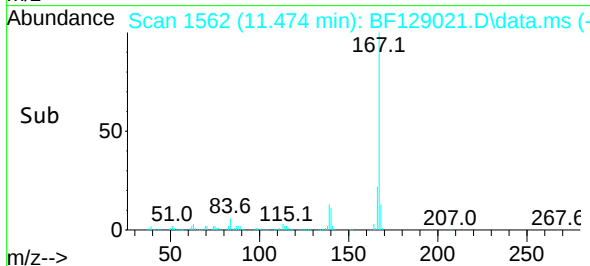
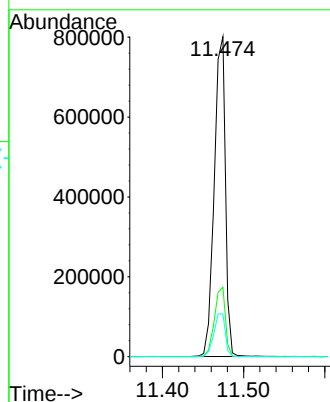
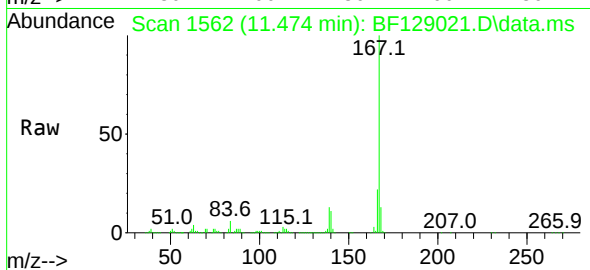
PB145742BS

Tgt Ion:167	Resp: 76200
Ion Ratio	Lower Upper
167 100	
166 21.7	17.7 26.5
139 13.4	11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#74

Di-n-butylphthalate

Concen: 42.394 ng

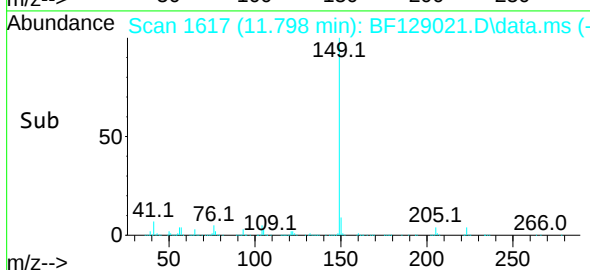
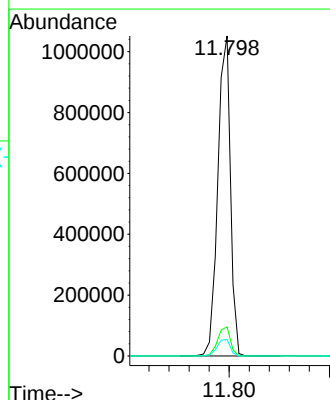
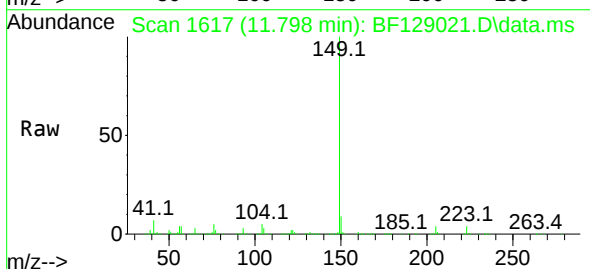
RT: 11.798 min Scan# 1617

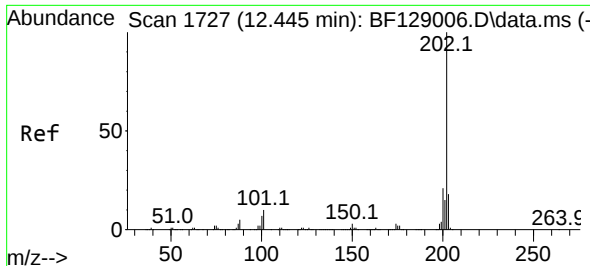
Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

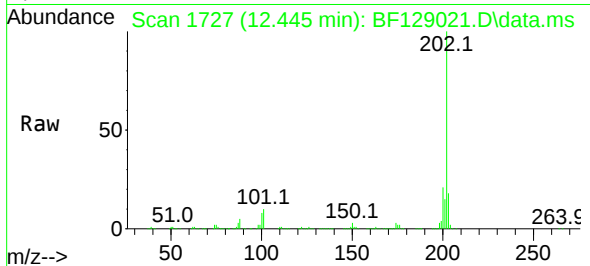
Tgt Ion:149	Resp: 915101
Ion Ratio	Lower Upper
149 100	
150 9.1	7.5 11.3
104 5.2	4.4 6.6





#75
Fluoranthene
Concen: 44.607 ng
RT: 12.445 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

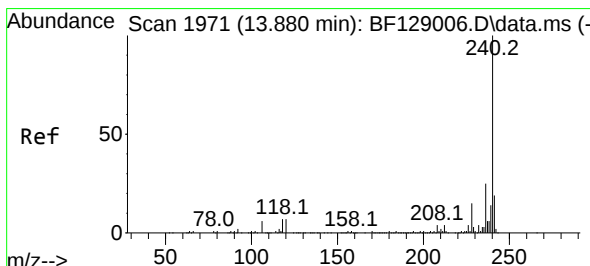
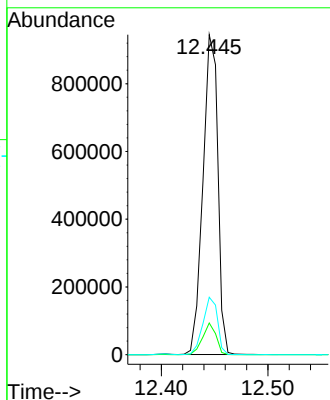
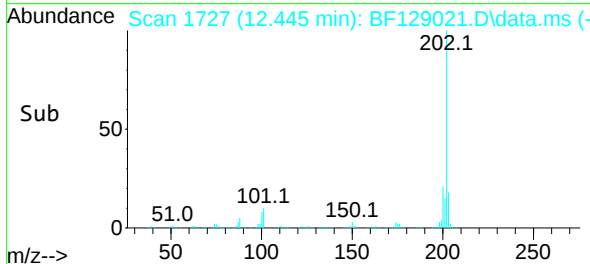
Instrument :
BNA_F
ClientSampleId :
PB145742BS



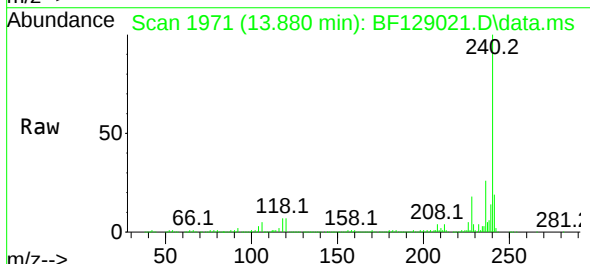
Tgt Ion:202 Resp: 921930
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
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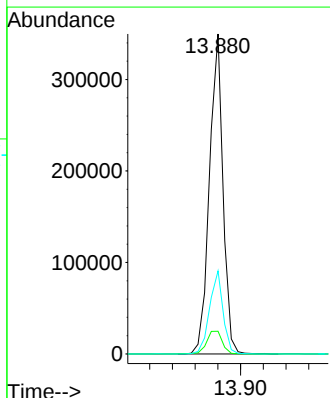
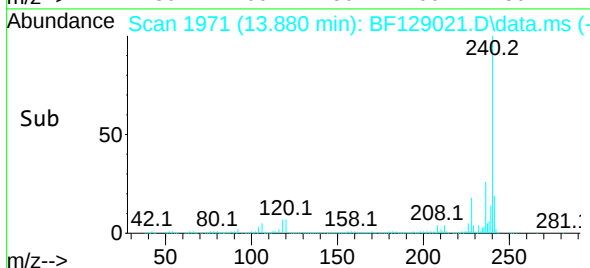
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

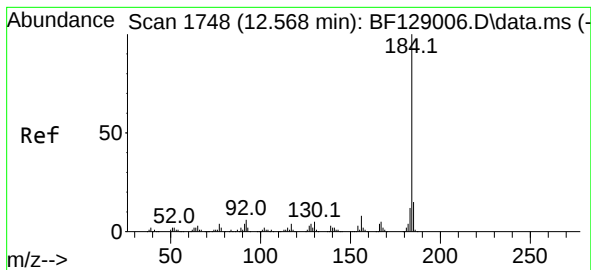


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:240 Resp: 289067
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.9 20.8 31.2





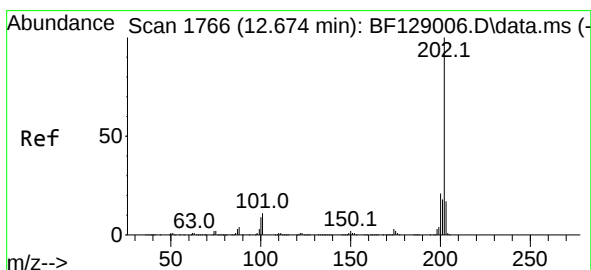
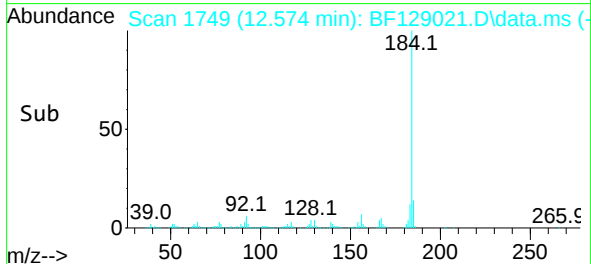
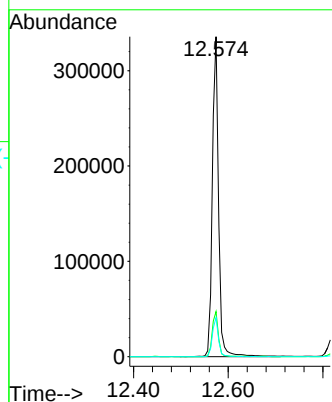
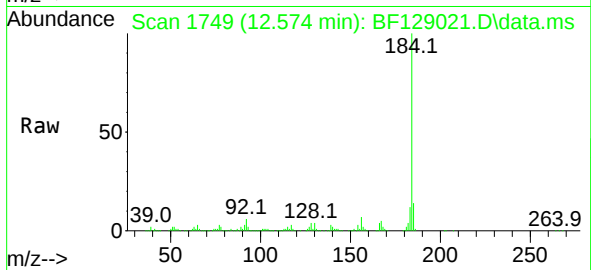
#77
Benzidine
Concen: Below Cal
RT: 12.574 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Instrument :
BNA_F
ClientSampleId :
PB145742BS

Tgt Ion:184 Resp: 30625
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 12.2 9.3 13.9

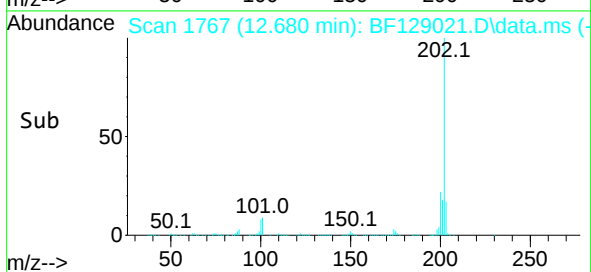
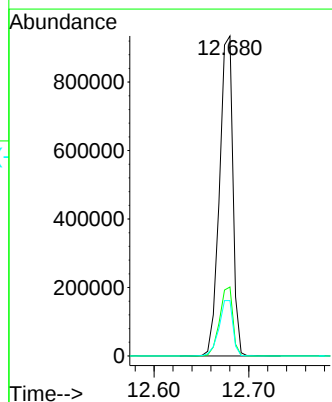
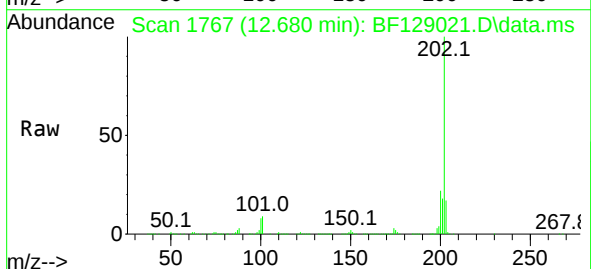
Manual Integrations
APPROVED

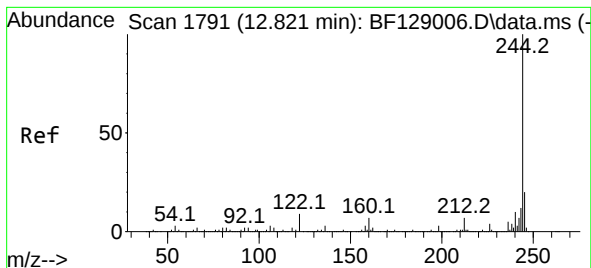
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#78
Pyrene
Concen: 44.647 ng
RT: 12.680 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

Tgt Ion:202 Resp: 923074
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 87.191 ng

RT: 12.821 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF129021.D

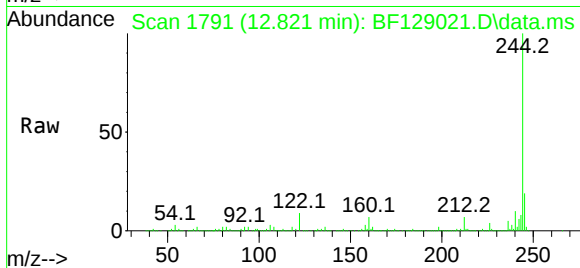
Acq: 26 Jun 2022 23:20

Instrument :

BNA_F

ClientSampleId :

PB145742BS



Tgt Ion:244 Resp: 135963

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

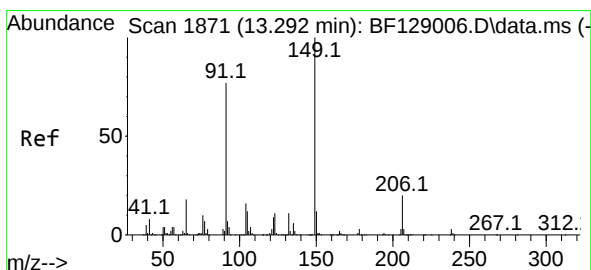
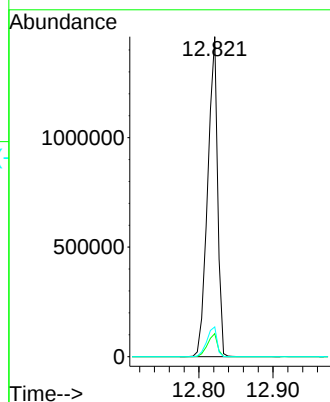
122 9.3 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/27/2022

Supervised By :Jagrut Upadhyay 06/27/2022



#80

Butylbenzylphthalate

Concen: 45.230 ng

RT: 13.292 min Scan# 1871

Delta R.T. 0.000 min

Lab File: BF129021.D

Acq: 26 Jun 2022 23:20

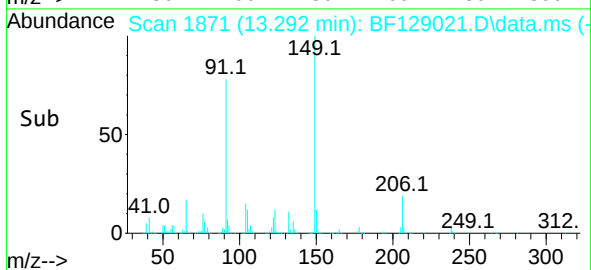
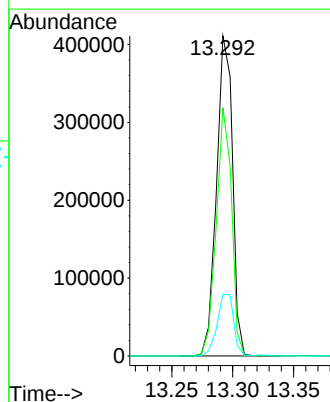
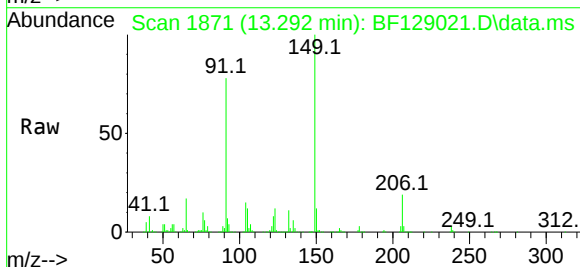
Tgt Ion:149 Resp: 374862

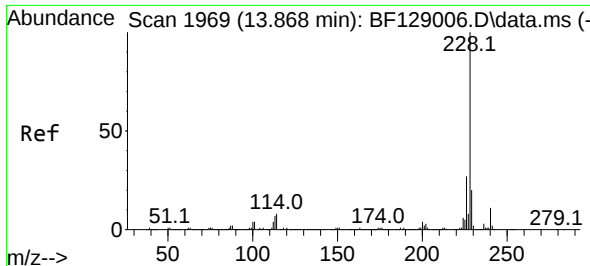
Ion Ratio Lower Upper

149 100

91 77.6 61.2 91.8

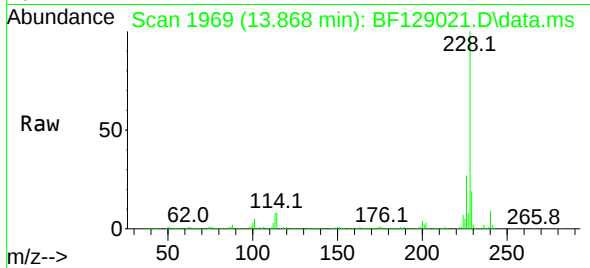
206 19.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.523 ng
RT: 13.868 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

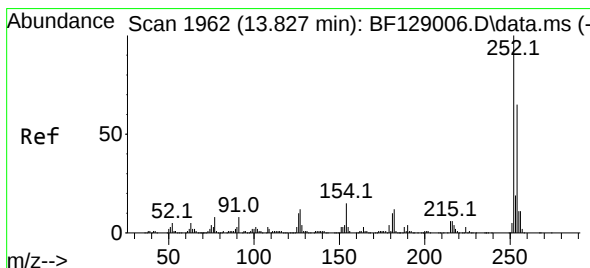
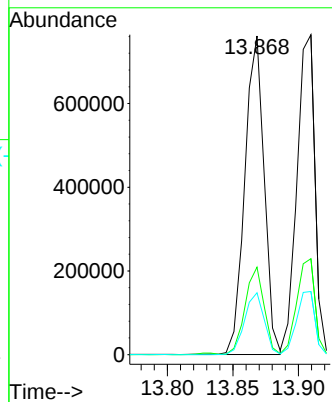
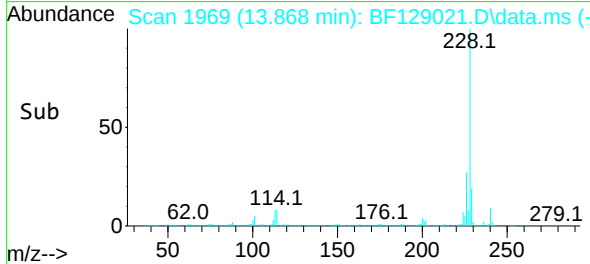
Instrument :
BNA_F
ClientSampleId :
PB145742BS



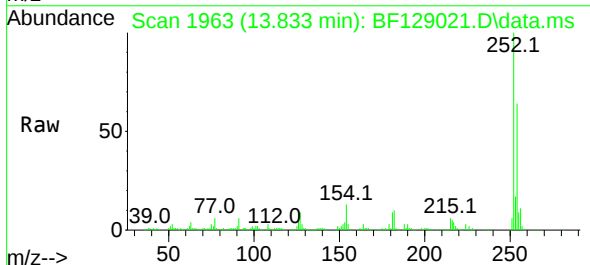
Tgt Ion:228 Resp: 78091
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.4 15.8 23.8

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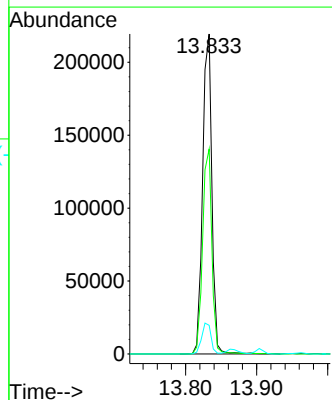
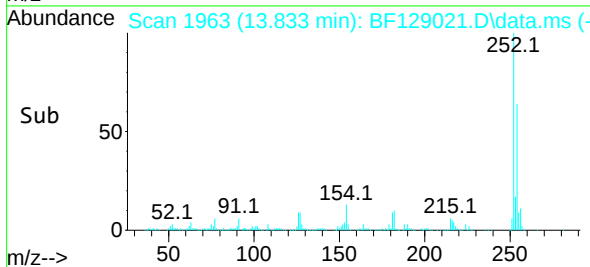
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

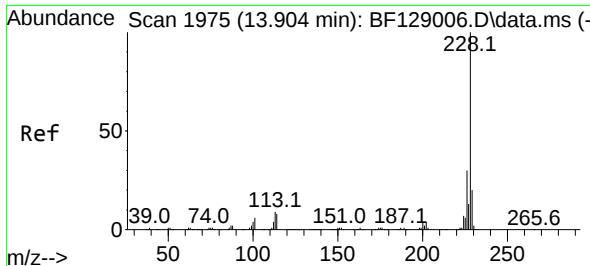


#82
3,3'-Dichlorobenzidine
Concen: 49.002 ng
RT: 13.833 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



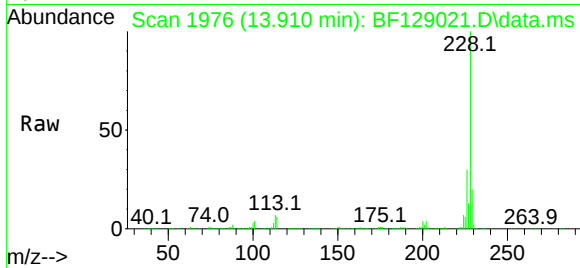
Tgt Ion:252 Resp: 199267
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 9.0 8.2 12.4





#83
Chrysene
Concen: 42.558 ng
RT: 13.910 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

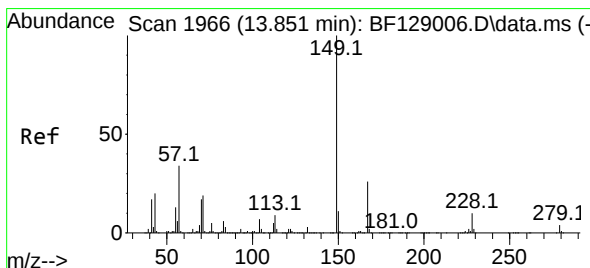
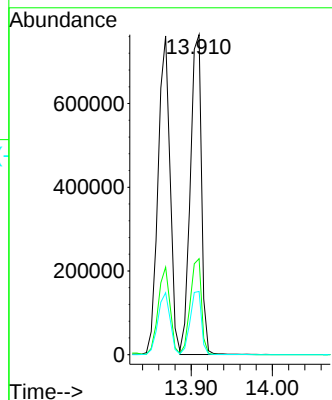
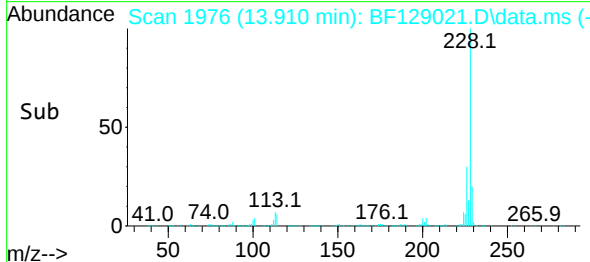
Instrument :
BNA_F
ClientSampleId :
PB145742BS



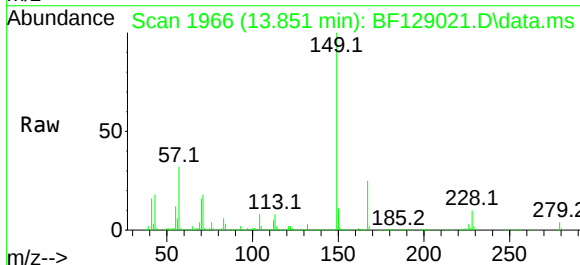
Tgt Ion:228 Resp: 73036
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.7 15.9 23.9

Manual Integrations
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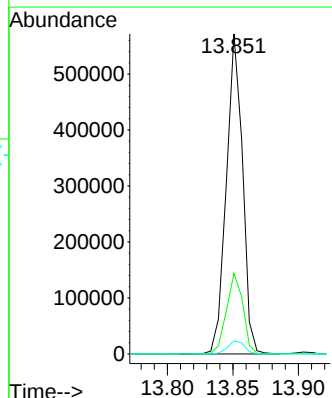
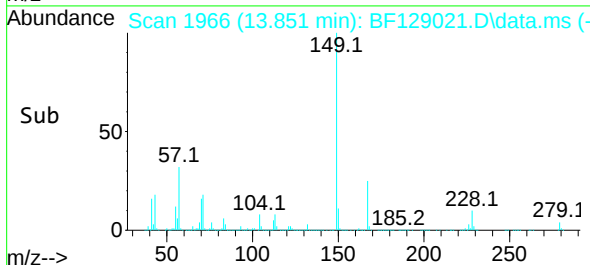
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

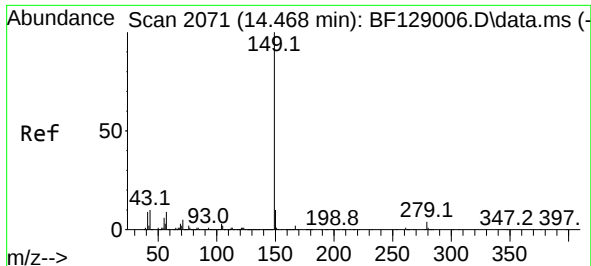


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.565 ng
RT: 13.851 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



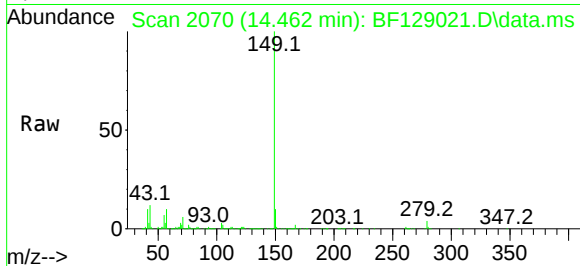
Tgt Ion:149 Resp: 490177
Ion Ratio Lower Upper
149 100
167 25.2 21.0 31.4
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.922 ng
RT: 14.462 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

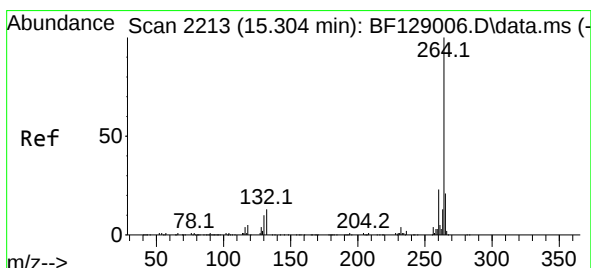
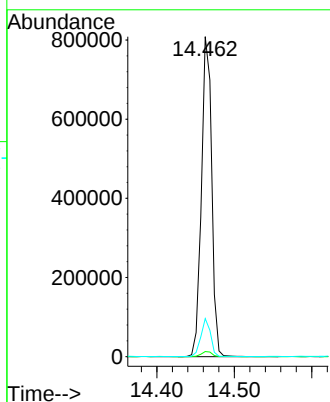
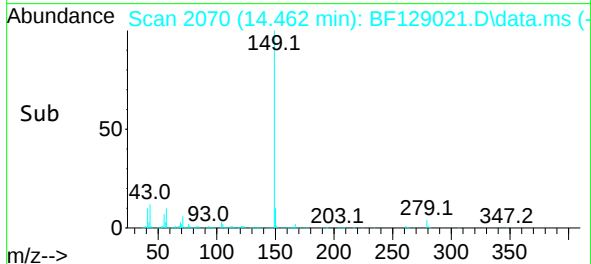
Instrument :
BNA_F
ClientSampleId :
PB145742BS



Tgt Ion:149 Resp: 74404
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 11.4 9.2 13.8

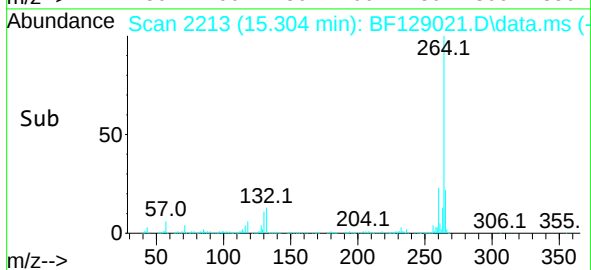
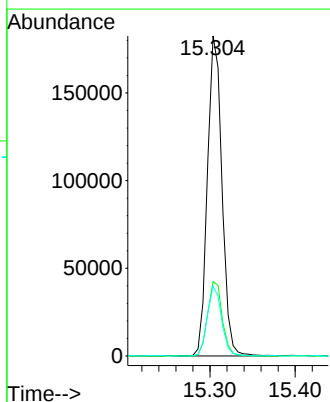
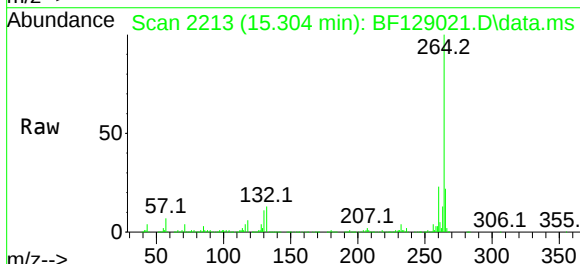
Manual Integrations
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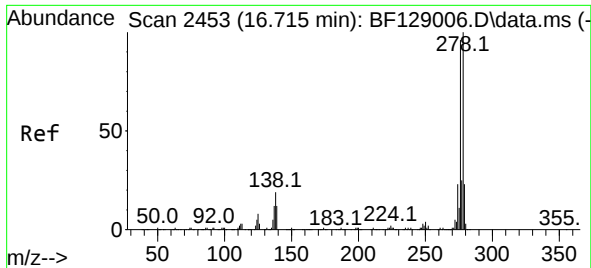
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

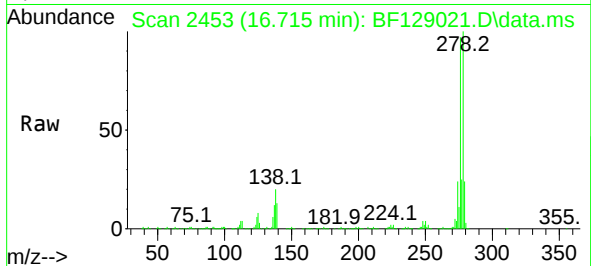
Tgt Ion:264 Resp: 216429
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.8 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.760 ng
 RT: 16.715 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BF129021.D
 Acq: 26 Jun 2022 23:20

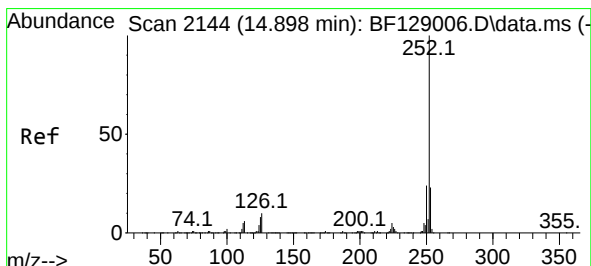
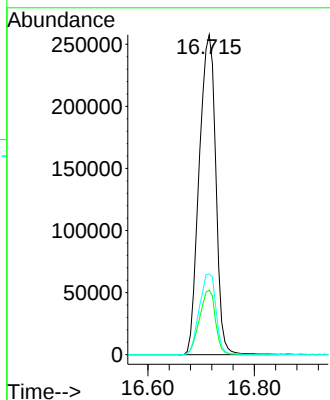
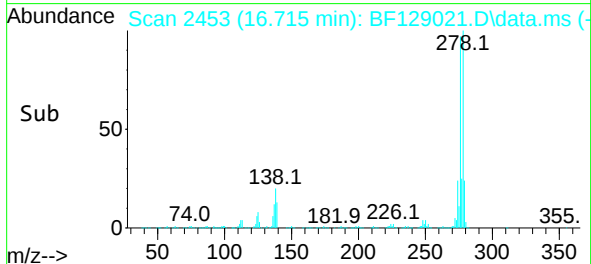
Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS



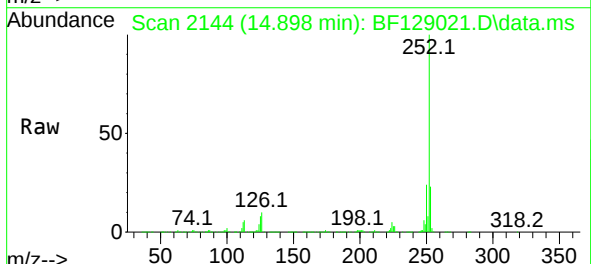
Tgt Ion:276 Resp: 556492
 Ion Ratio Lower Upper
 276 100
 138 19.5 21.1 31.7
 277 25.5 20.3 30.5

Manual Integrations
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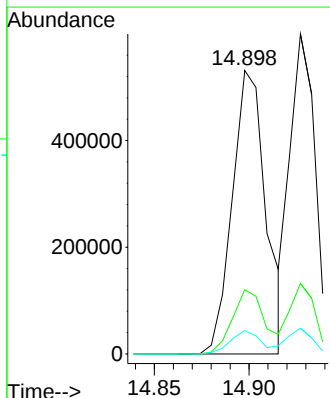
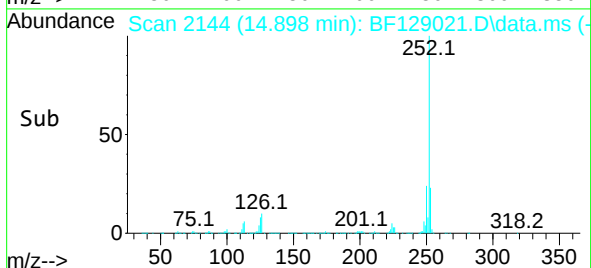
Reviewed By :Christian Giraldo 06/27/2022
 Supervised By :Jagrut Upadhyay 06/27/2022

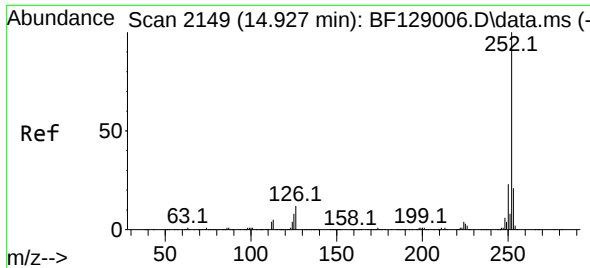


#88
 Benzo(b)fluoranthene
 Concen: 49.938 ng
 RT: 14.898 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BF129021.D
 Acq: 26 Jun 2022 23:20



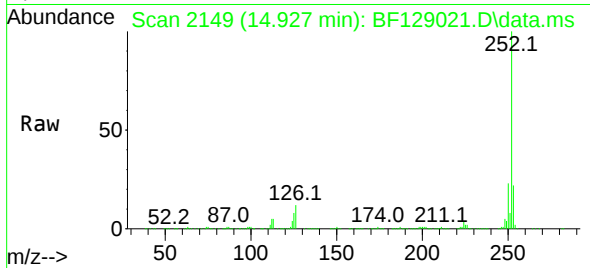
Tgt Ion:252 Resp: 656815
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 8.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 43.526 ng
RT: 14.927 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

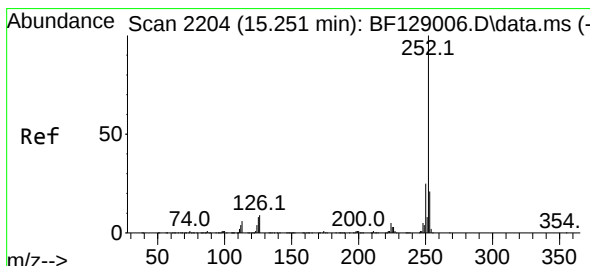
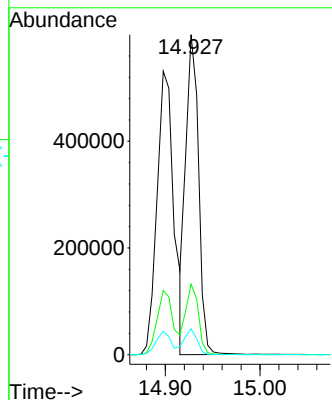
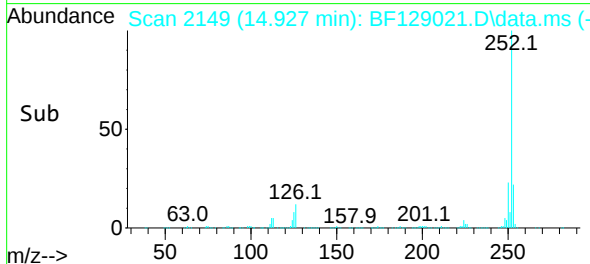
Instrument :
BNA_F
ClientSampleId :
PB145742BS



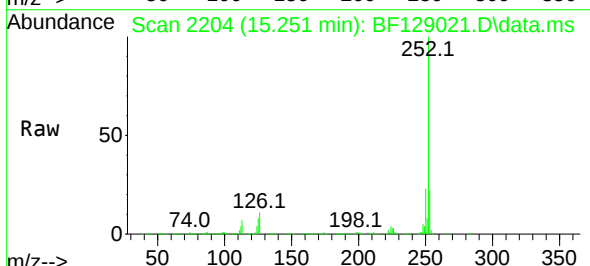
Tgt Ion:252 Resp: 56397
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.1 8.3 12.5

Manual Integrations
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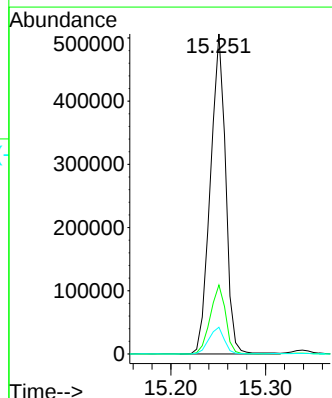
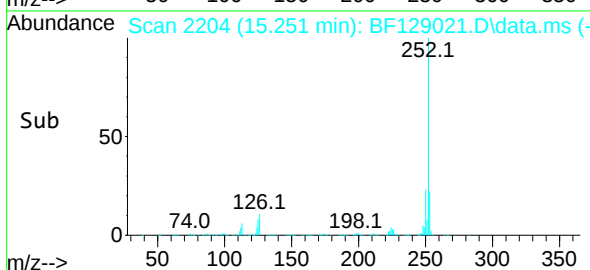
Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022

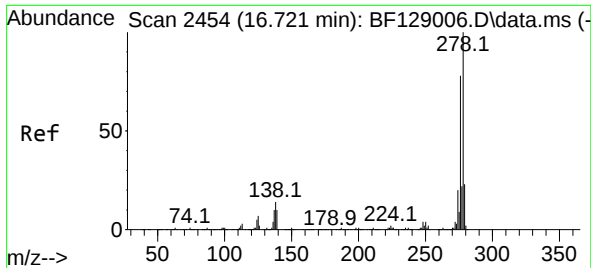


#90
Benzo(a)pyrene
Concen: 53.139 ng
RT: 15.251 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



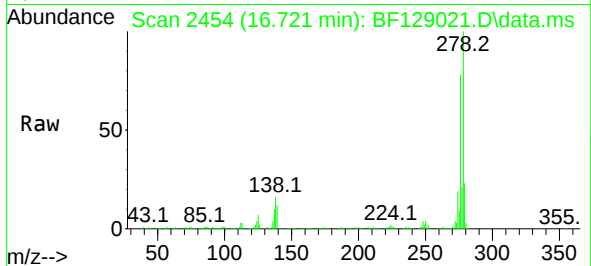
Tgt Ion:252 Resp: 567070
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 8.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 46.700 ng
RT: 16.721 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20

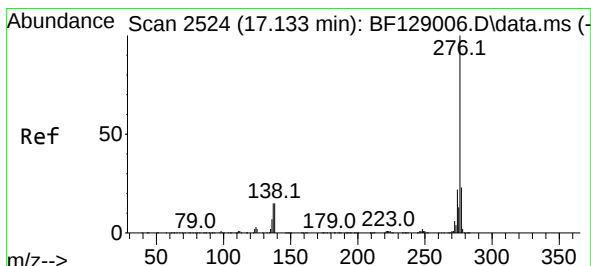
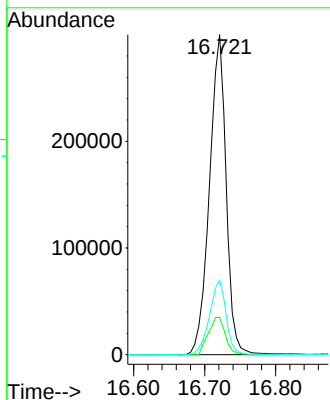
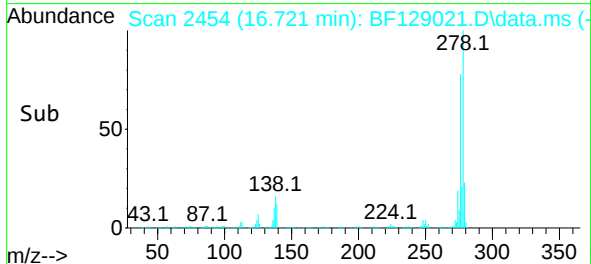
Instrument :
BNA_F
ClientSampleId :
PB145742BS



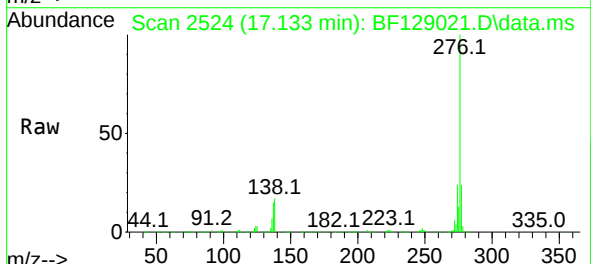
Tgt Ion:278 Resp: 48936
Ion Ratio Lower Upper
278 100
139 11.7 12.8 19.2
279 23.3 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/27/2022
Supervised By :Jagrut Upadhyay 06/27/2022



#92
Benzo(g,h,i)perylene
Concen: 46.438 ng
RT: 17.133 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BF129021.D
Acq: 26 Jun 2022 23:20



Tgt Ion:276 Resp: 483141
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.2 18.0 27.0#

