

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129068.D
 Acq On : 30 Jun 2022 19:59
 Operator : CG\JU
 Sample : N3450-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-18MSD

Quant Time: Jul 01 05:44:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/01/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	423714	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1633067	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	827350	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1468674	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	905795	20.000	ng	0.00
86) Perylene-d12	15.668	264	787432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2872965	114.632	ng	0.01
7) Phenol-d6	6.587	99	3716600	119.402	ng	0.00
23) Nitrobenzene-d5	7.528	82	2358124	86.129	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1129633	125.568	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4030390	77.933	ng	0.00
79) Terphenyl-d14	13.086	244	4108455	94.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.952	88	495227	44.321	ng	87
3) Pyridine	3.722	79	1308363	47.947	ng	86
4) n-Nitrosodimethylamine	3.657	42	614945	49.741	ng	# 79
6) Aniline	6.622	93	1369984	39.354	ng	96
8) 2-Chlorophenol	6.745	128	1345755	51.109	ng	95
9) Benzaldehyde	6.516	77	811926	72.610	ng	96
10) Phenol	6.598	94	1610224m	51.058	ng	
11) bis(2-Chloroethyl)ether	6.692	93	1257902	50.394	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1400658	48.322	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1428256	48.852	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1370569	49.868	ng	99
15) Benzyl Alcohol	7.104	79	1116438	50.991	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1777086	49.846	ng	92
17) 2-Methylphenol	7.204	107	1094876	51.099	ng	97
18) Hexachloroethane	7.469	117	516970	50.366	ng	90
19) n-Nitroso-di-n-propyla...	7.375	70	890168	49.437	ng	88
20) 3+4-Methylphenols	7.357	107	1335712	49.022	ng	91
22) Acetophenone	7.369	105	1793672	47.879	ng	96
24) Nitrobenzene	7.545	77	1357177	51.232	ng	91
25) Isophorone	7.787	82	2460226	53.169	ng	96
26) 2-Nitrophenol	7.857	139	716393	58.187	ng	88
27) 2,4-Dimethylphenol	7.892	122	1222412	54.995	ng	94
28) bis(2-Chloroethoxy)met...	7.987	93	1518125	47.772	ng	98
29) 2,4-Dichlorophenol	8.098	162	1115817	49.217	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1148657	46.041	ng	98
31) Naphthalene	8.263	128	3558542	48.000	ng	97
32) Benzoic acid	8.022	122	921541	51.675	ng	95
33) 4-Chloroaniline	8.310	127	566042	18.948	ng	94
34) Hexachlorobutadiene	8.375	225	684307	45.936	ng	99
35) Caprolactam	8.698	113	337590m	46.958	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1143496	49.642	ng	90
37) 2-Methylnaphthalene	8.957	142	2410659	48.323	ng	99
38) 1-Methylnaphthalene	9.057	142	2316396	47.814	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1126991	48.461	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1245383	101.453	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	804086	50.762	ng	97

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
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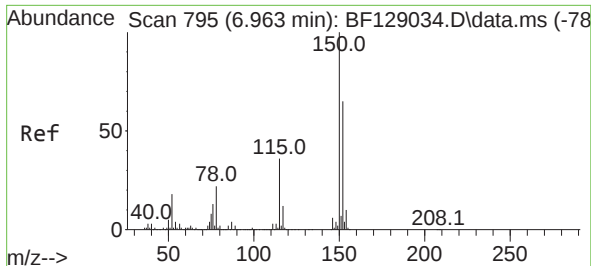
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	822761	48.831	ng	98
46) 1,1'-Biphenyl	9.422	154	2867105	48.202	ng	95
47) 2-Chloronaphthalene	9.445	162	2230937	48.569	ng	99
48) 2-Nitroaniline	9.545	65	676437	55.914	ng #	81
49) Acenaphthylene	9.869	152	3406655	48.809	ng	96
50) Dimethylphthalate	9.728	163	2547451	49.217	ng	99
51) 2,6-Dinitrotoluene	9.786	165	592222	55.993	ng	93
52) Acenaphthene	10.039	154	2458784	54.084	ng	97
53) 3-Nitroaniline	9.957	138	381586	30.254	ng #	83
54) 2,4-Dinitrophenol	10.063	184	592779	101.610	ng #	79
55) Dibenzofuran	10.210	168	3145963	47.523	ng	96
56) 4-Nitrophenol	10.116	139	1107399	107.458	ng	95
57) 2,4-Dinitrotoluene	10.192	165	783080	59.973	ng #	88
58) Fluorene	10.557	166	2449416	47.834	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	687263m	49.235	ng	
60) Diethylphthalate	10.428	149	2487198	47.956	ng	96
61) 4-Chlorophenyl-phenyle...	10.545	204	1201971	47.112	ng	99
62) 4-Nitroaniline	10.580	138	582734	46.592	ng	86
63) Azobenzene	10.704	77	2420976	47.644	ng	94
65) 4,6-Dinitro-2-methylph...	10.598	198	346467	53.322	ng	86
66) n-Nitrosodiphenylamine	10.663	169	2191184	49.125	ng	95
67) 4-Bromophenyl-phenylether	11.039	248	773910	49.537	ng	92
68) Hexachlorobenzene	11.104	284	856278	49.222	ng	94
69) Atrazine	11.192	200	711344	56.675	ng	98
70) Pentachlorophenol	11.298	266	1007195	97.205	ng	98
71) Phenanthrene	11.522	178	3329393	47.446	ng	95
72) Anthracene	11.575	178	3371142	48.726	ng	95
73) Carbazole	11.727	167	3187018	45.971	ng	97
74) Di-n-butylphthalate	12.051	149	3561497	48.724	ng	97
75) Fluoranthene	12.716	202	3423798	46.654	ng	94
77) Benzidine	12.833	184	1003315	62.206	ng	98
78) Pyrene	12.945	202	3429934	54.629	ng	97
80) Butylbenzylphthalate	13.557	149	1449074	56.653	ng	91
81) Benzo(a)anthracene	14.133	228	2717449	49.135	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	791964	66.271	ng	97
83) Chrysene	14.174	228	2481287	48.327	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	1851941	54.480	ng	95
85) Di-n-octyl phthalate	14.733	149	2554967	50.915	ng	95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2589312	53.614	ng	99
88) Benzo(b)fluoranthene	15.215	252	2578168	54.442	ng	97
89) Benzo(k)fluoranthene	15.251	252	2190425	47.689	ng	99
90) Benzo(a)pyrene	15.604	252	2120217	54.921	ng	98
91) Dibenzo(a,h)anthracene	17.251	278	2214985	56.261	ng	97
92) Benzo(g,h,i)perylene	17.709	276	2258689	57.184	ng	98

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

Manual Integrations

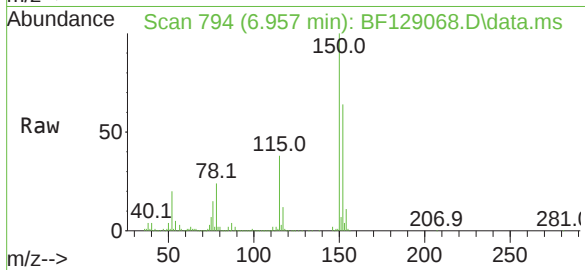
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59

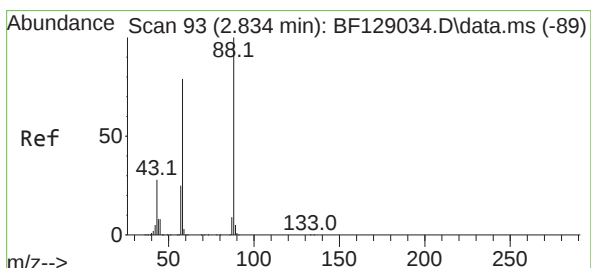
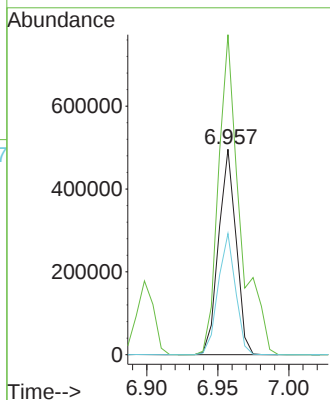
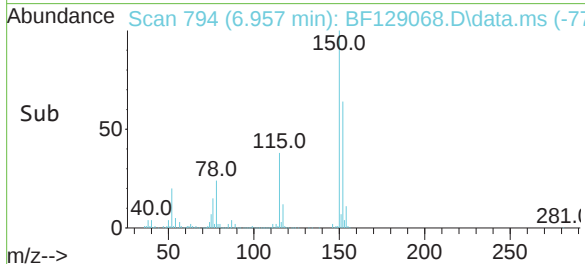
Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-18MSD



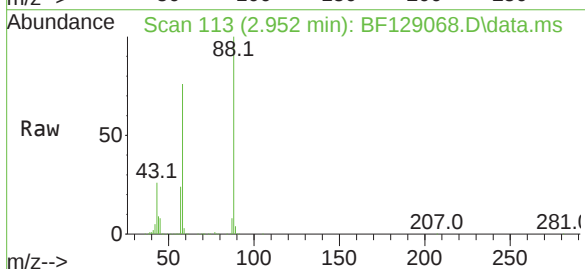
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 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 58.9 49.9 74.9

Manual Integrations
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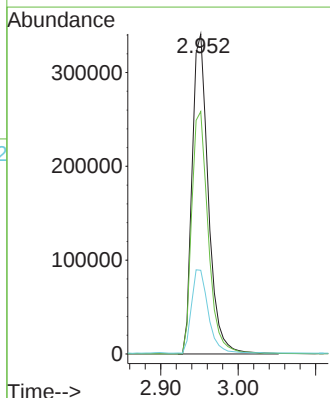
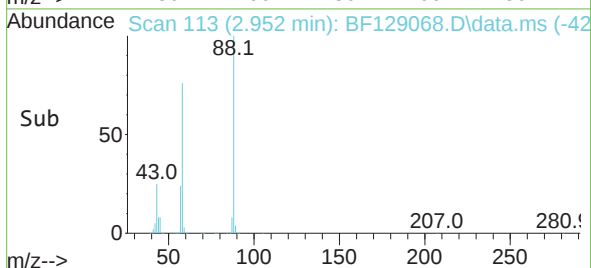
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

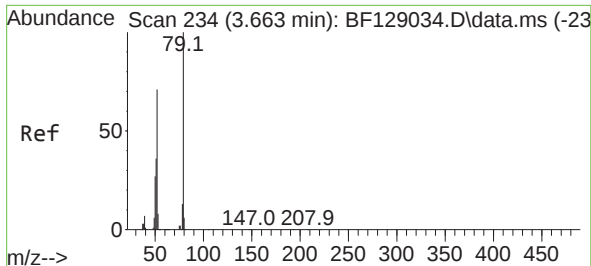


#2
 1,4-Dioxane
 Concen: 44.321 ng
 RT: 2.952 min Scan# 113
 Delta R.T. 0.118 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59



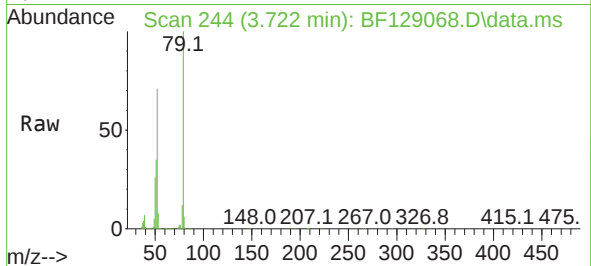
Tgt Ion: 88 Resp: 495227
 Ion Ratio Lower Upper
 88 100
 58 77.1 71.8 107.8
 43 27.0 26.6 39.8





#3
Pyridine
Concen: 47.947 ng
RT: 3.722 min Scan# 244
Delta R.T. 0.059 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

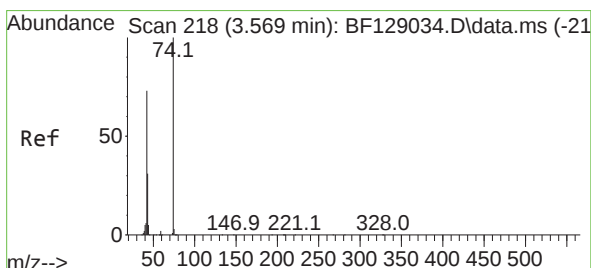
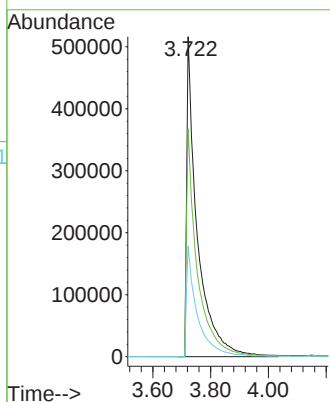
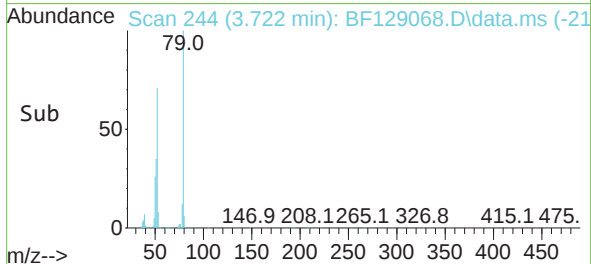
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ClientSampleId :
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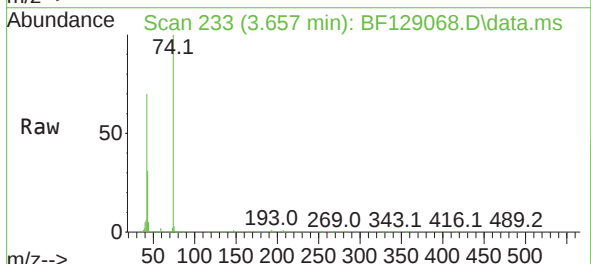
Tgt Ion: 79 Resp: 130836
Ion Ratio Lower Upper
79 100
52 71.2 68.6 102.8
51 34.5 32.9 49.3

Manual Integrations
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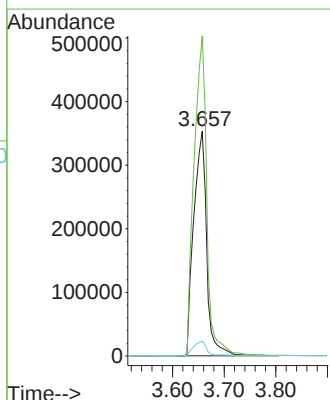
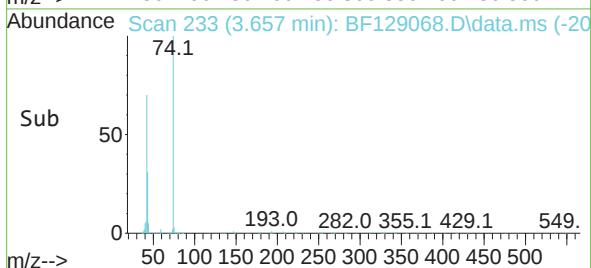
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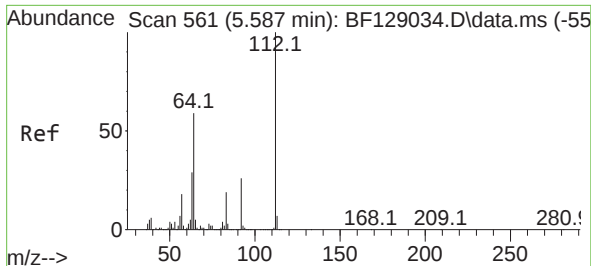


#4
n-Nitrosodimethylamine
Concen: 49.741 ng
RT: 3.657 min Scan# 233
Delta R.T. 0.088 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



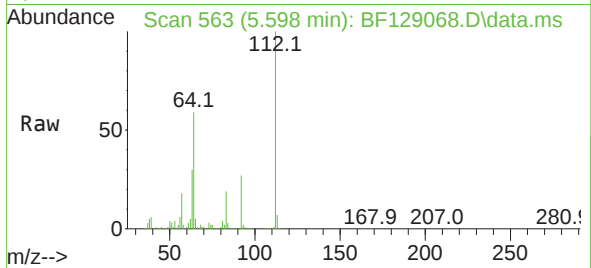
Tgt Ion: 42 Resp: 614945
Ion Ratio Lower Upper
42 100
74 142.4 94.8 142.2#
44 6.6 6.6 10.0#





#5
2-Fluorophenol
Concen: 114.632 ng
RT: 5.598 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

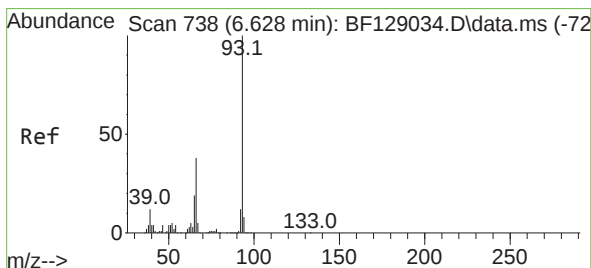
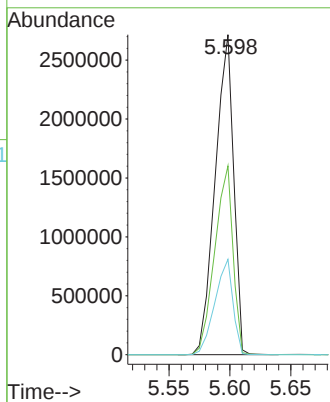
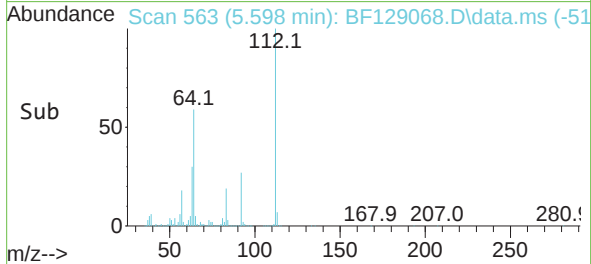
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ClientSampleId :
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Tgt Ion:112 Resp: 287296
Ion Ratio Lower Upper
112 100
64 59.0 53.3 79.9
63 29.8 28.0 42.0

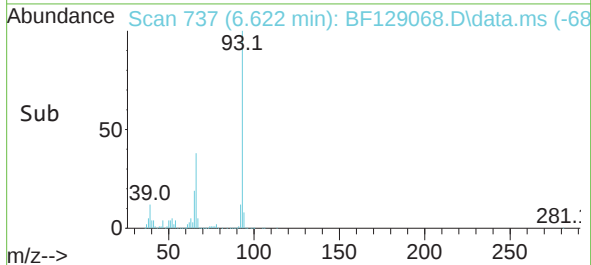
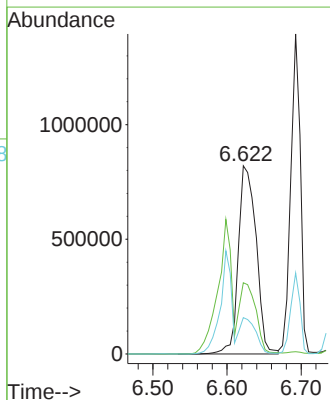
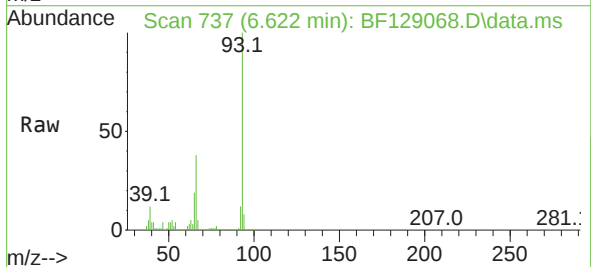
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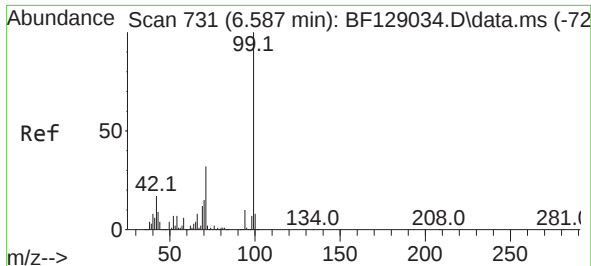
Reviewed By :Christian Giraldo 07/01/2022
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#6
Aniline
Concen: 39.354 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

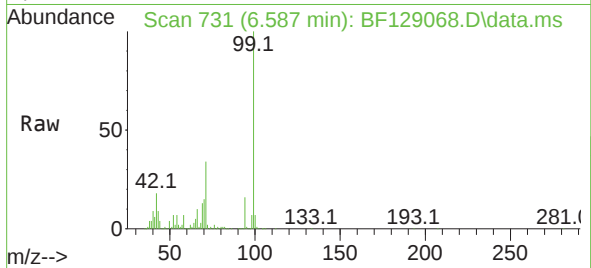
Tgt Ion: 93 Resp: 1369984
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 119.402 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

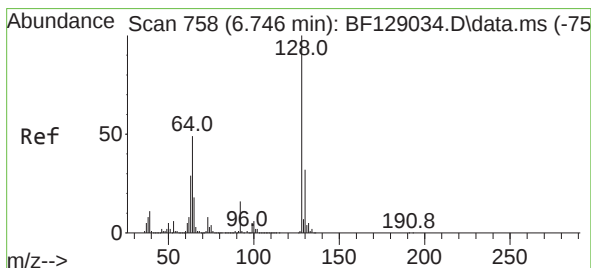
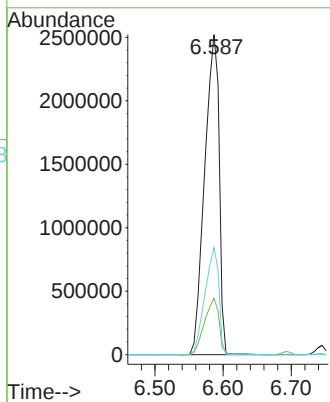
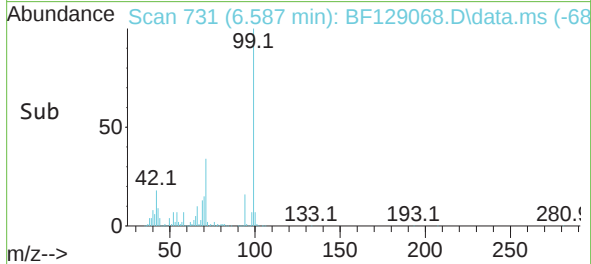
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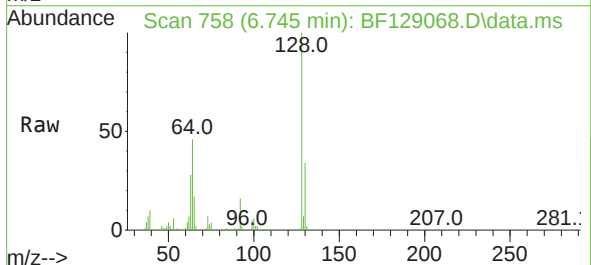
Tgt Ion: 99 Resp: 3716600
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 33.5 28.9 43.3

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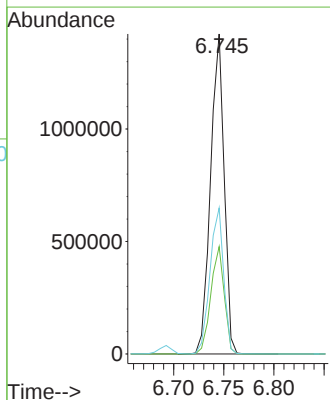
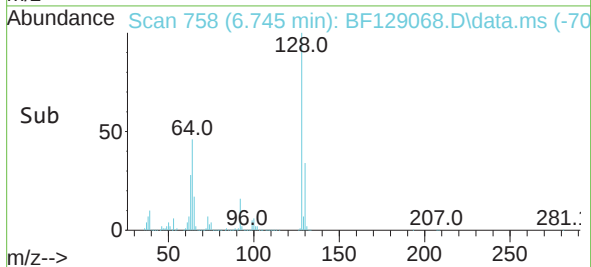
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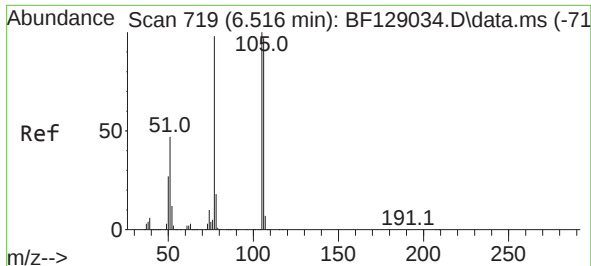


#8
2-Chlorophenol
Concen: 51.109 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



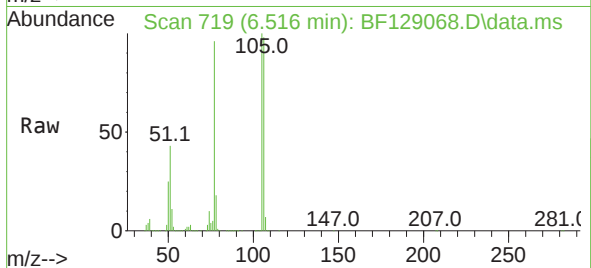
Tgt Ion:128 Resp: 1345755
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 45.6 30.9 70.9





#9
Benzaldehyde
Concen: 72.610 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

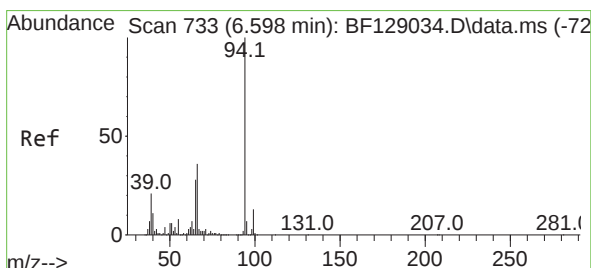
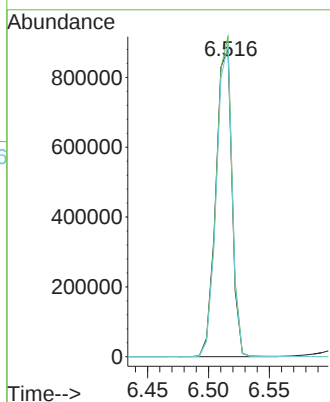
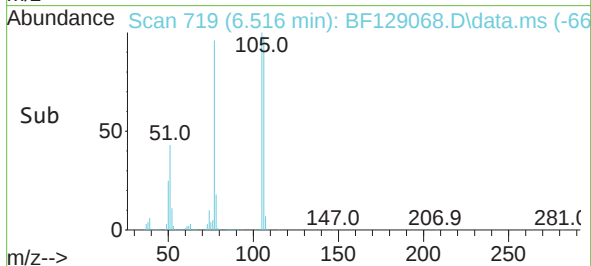
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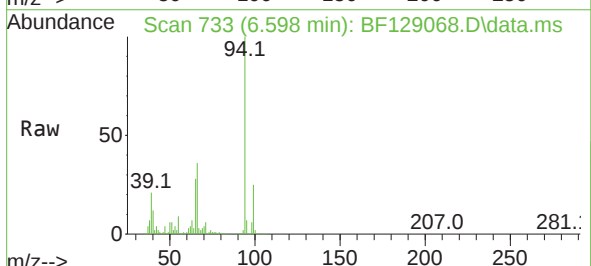
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Ion Ratio Lower Upper
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105 104.0 81.6 121.6
106 101.5 76.1 116.1

Manual Integrations
APPROVED

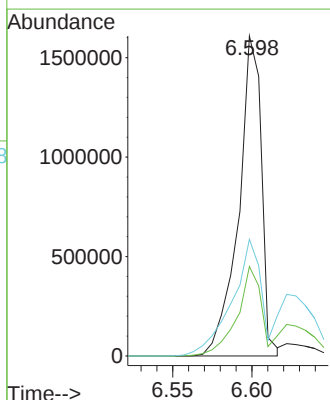
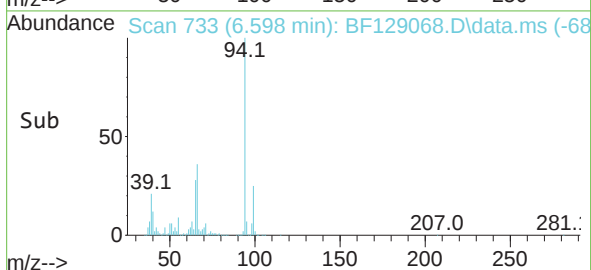
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

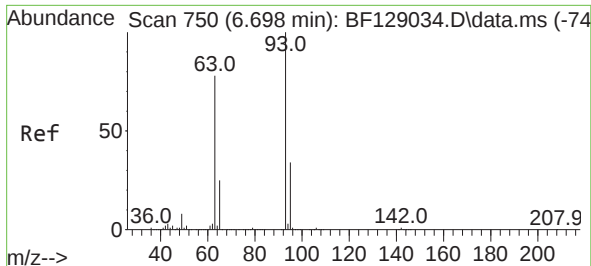


#10
Phenol
Concen: 51.058 ng m
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



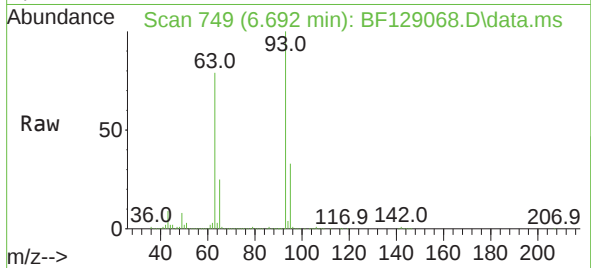
Tgt Ion: 94 Resp: 1610224
Ion Ratio Lower Upper
94 100
65 28.0 11.4 51.4
66 36.5 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 50.394 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

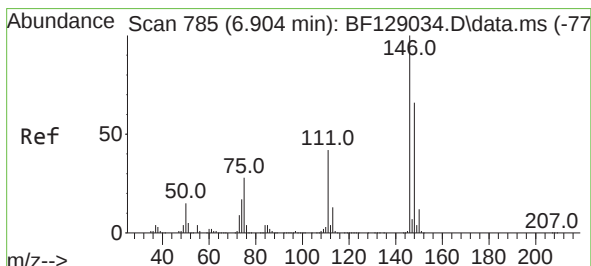
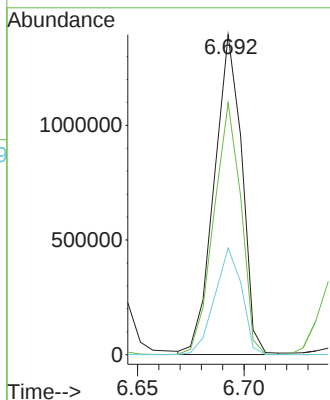
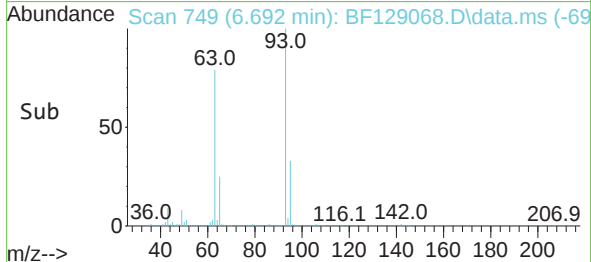
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion: 93 Resp: 1257902
Ion Ratio Lower Upper
93 100
63 78.7 67.4 107.4
95 33.3 12.7 52.7

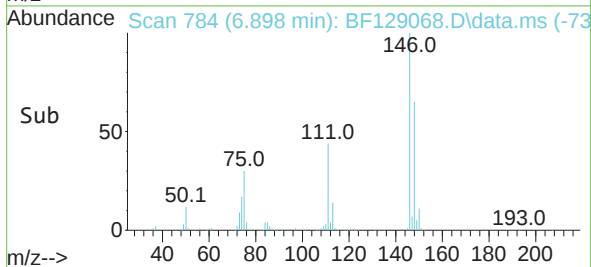
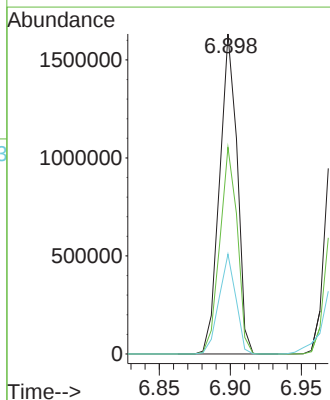
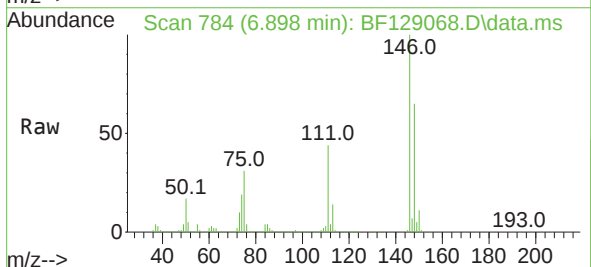
Manual Integrations
APPROVED

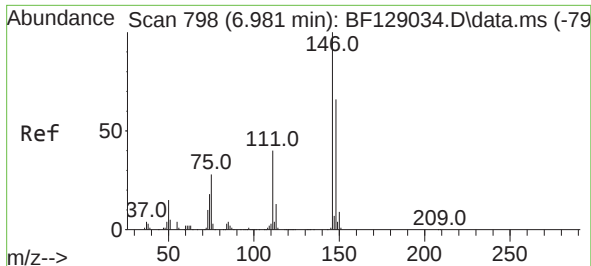
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#12
1,3-Dichlorobenzene
Concen: 48.322 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:146 Resp: 1400658
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.2 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 48.852 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

Tgt Ion:146 Resp: 1428250

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

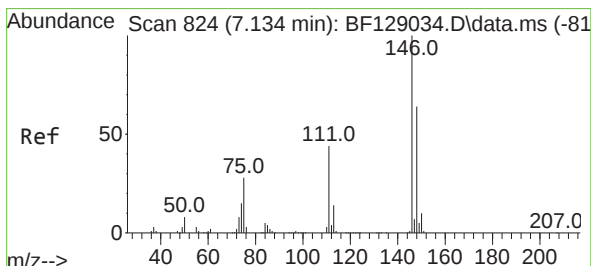
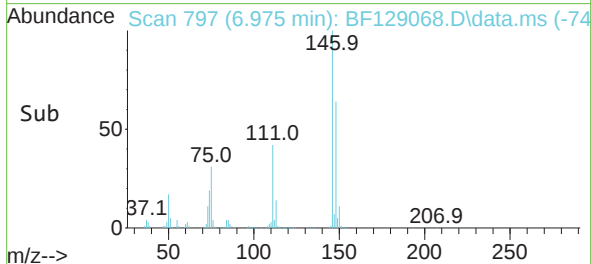
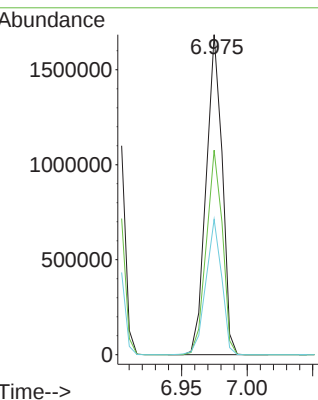
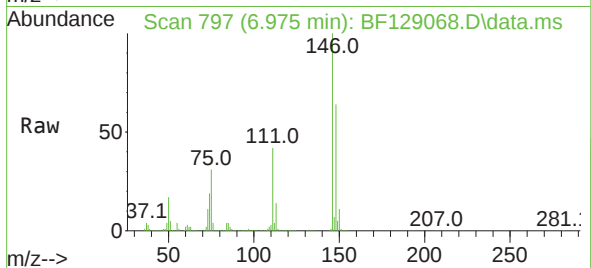
111 42.3 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 49.868 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

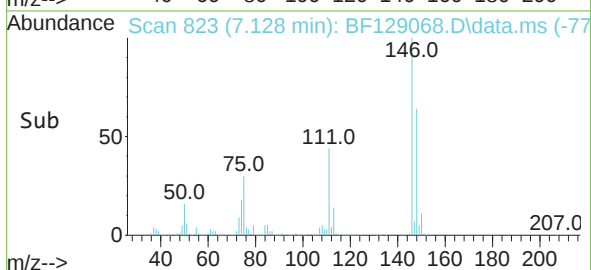
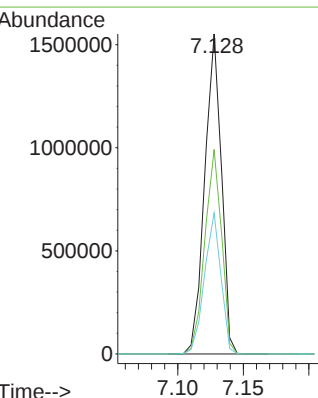
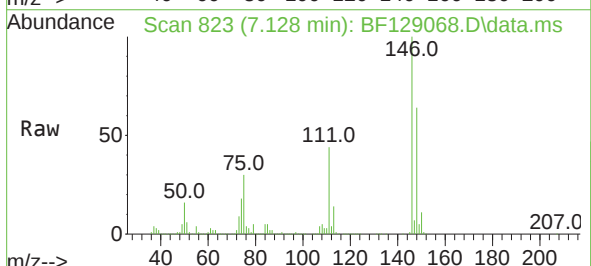
Tgt Ion:146 Resp: 1370569

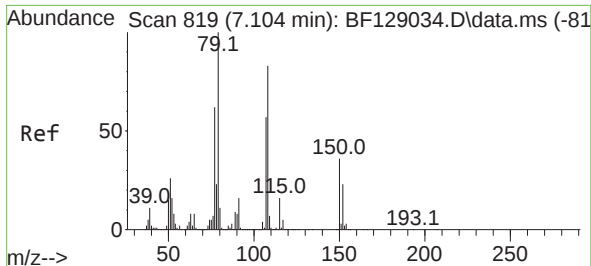
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

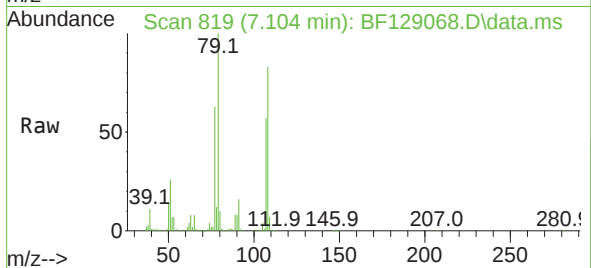
111 44.1 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.991 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

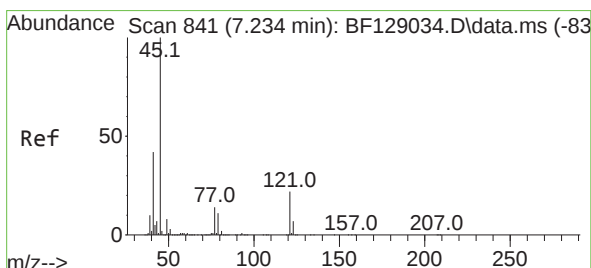
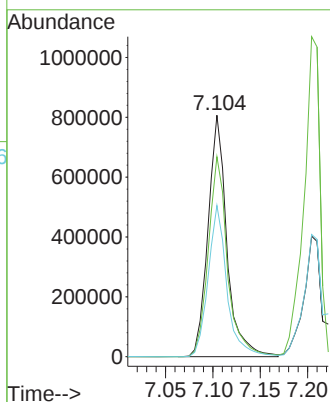
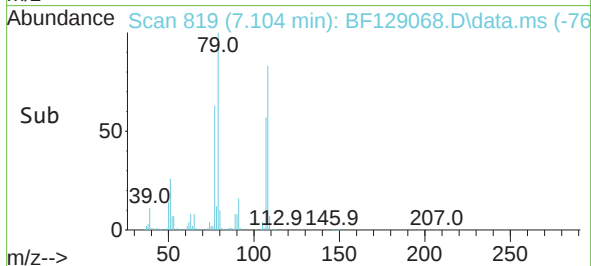
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



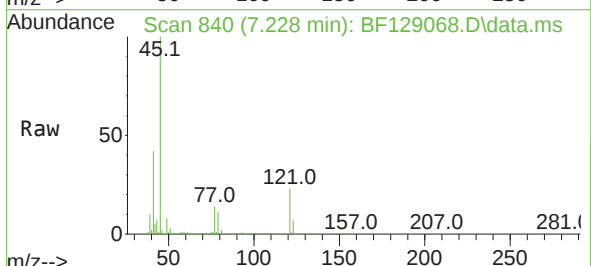
Tgt Ion: 79 Resp: 1116438
Ion Ratio Lower Upper
79 100
108 82.9 61.8 92.6
77 62.6 50.2 75.4

Manual Integrations
APPROVED

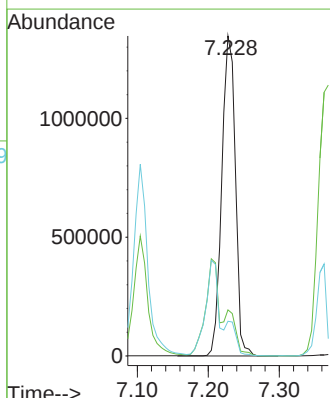
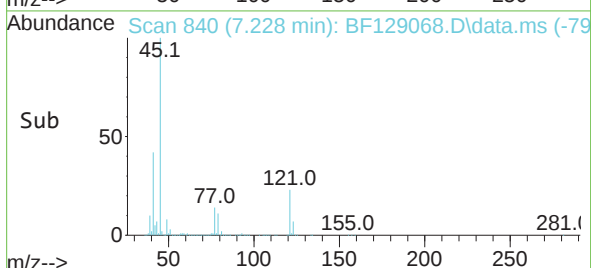
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

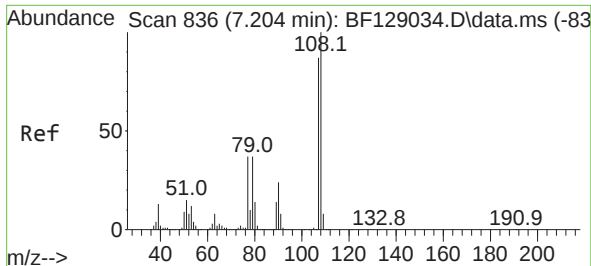


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.846 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion: 45 Resp: 1777086
Ion Ratio Lower Upper
45 100
77 14.4 0.0 31.3
79 10.9 0.0 28.3





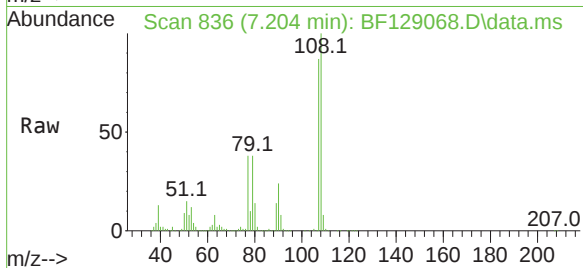
#17
2-Methylphenol
Concen: 51.099 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

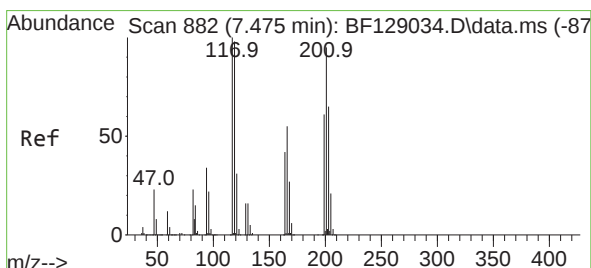
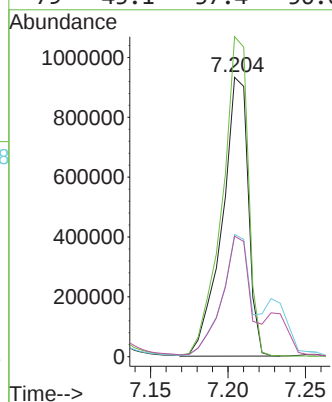
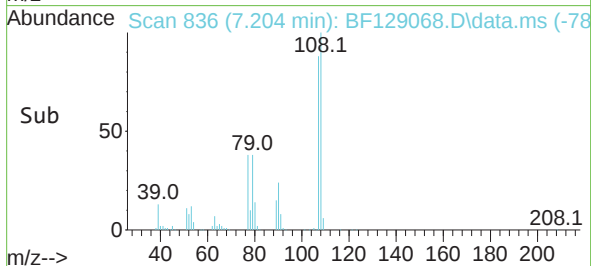


Tgt Ion:107 Resp: 1094870
Ion Ratio Lower Upper
107 100
108 114.5 91.9 137.9
77 43.8 37.8 56.8
79 43.1 37.4 56.0

Manual Integrations

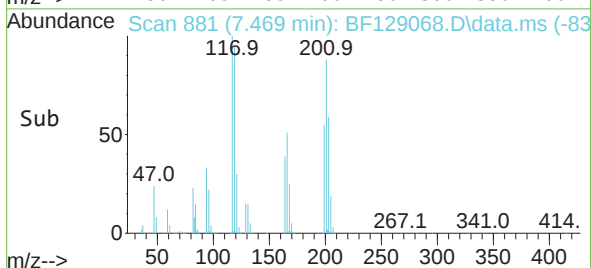
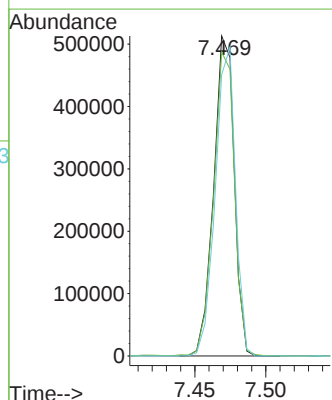
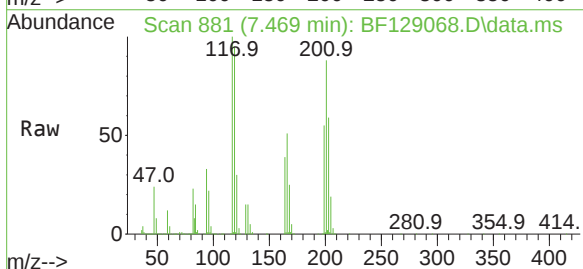
APPROVED

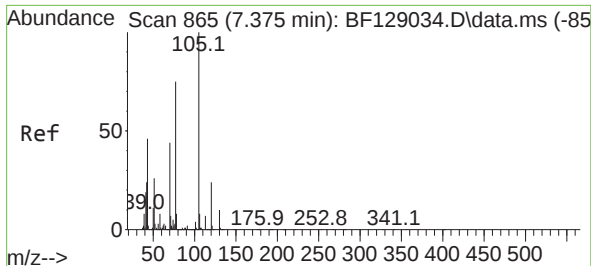
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 50.366 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

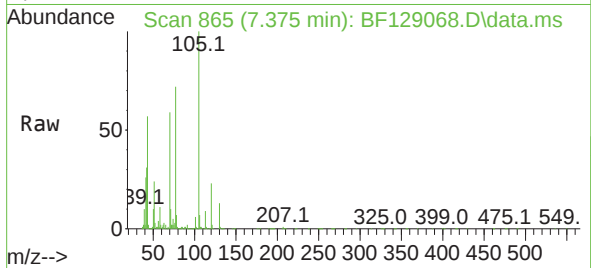
Tgt Ion:117 Resp: 516970
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 87.9 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.437 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

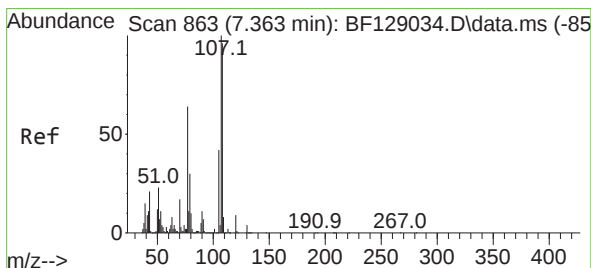
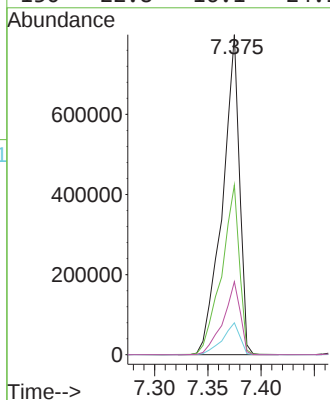
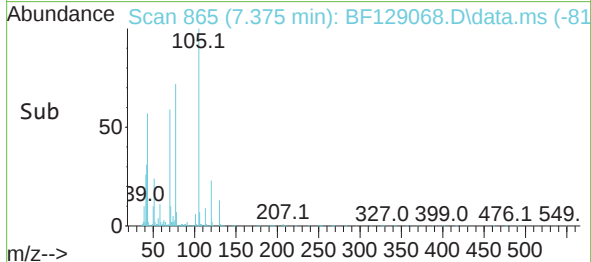
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



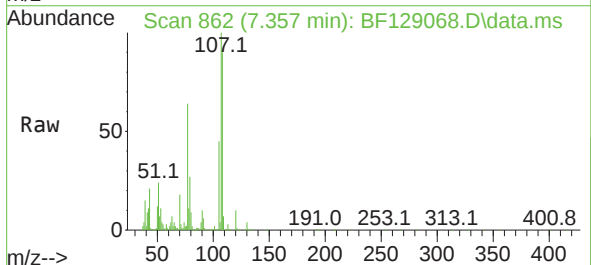
Tgt Ion: 70 Resp: 890168
Ion Ratio Lower Upper
70 100
42 53.0 52.3 78.5
101 10.0 7.5 11.3
130 22.8 16.1 24.1

Manual Integrations
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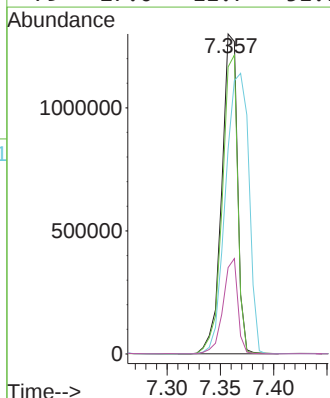
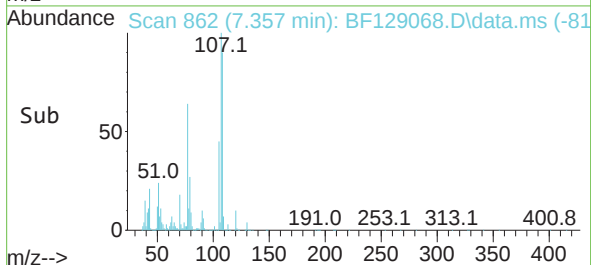
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

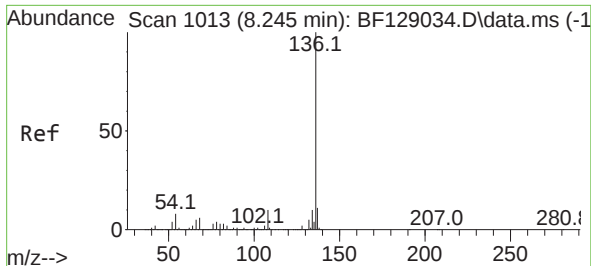


#20
3+4-Methylphenols
Concen: 49.022 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:107 Resp: 1335712
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 64.1 59.3 99.3
79 27.0 11.7 51.7





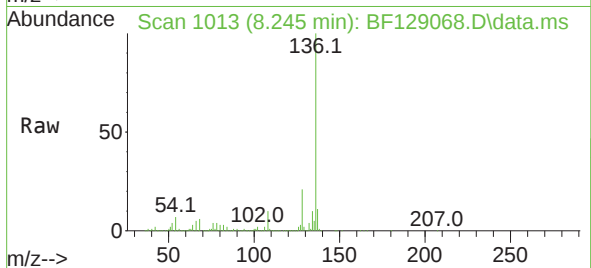
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

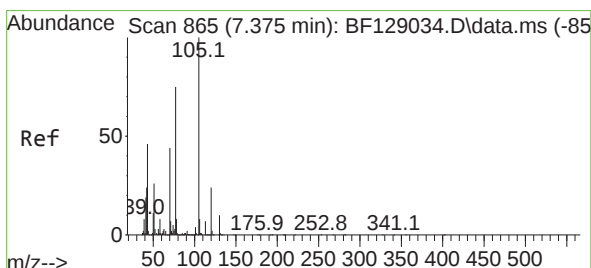
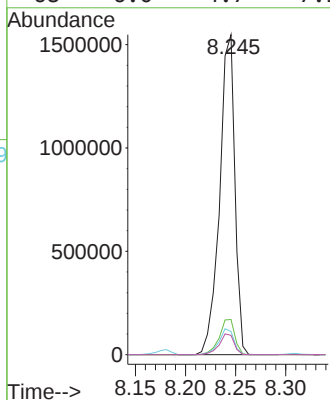
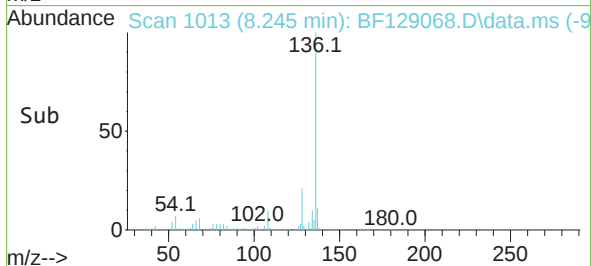


Tgt Ion:136 Resp: 163306
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 7.5 11.3
68 6.0 4.7 7.1

Manual Integrations

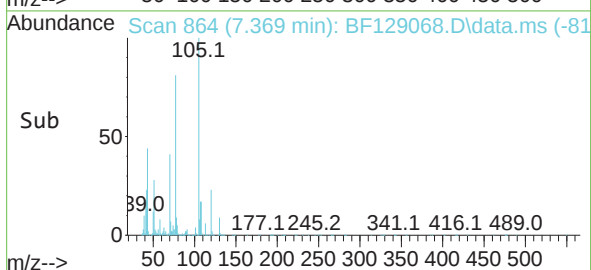
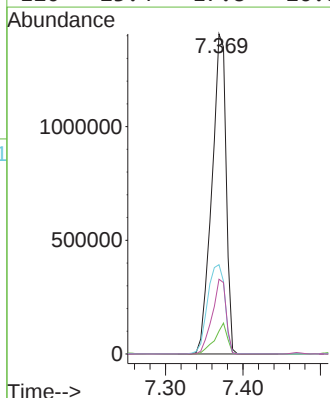
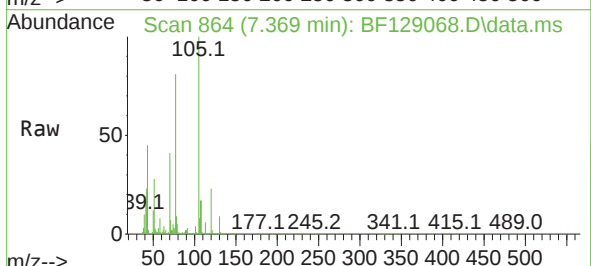
APPROVED

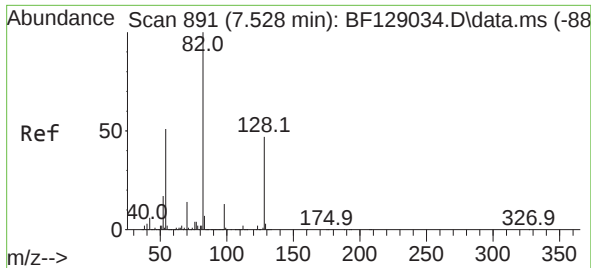
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 47.879 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

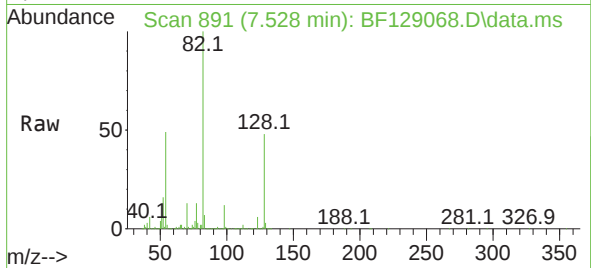
Tgt Ion:105 Resp: 1793672
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 27.9 25.0 37.4
120 23.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 86.129 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

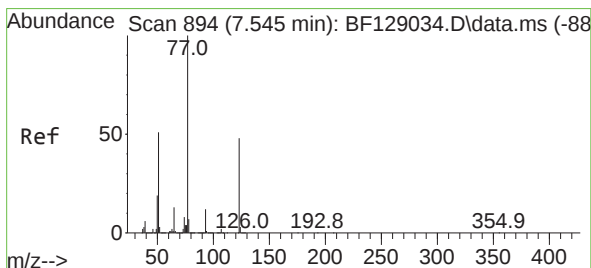
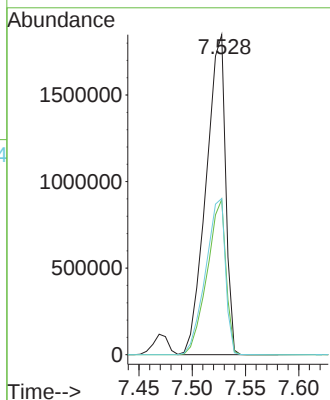
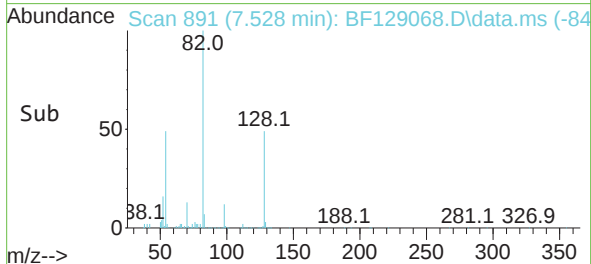
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion: 82 Resp: 2358124
Ion Ratio Lower Upper
82 100
128 48.5 34.0 51.0
54 48.8 46.9 70.3

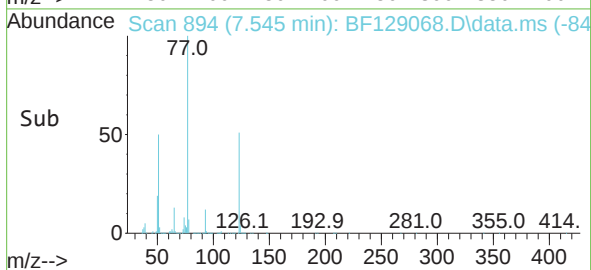
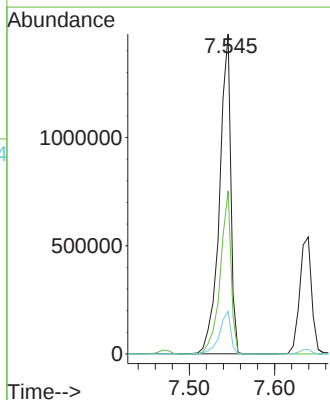
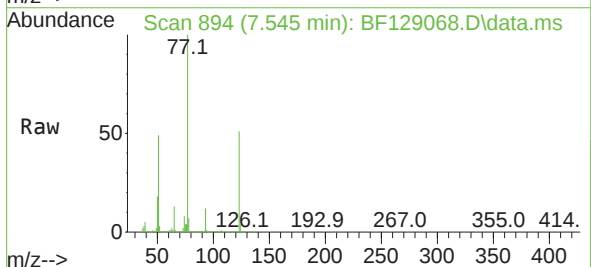
Manual Integrations
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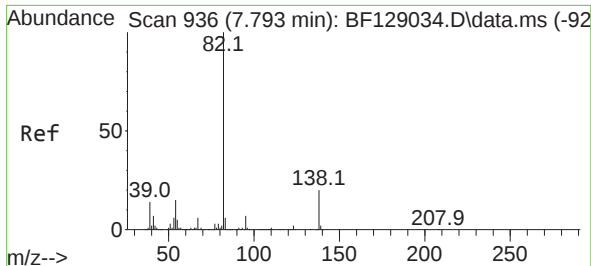
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#24
Nitrobenzene
Concen: 51.232 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

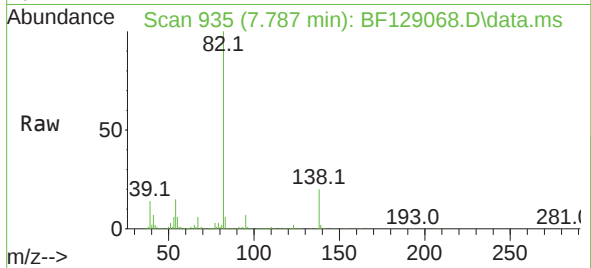
Tgt Ion: 77 Resp: 1357177
Ion Ratio Lower Upper
77 100
123 51.0 35.4 53.2
65 13.3 11.8 17.8





#25
Isophorone
Concen: 53.169 ng
RT: 7.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

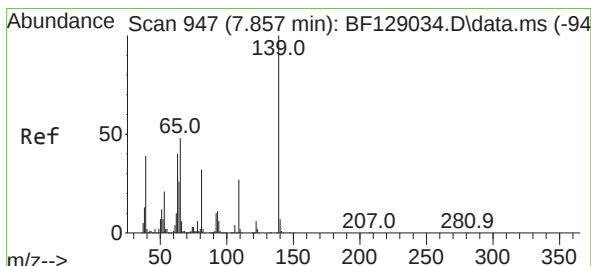
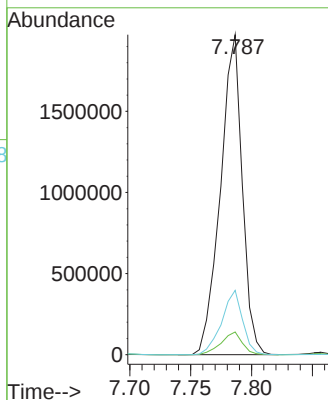
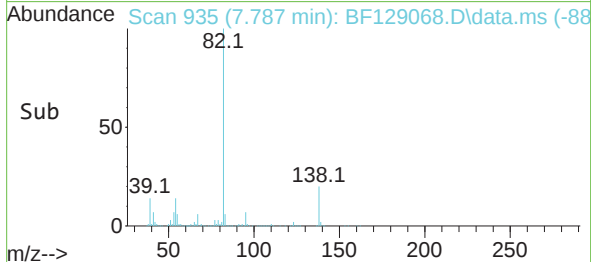
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



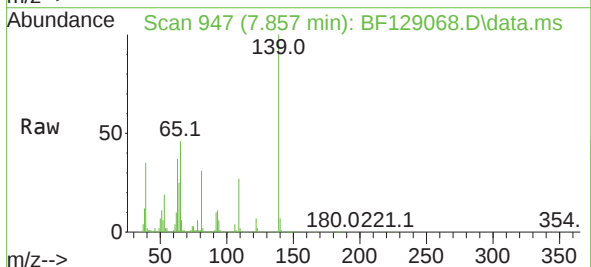
Tgt Ion: 82 Resp: 2460220
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 20.1 14.2 21.2

Manual Integrations
APPROVED

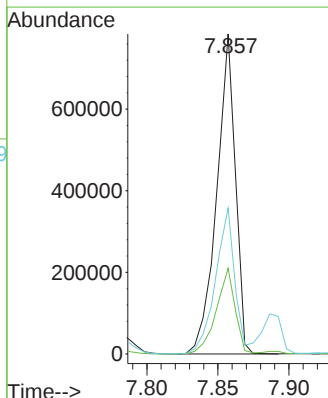
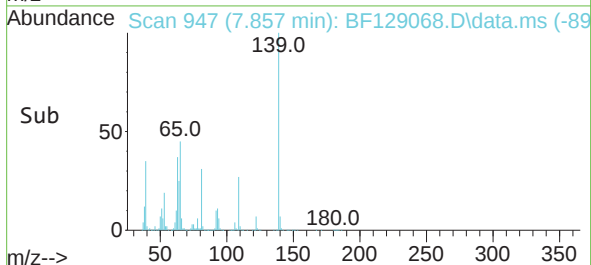
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

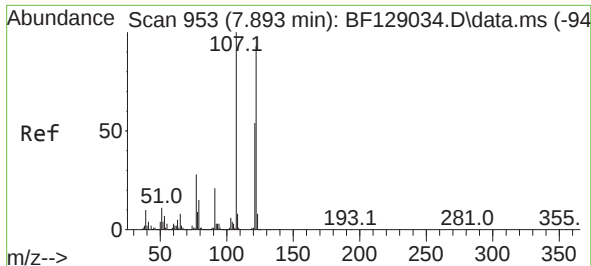


#26
2-Nitrophenol
Concen: 58.187 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:139 Resp: 716393
Ion Ratio Lower Upper
139 100
109 26.8 25.0 37.4
65 45.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 54.995 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129068.D

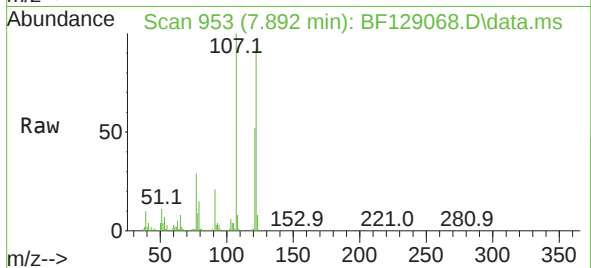
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD



Tgt Ion:122 Resp: 122241

Ion Ratio Lower Upper

122 100

107 108.2 93.0 139.6

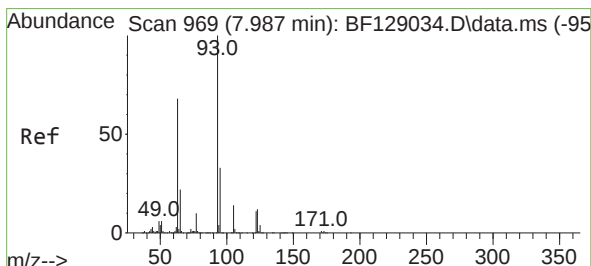
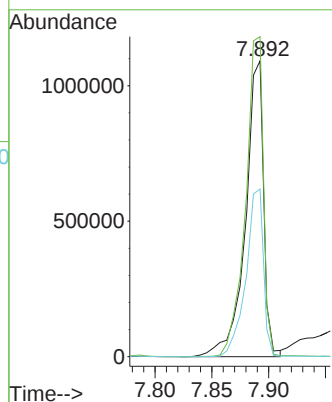
121 56.7 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.772 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

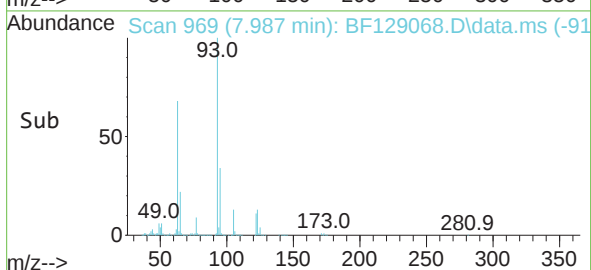
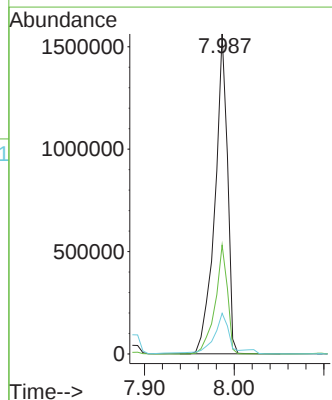
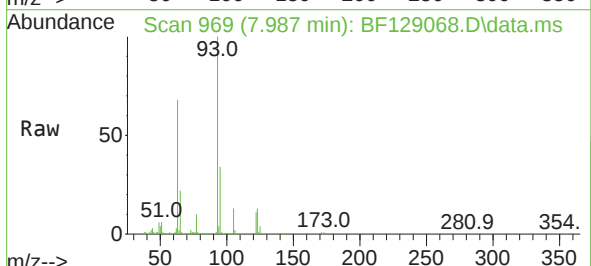
Tgt Ion: 93 Resp: 1518125

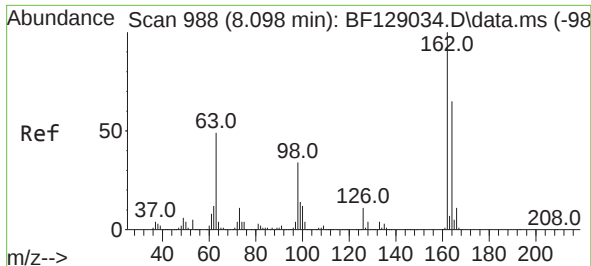
Ion Ratio Lower Upper

93 100

95 34.1 26.8 40.2

123 12.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.217 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

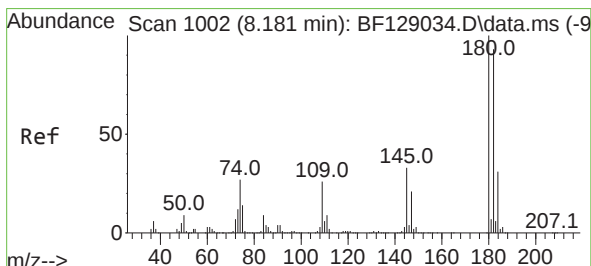
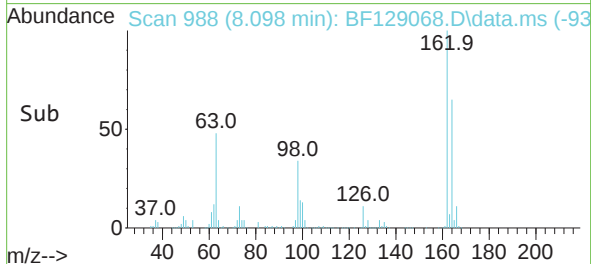
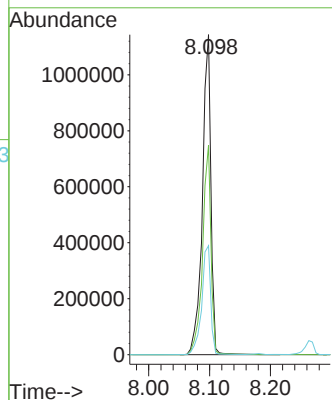
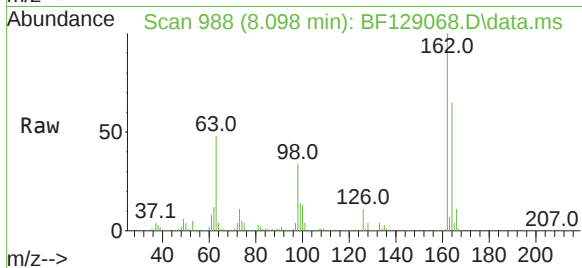
PH1-BOT-18MSD

Tgt Ion:162 Resp: 1115817
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.2 84.2
 98 34.0 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.041 ng

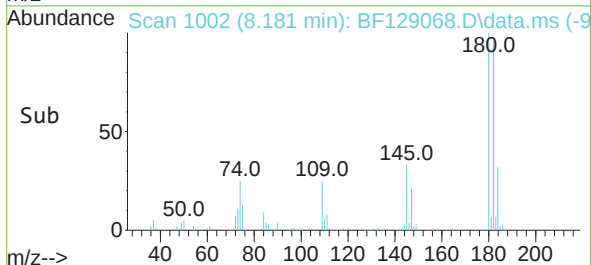
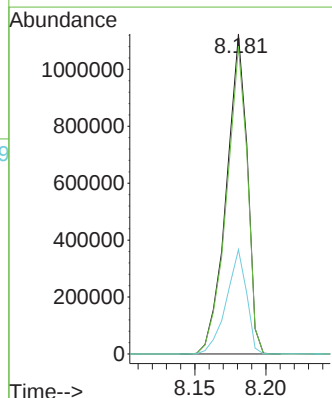
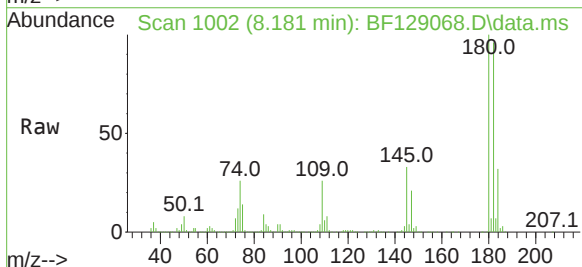
RT: 8.181 min Scan# 1002

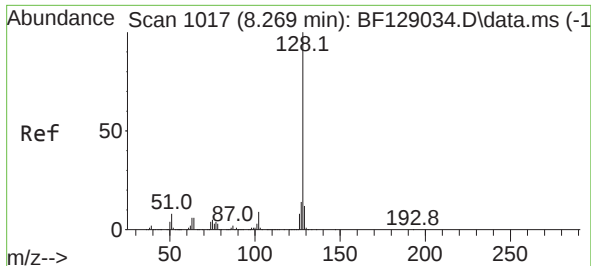
Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Tgt Ion:180 Resp: 1148657
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.2 118.8
 145 32.6 26.2 39.2





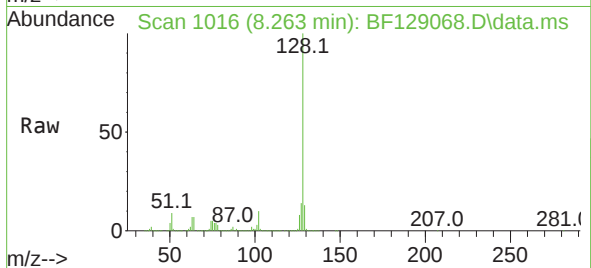
#31
Naphthalene
Concen: 48.000 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

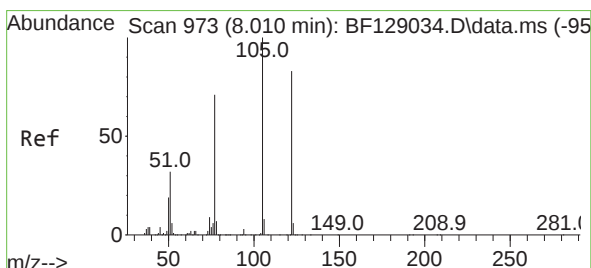
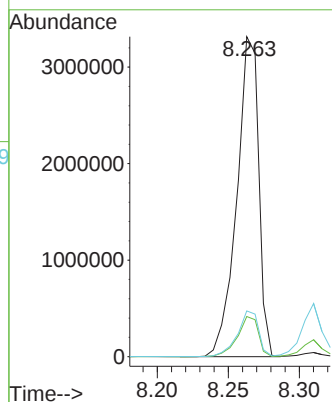
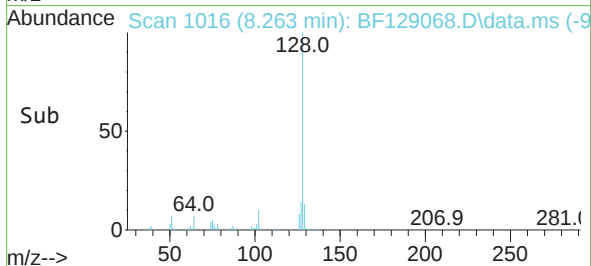


Tgt Ion:128 Resp: 355854
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.3 10.5 15.7

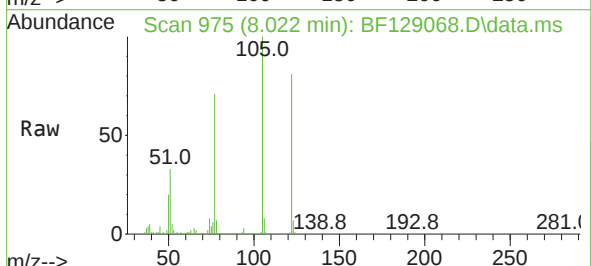
Manual Integrations

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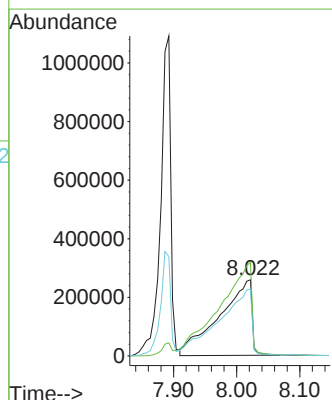
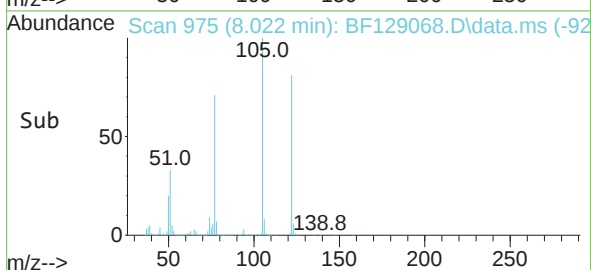
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

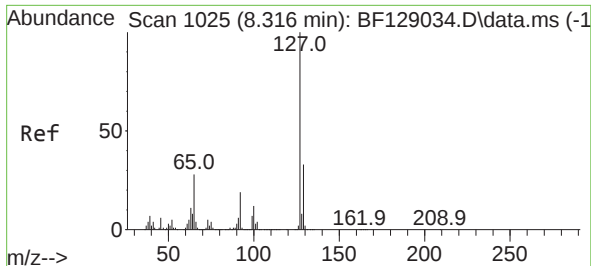


#32
Benzoic acid
Concen: 51.675 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:122 Resp: 921541
Ion Ratio Lower Upper
122 100
105 122.9 107.1 147.1
77 87.4 74.2 114.2





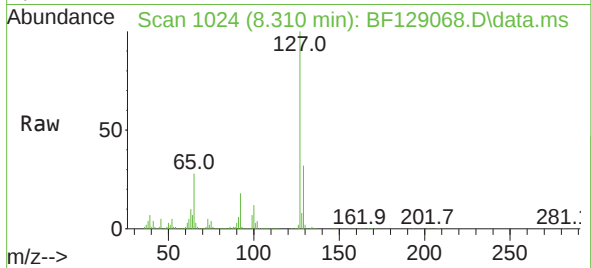
#33
4-Chloroaniline
Concen: 18.948 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

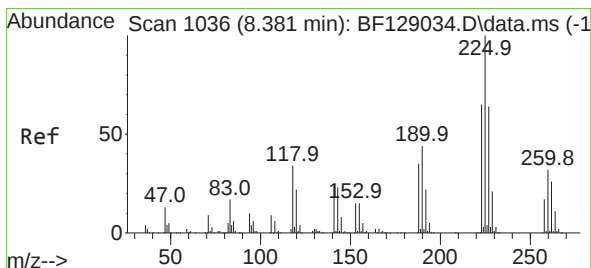
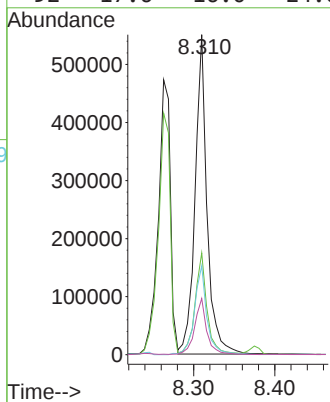
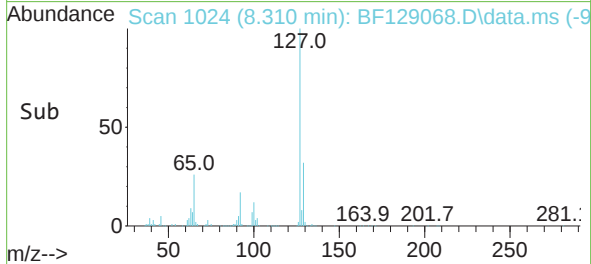


Tgt Ion:127 Resp: 56604
Ion Ratio Lower Upper
127 100
129 31.8 26.4 39.6
65 27.8 26.4 39.6
92 17.6 16.0 24.0

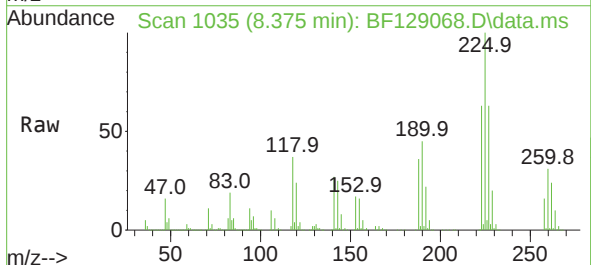
Manual Integrations

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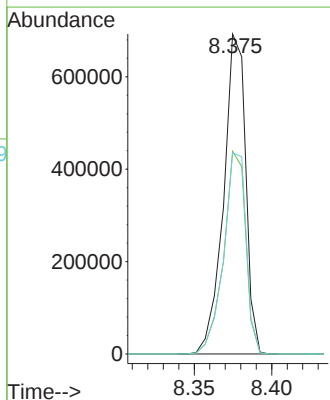
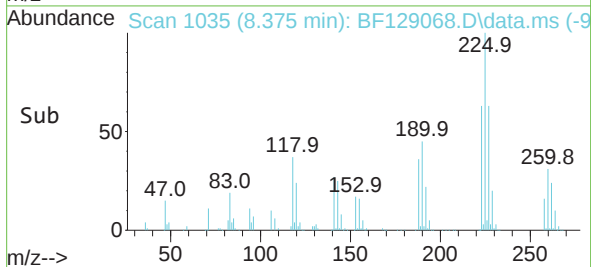
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

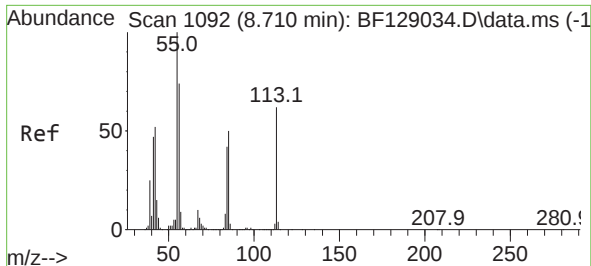


#34
Hexachlorobutadiene
Concen: 45.936 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



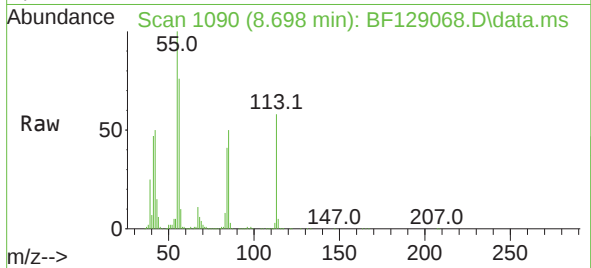
Tgt Ion:225 Resp: 684307
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 62.9 51.1 76.7





#35
Caprolactam
Concen: 46.958 ng m
RT: 8.698 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

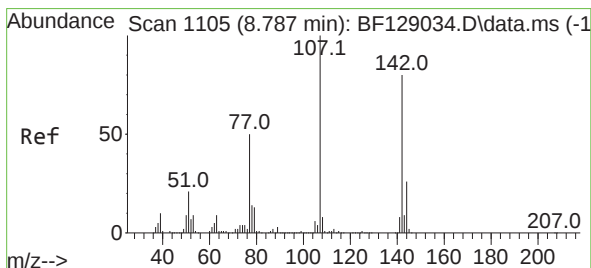
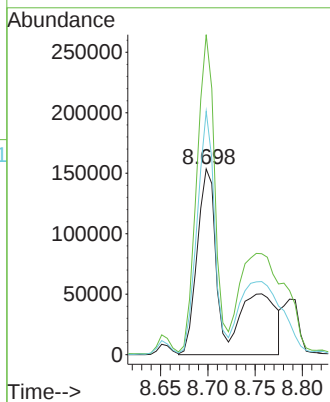
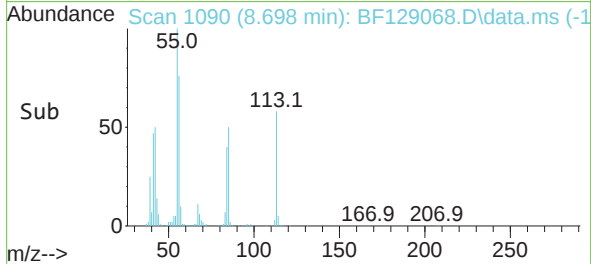
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion:113 Resp: 337590
Ion Ratio Lower Upper
113 100
55 172.3 188.5 228.5
56 131.0 130.6 170.6

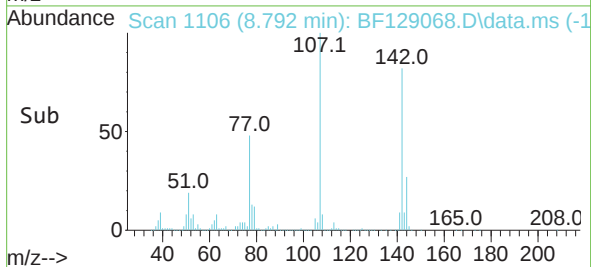
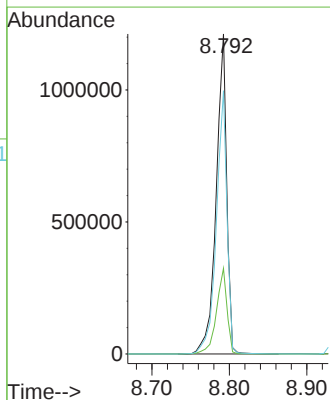
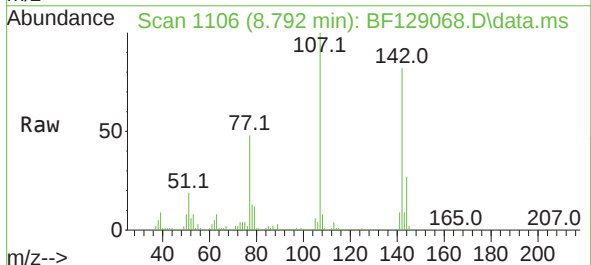
Manual Integrations
APPROVED

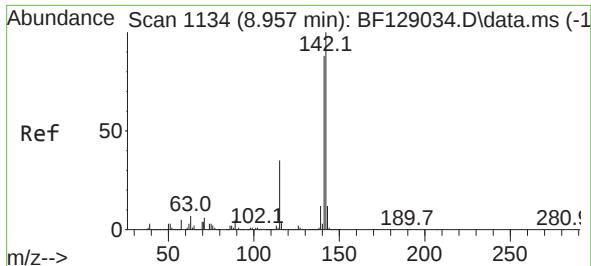
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 49.642 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:107 Resp: 1143496
Ion Ratio Lower Upper
107 100
144 26.8 19.5 29.3
142 82.2 58.2 87.4





#37

2-Methylnaphthalene

Concen: 48.323 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

Tgt Ion:142 Resp: 2410659

Ion Ratio Lower Upper

142 100

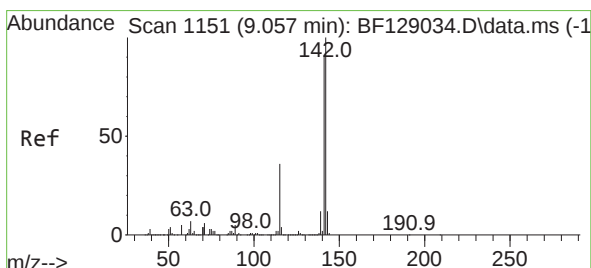
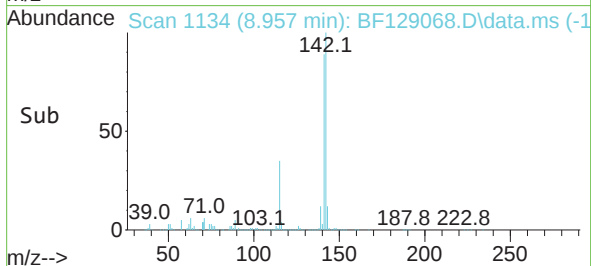
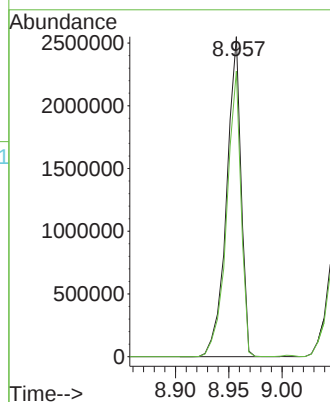
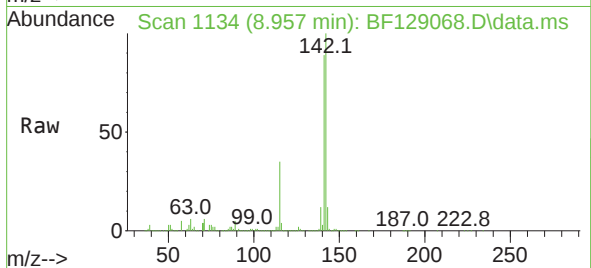
141 89.2 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#38

1-Methylnaphthalene

Concen: 47.814 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129068.D

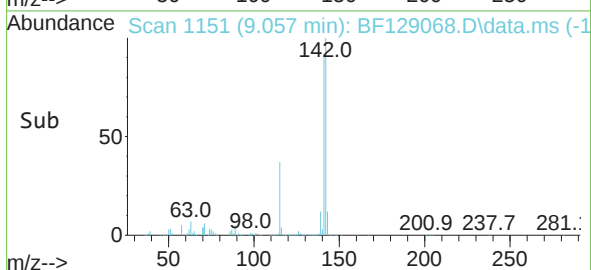
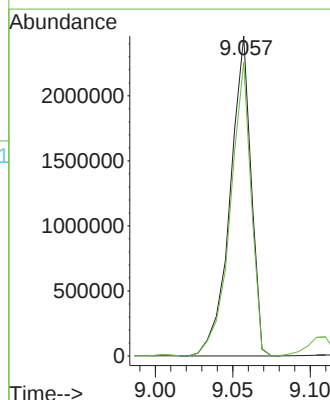
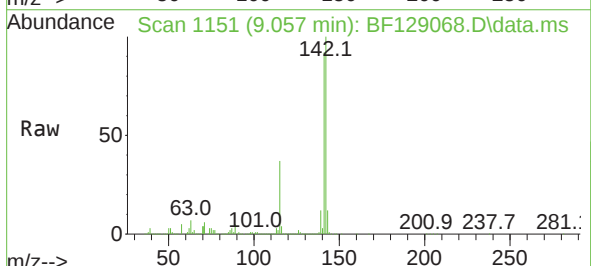
Acq: 30 Jun 2022 19:59

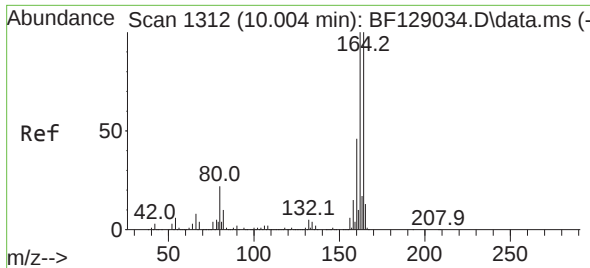
Tgt Ion:142 Resp: 2316396

Ion Ratio Lower Upper

142 100

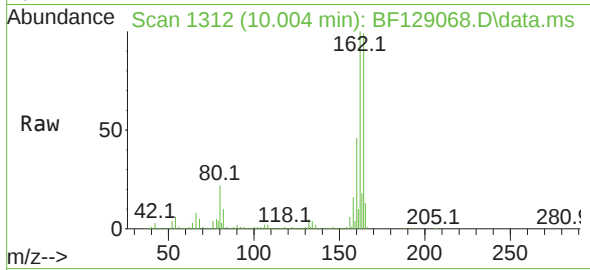
141 91.8 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

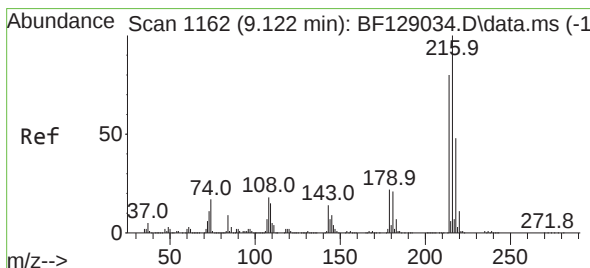
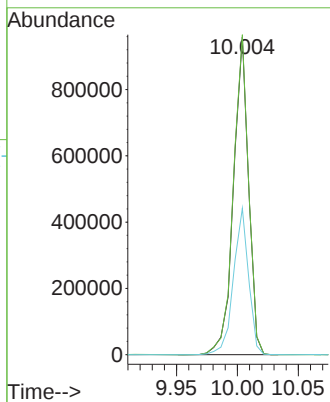
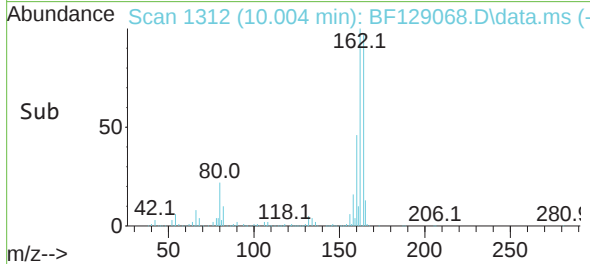
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion:164 Resp: 827350
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 46.1 34.2 51.4

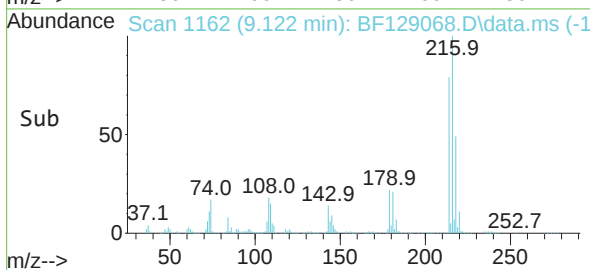
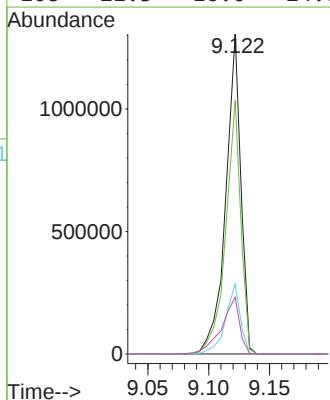
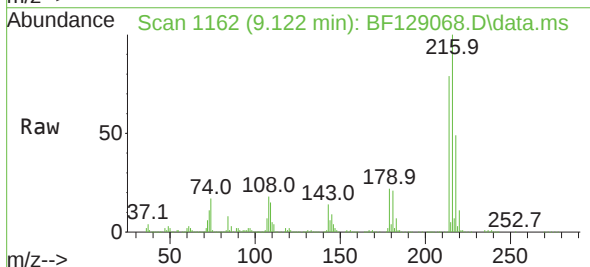
Manual Integrations
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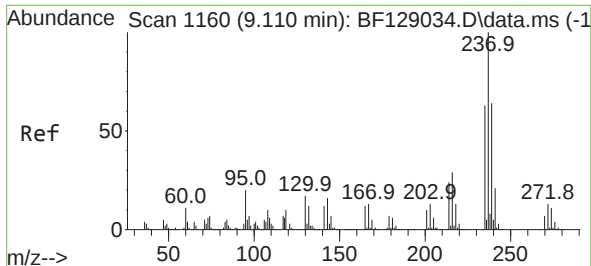
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.461 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

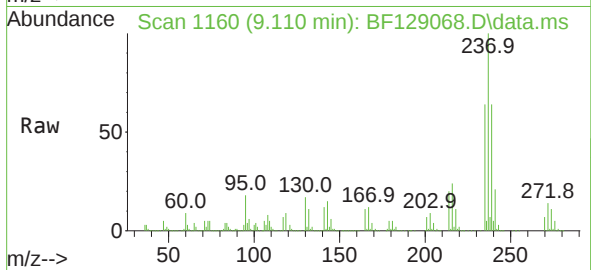
Tgt Ion:216 Resp: 1126991
Ion Ratio Lower Upper
216 100
214 78.8 63.6 95.4
179 21.4 17.0 25.6
108 21.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 101.453 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

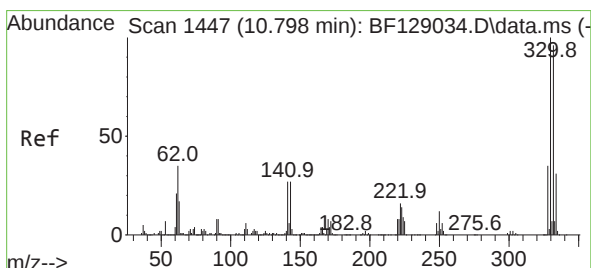
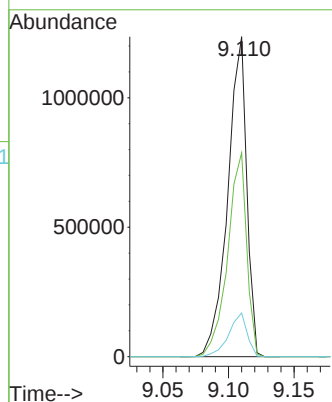
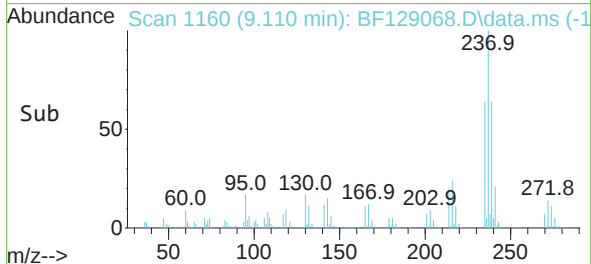
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



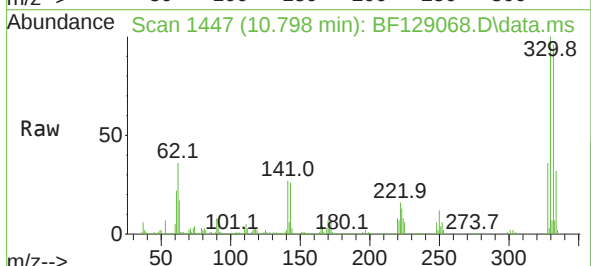
Tgt Ion:237 Resp: 124538
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 13.6 0.0 31.9

Manual Integrations
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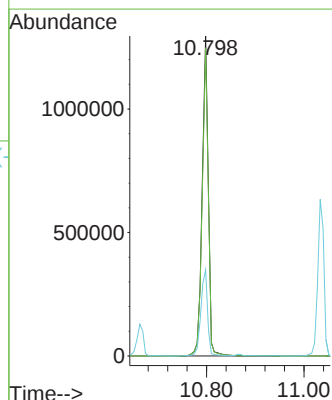
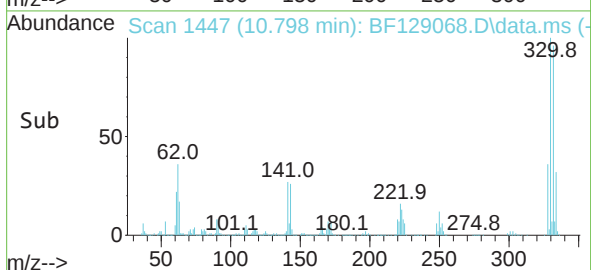
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

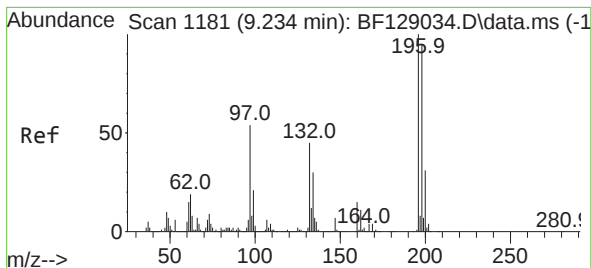


#42
2,4,6-Tribromophenol
Concen: 125.568 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:330 Resp: 1129633
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 29.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 50.762 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

Tgt Ion:196 Resp: 804086

Ion Ratio Lower Upper

196 100

198 95.2 74.0 111.0

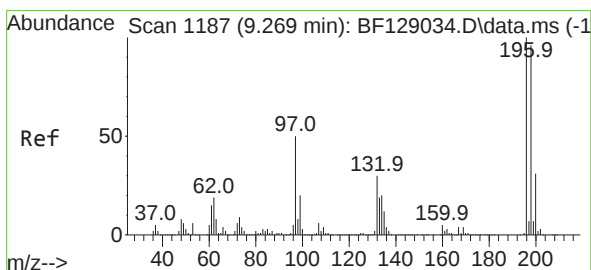
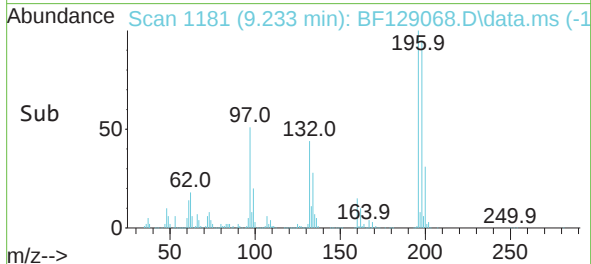
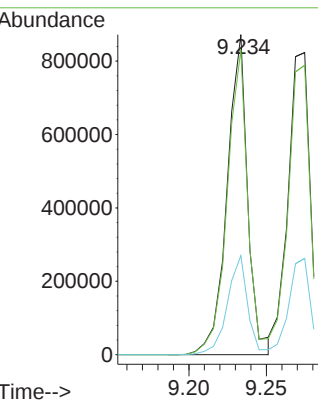
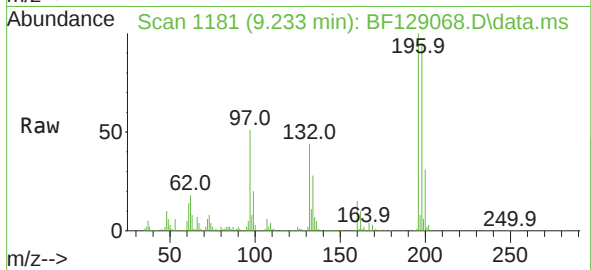
200 31.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 48.831 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Tgt Ion:196 Resp: 822761

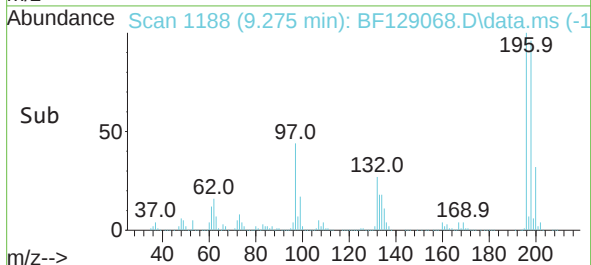
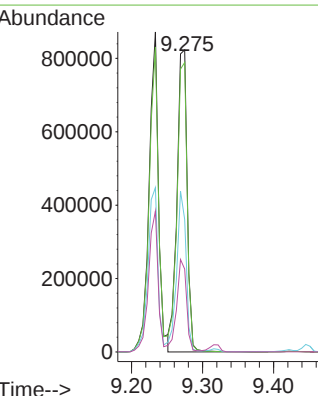
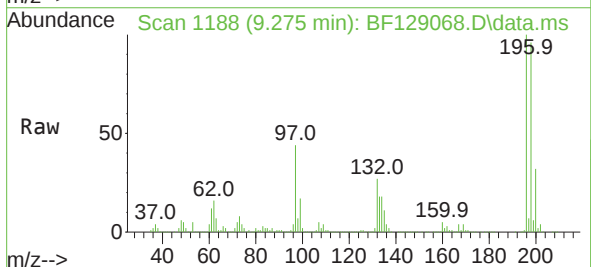
Ion Ratio Lower Upper

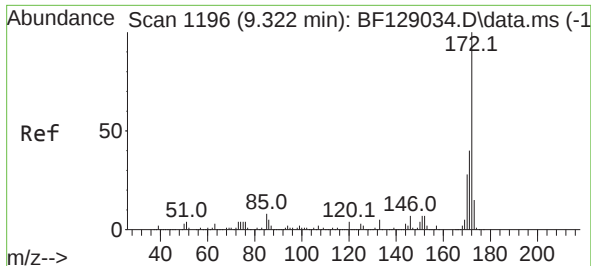
196 100

198 95.8 75.7 113.5

97 43.9 36.4 54.6

132 27.5 20.7 31.1





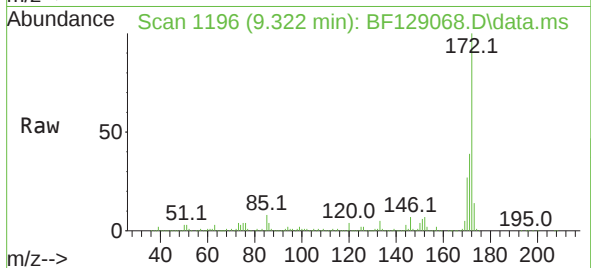
#45
2-Fluorobiphenyl
Concen: 77.933 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

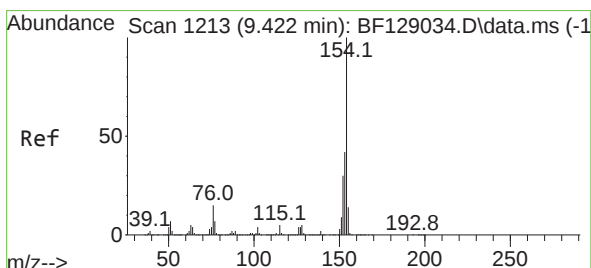
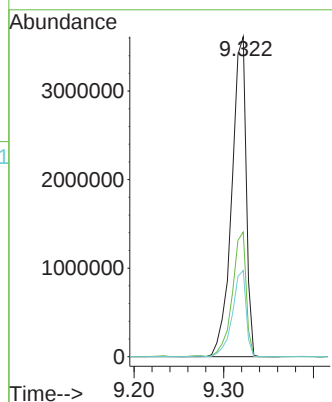
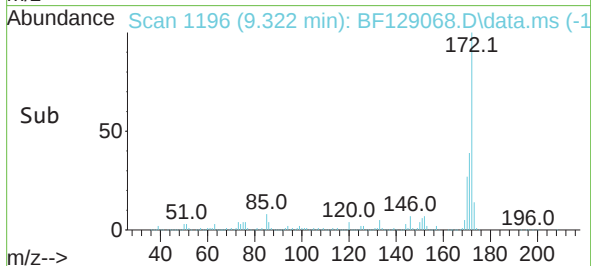


Tgt Ion:172 Resp: 4030390
Ion Ratio Lower Upper
172 100
171 39.0 28.8 43.2
170 27.0 19.8 29.8

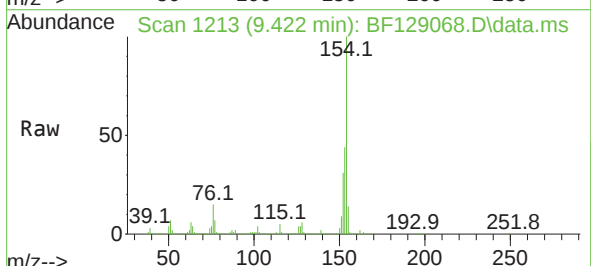
Manual Integrations

APPROVED

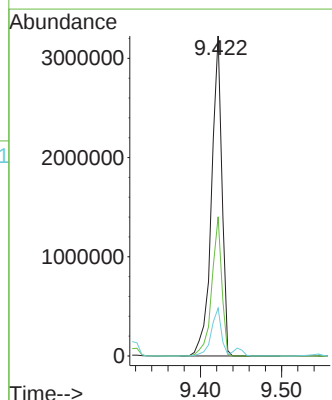
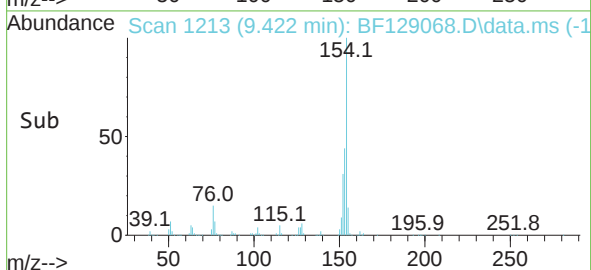
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

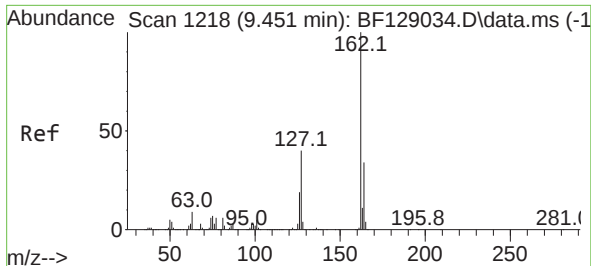


#46
1,1'-Biphenyl
Concen: 48.202 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:154 Resp: 2867105
Ion Ratio Lower Upper
154 100
153 43.5 20.6 60.6
76 15.0 0.0 33.3





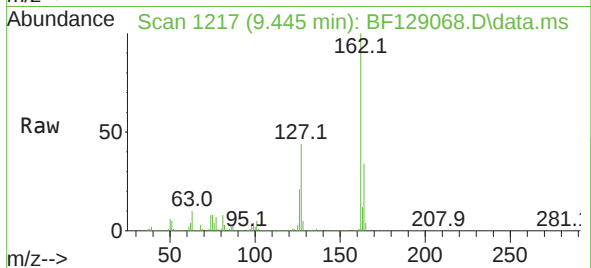
#47
2-Chloronaphthalene
Concen: 48.569 ng
RT: 9.445 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

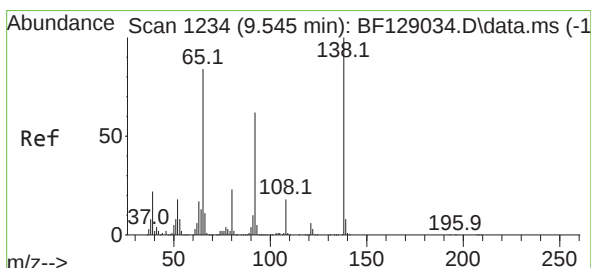
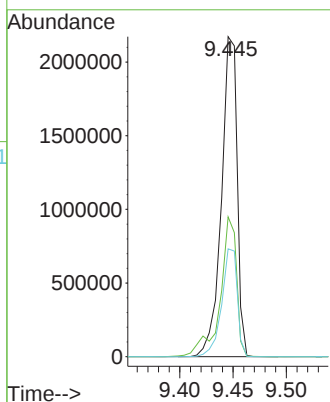
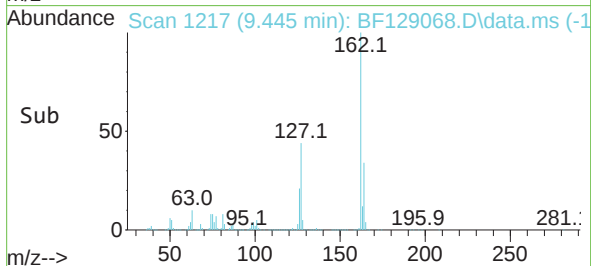


Tgt Ion:162 Resp: 223093
Ion Ratio Lower Upper
162 100
127 43.7 34.5 51.7
164 33.7 26.5 39.7

Manual Integrations

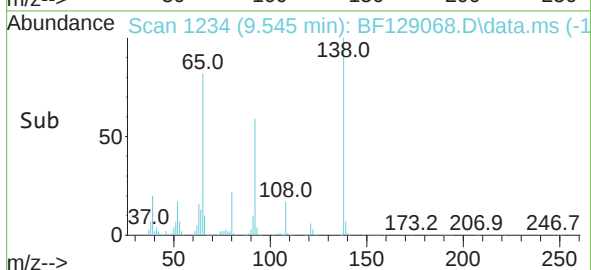
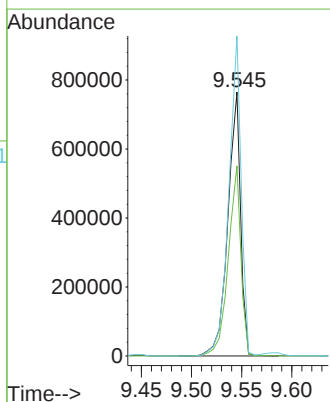
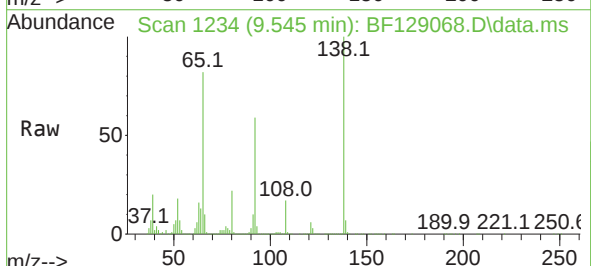
APPROVED

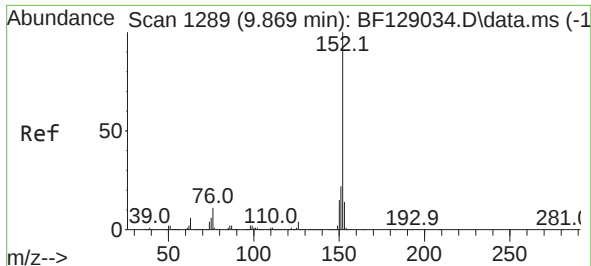
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48
2-Nitroaniline
Concen: 55.914 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion: 65 Resp: 676437
Ion Ratio Lower Upper
65 100
92 72.1 51.9 77.9
138 121.3 76.4 114.6#





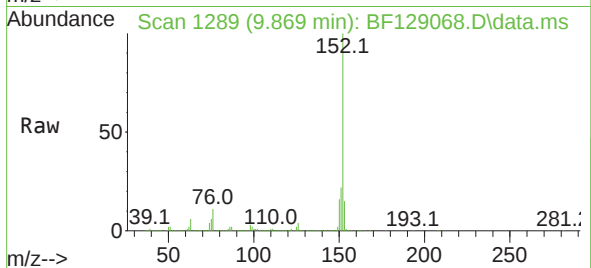
#49
Acenaphthylene
Concen: 48.809 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

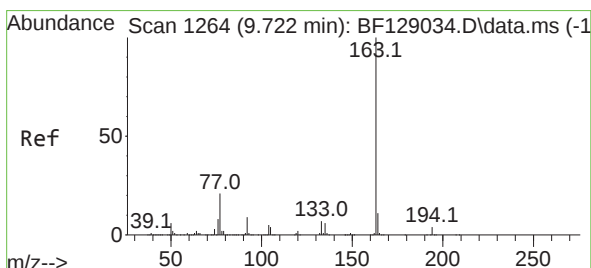
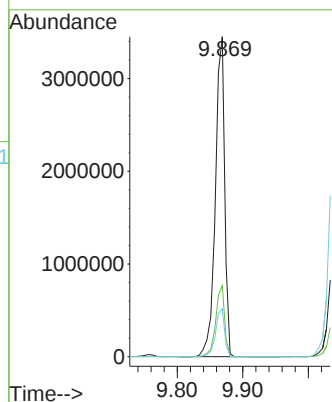


Tgt Ion:152 Resp: 340665
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 15.0 10.7 16.1

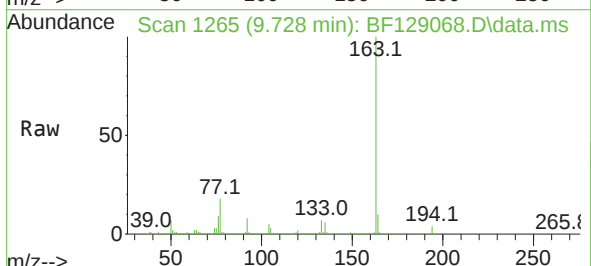
Manual Integrations

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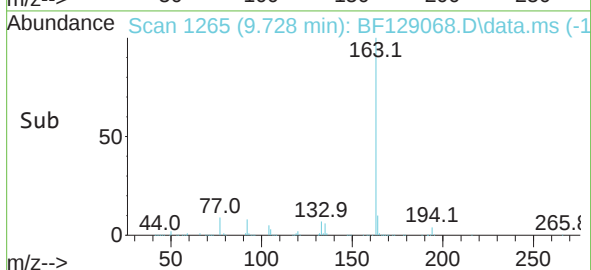
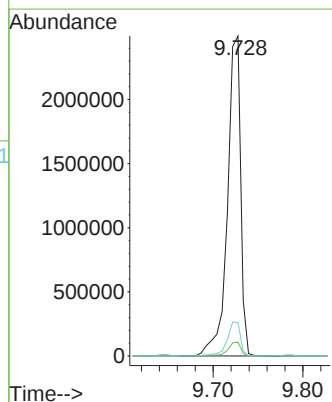
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

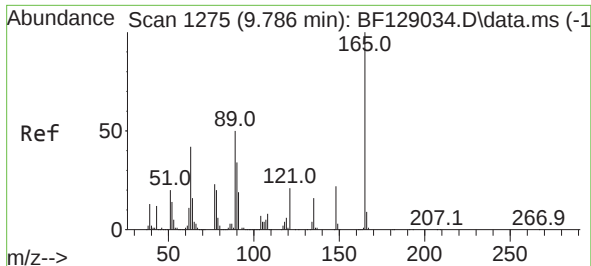


#50
Dimethylphthalate
Concen: 49.217 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:163 Resp: 2547451
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.4 8.2 12.2





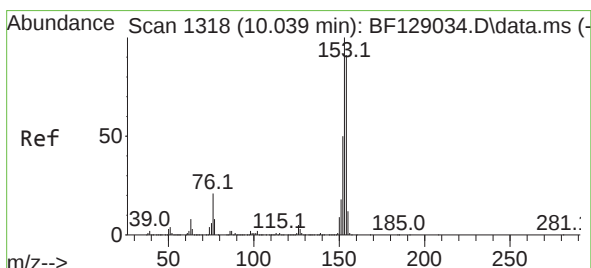
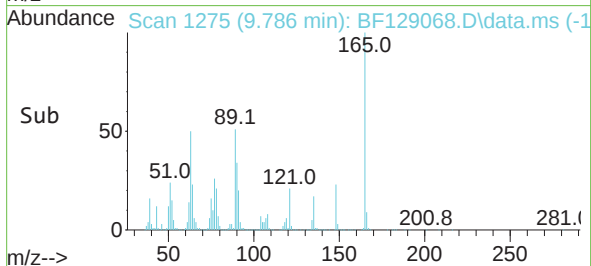
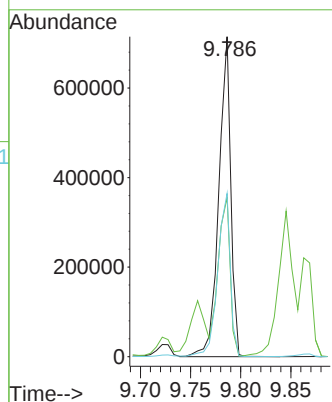
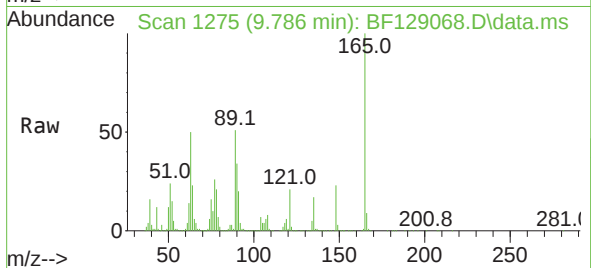
#51
2,6-Dinitrotoluene
Concen: 55.993 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD

Tgt Ion:165 Resp: 592222
Ion Ratio Lower Upper
165 100
63 49.8 44.9 67.3
89 51.0 43.6 65.4

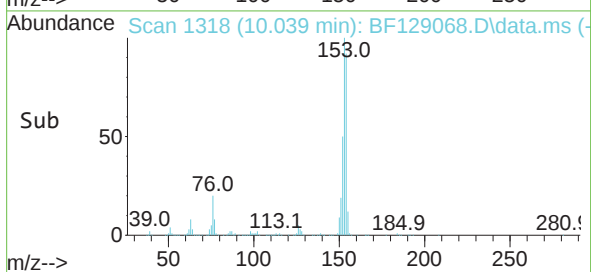
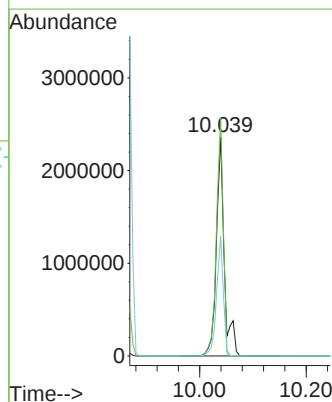
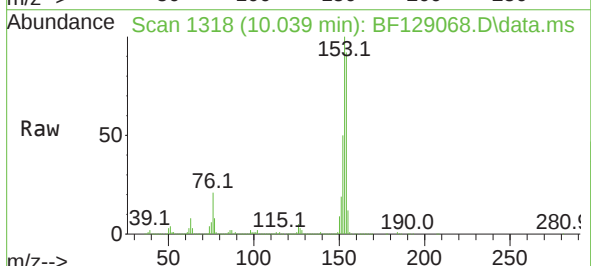
Manual Integrations
APPROVED

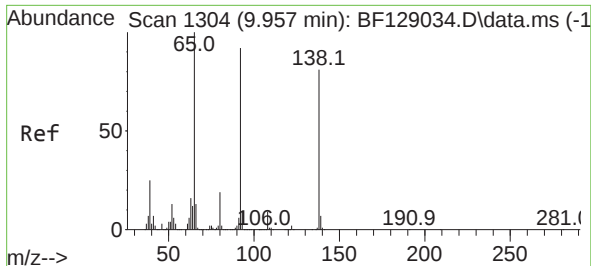
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 54.084 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:154 Resp: 2458784
Ion Ratio Lower Upper
154 100
153 109.0 89.6 134.4
152 54.7 42.4 63.6





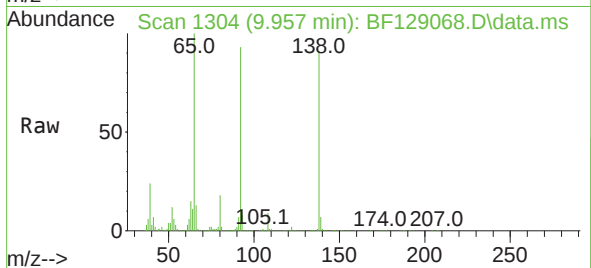
#53
3-Nitroaniline
Concen: 30.254 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

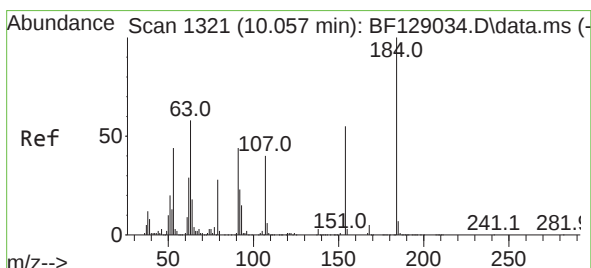
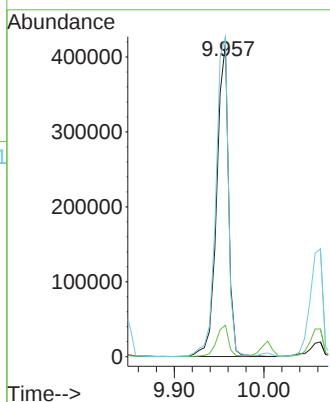
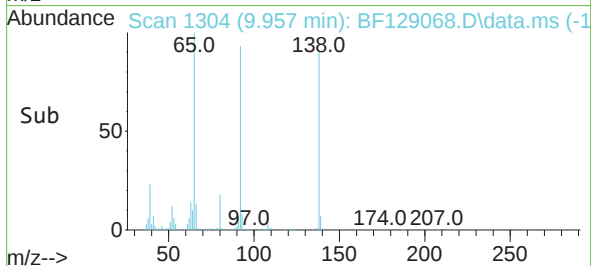


Tgt Ion:138 Resp: 381580
Ion Ratio Lower Upper
138 100
108 10.1 10.9 16.3
92 102.1 98.2 147.2

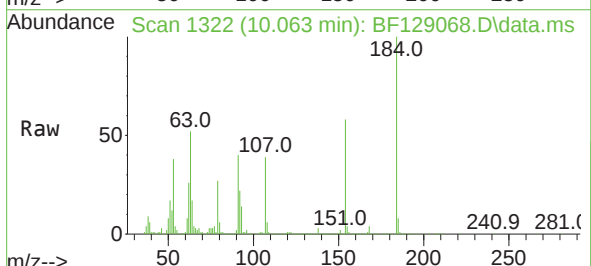
Manual Integrations

APPROVED

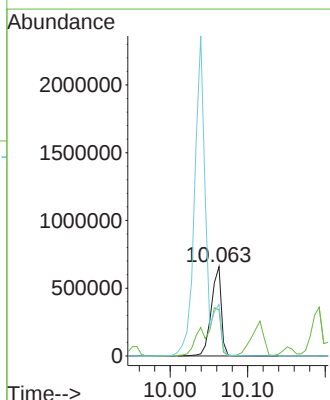
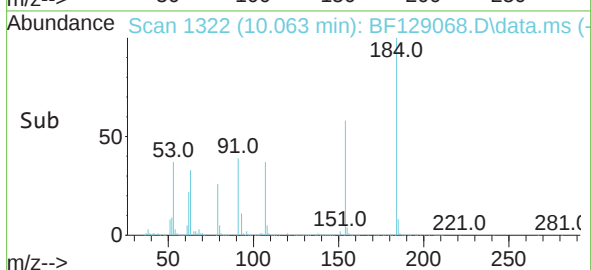
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

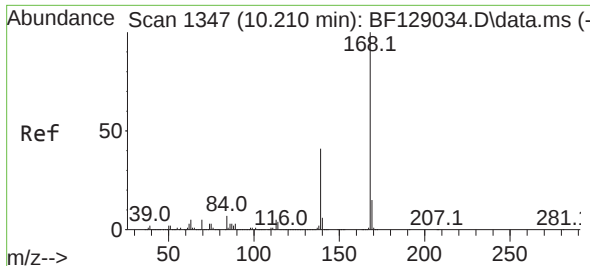


#54
2,4-Dinitrophenol
Concen: 101.610 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



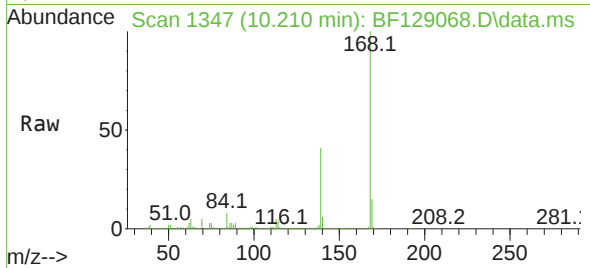
Tgt Ion:184 Resp: 592779
Ion Ratio Lower Upper
184 100
63 51.8 64.5 96.7
154 57.6 50.6 75.8





#55
Dibenzenofuran
Concen: 47.523 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

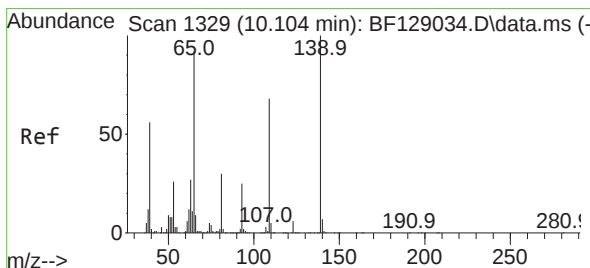
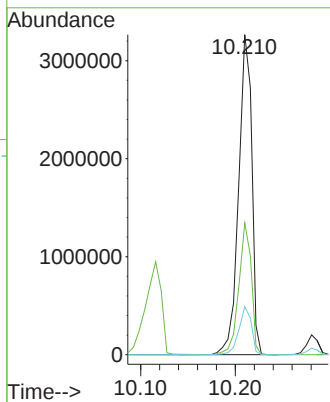
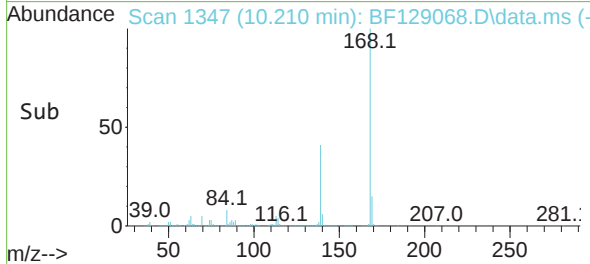
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



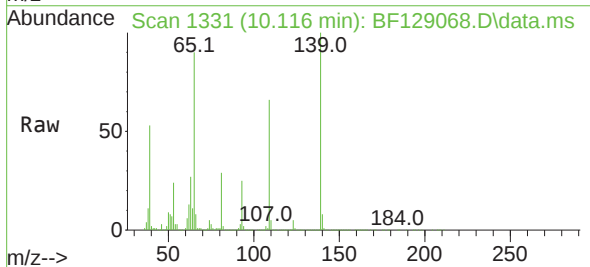
Tgt Ion:168 Resp: 314596
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 15.0 11.0 16.6

Manual Integrations
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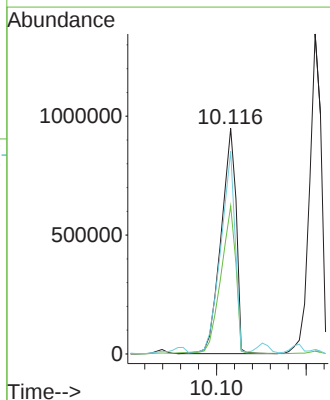
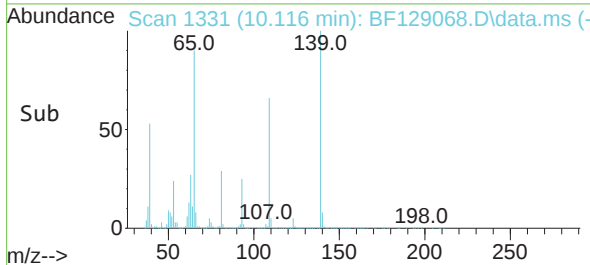
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

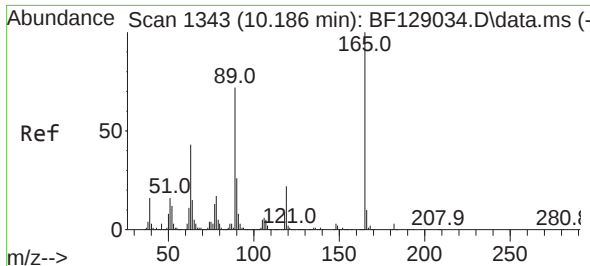


#56
4-Nitrophenol
Concen: 107.458 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:139 Resp: 1107399
Ion Ratio Lower Upper
139 100
109 65.6 50.7 90.7
65 89.8 74.5 114.5





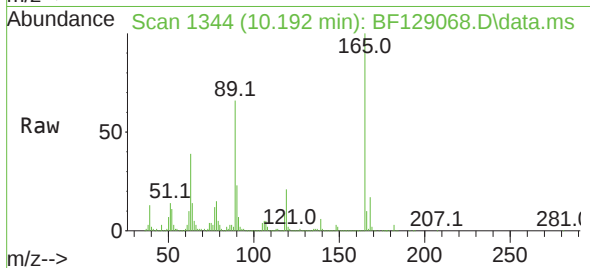
#57
2,4-Dinitrotoluene
Concen: 59.973 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

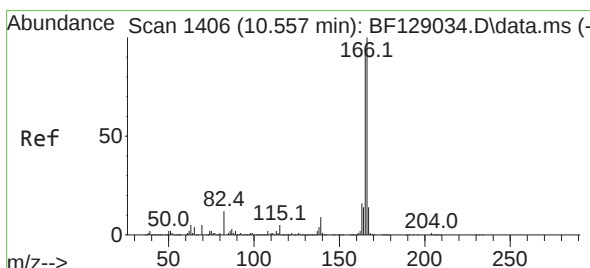
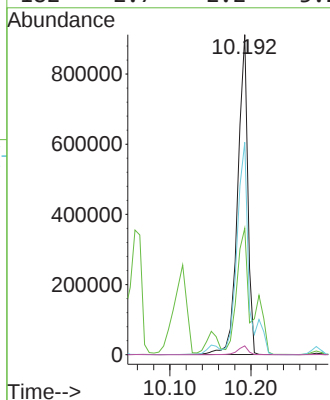
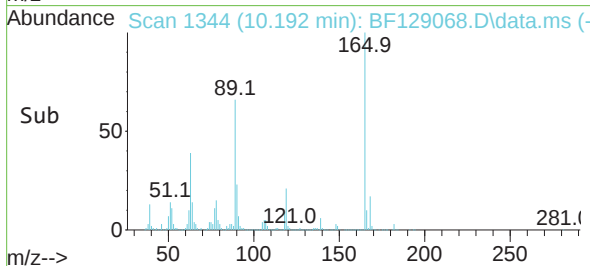


Tgt Ion:165 Resp: 783080
Ion Ratio Lower Upper
165 100
63 39.5 39.8 59.6
89 66.4 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations

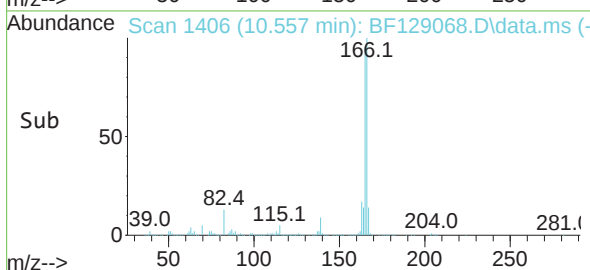
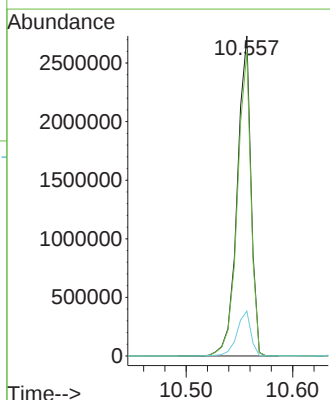
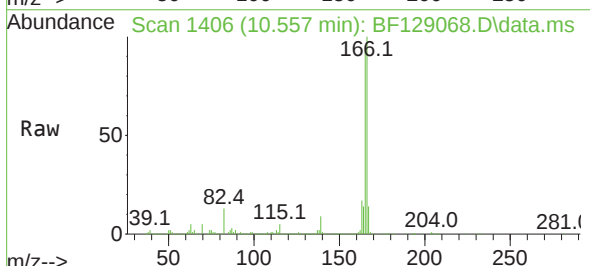
APPROVED

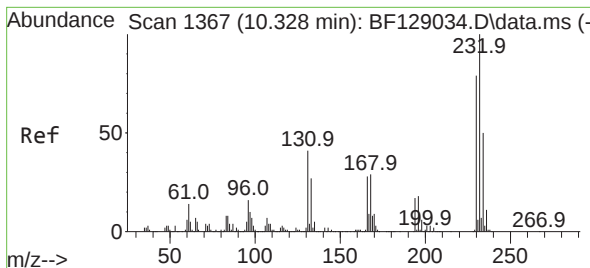
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 47.834 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

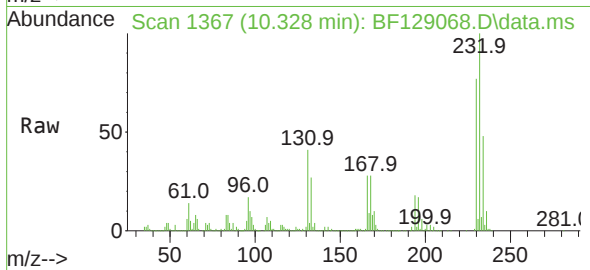
Tgt Ion:166 Resp: 2449416
Ion Ratio Lower Upper
166 100
165 95.0 78.1 117.1
167 14.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.235 ng m
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

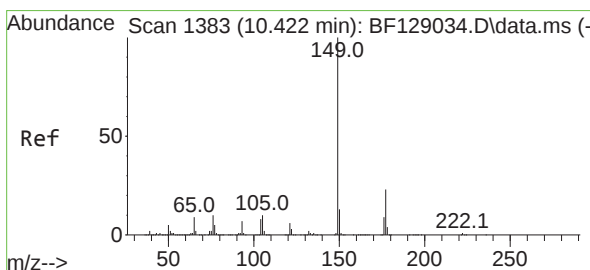
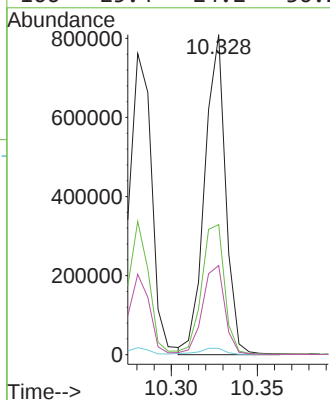
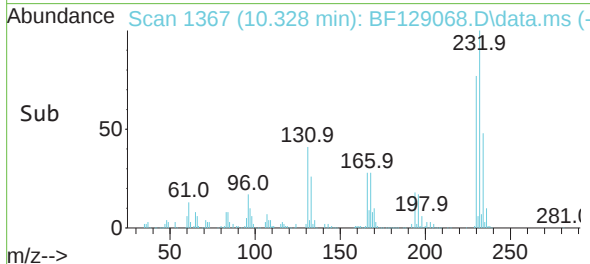
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



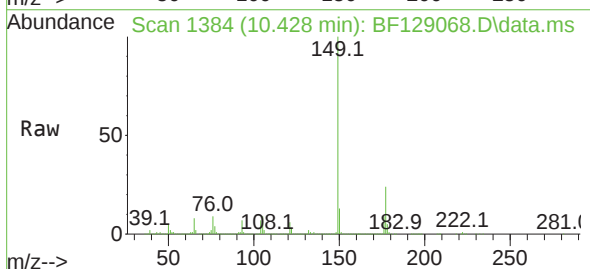
Tgt Ion:232 Resp: 687261
Ion Ratio Lower Upper
232 100
131 41.7 36.1 54.1
130 2.3 1.8 2.8
166 25.4 24.2 36.2

Manual Integrations
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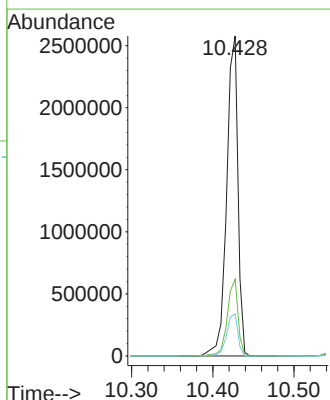
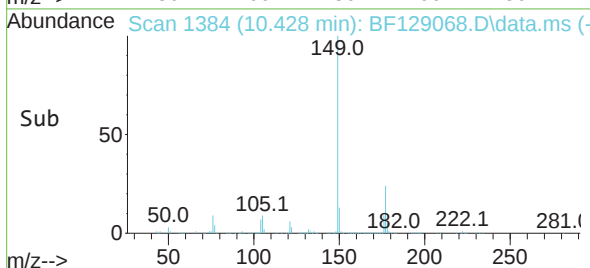
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

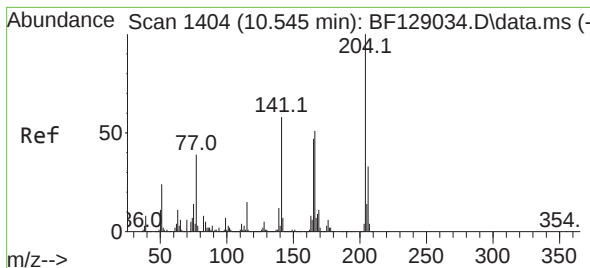


#60
Diethylphthalate
Concen: 47.956 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



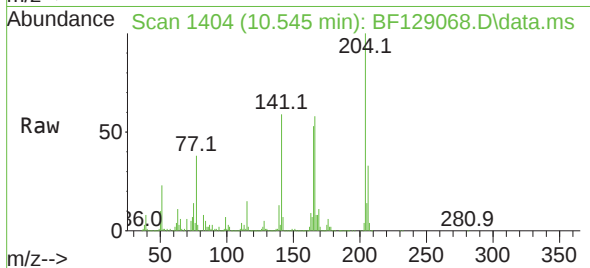
Tgt Ion:149 Resp: 2487198
Ion Ratio Lower Upper
149 100
177 24.0 17.3 25.9
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.112 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

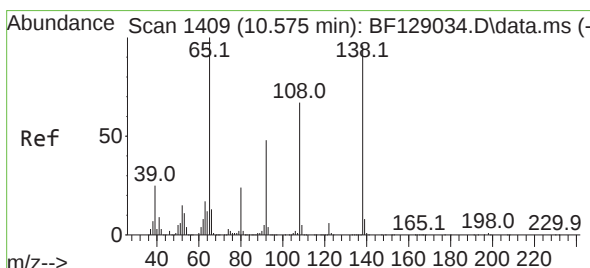
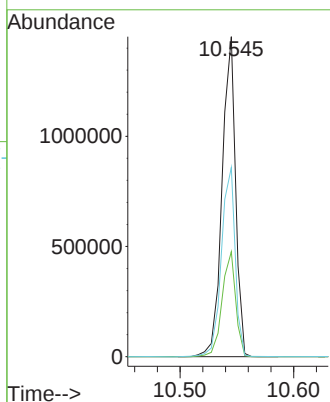
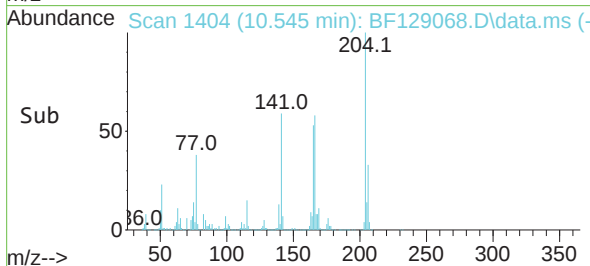
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



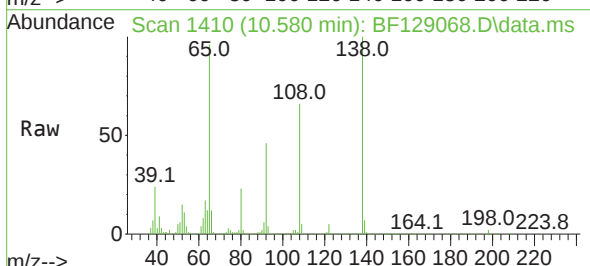
Tgt Ion:204 Resp: 120197
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 59.1 47.0 70.4

Manual Integrations
APPROVED

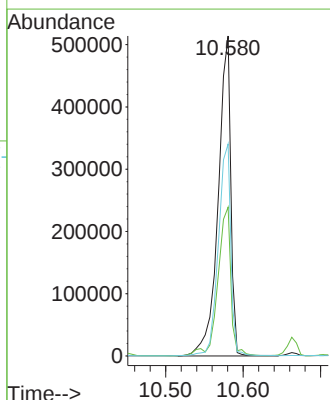
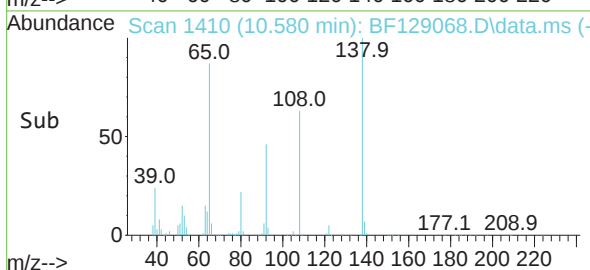
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

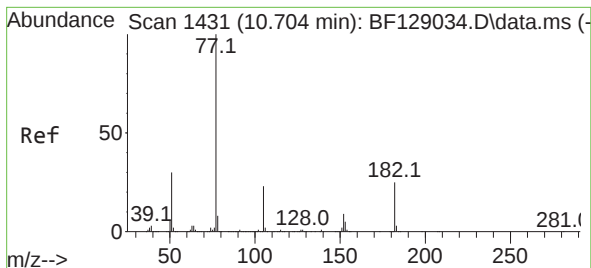


#62
4-Nitroaniline
Concen: 46.592 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



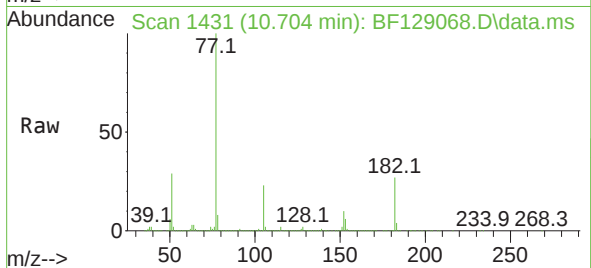
Tgt Ion:138 Resp: 582734
Ion Ratio Lower Upper
138 100
92 46.5 33.5 73.5
108 66.3 61.0 101.0





#63
Azobenzene
Concen: 47.644 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

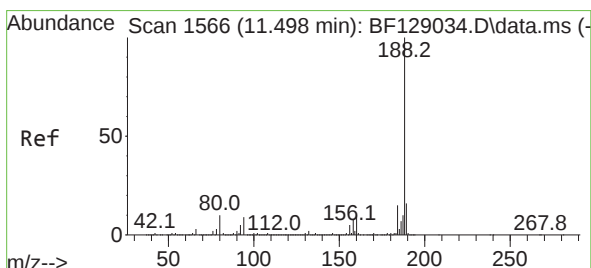
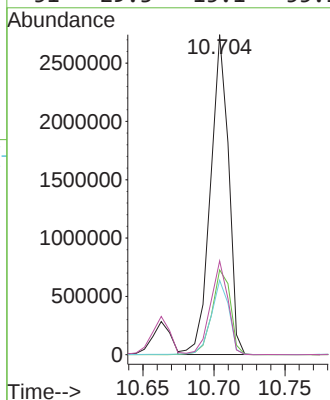
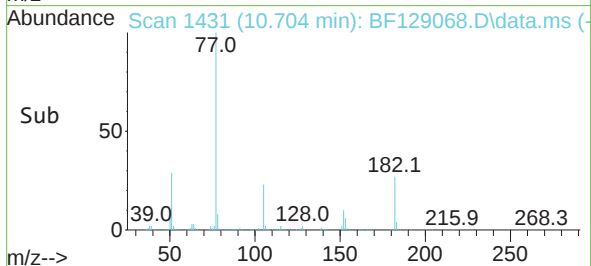
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion: 77 Resp: 2420976
Ion Ratio Lower Upper
77 100
182 26.5 5.6 45.6
105 23.3 1.6 41.6
51 29.3 15.1 55.1

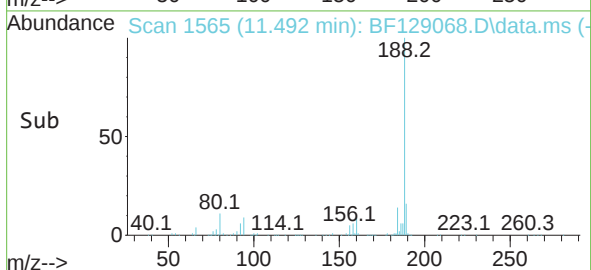
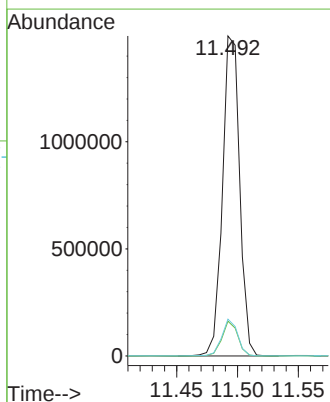
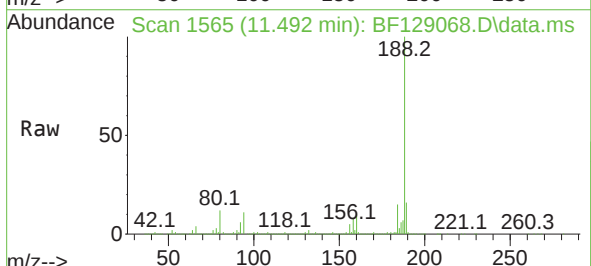
Manual Integrations
APPROVED

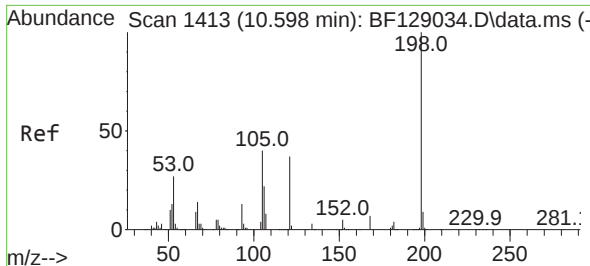
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

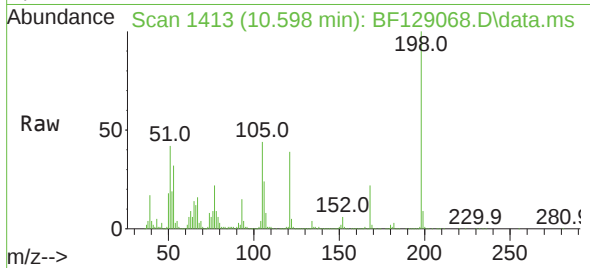
Tgt Ion:188 Resp: 1468674
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.5 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 53.322 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

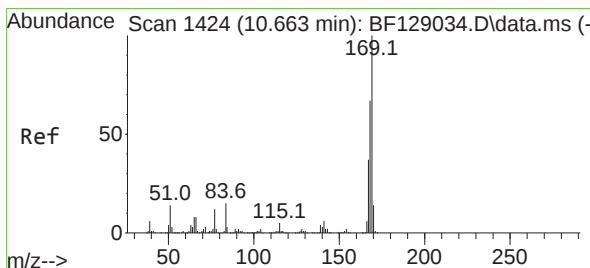
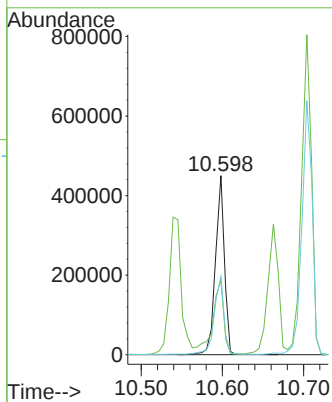
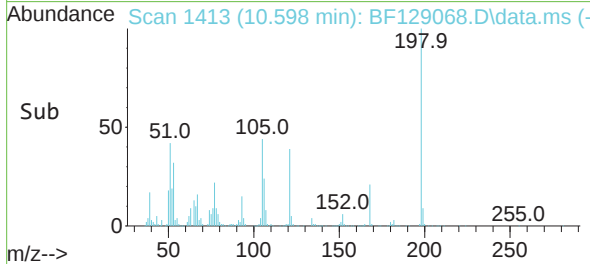
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



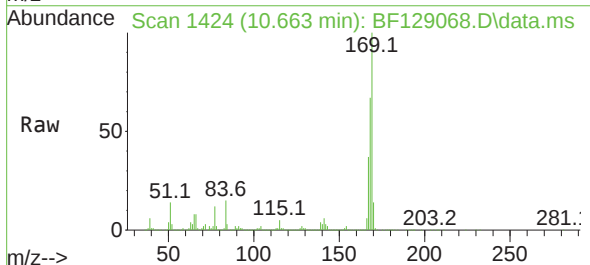
Tgt Ion:198 Resp: 346461
Ion Ratio Lower Upper
198 100
51 41.7 37.6 77.6
105 43.7 27.0 67.0

Manual Integrations
APPROVED

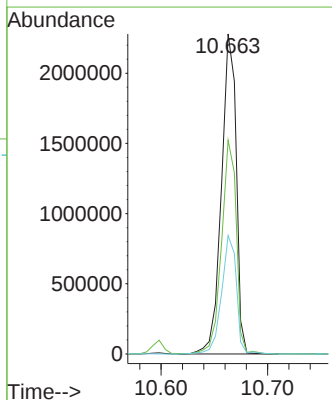
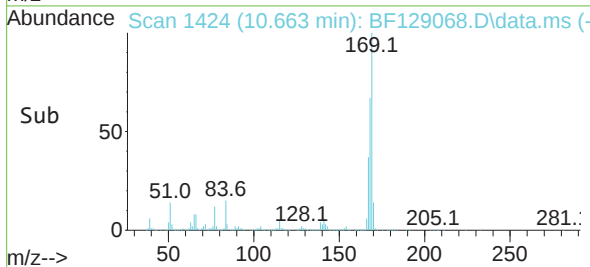
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

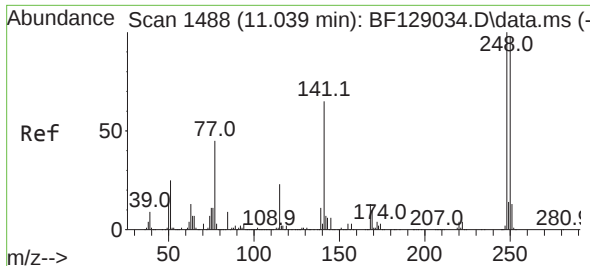


#66
n-Nitrosodiphenylamine
Concen: 49.125 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



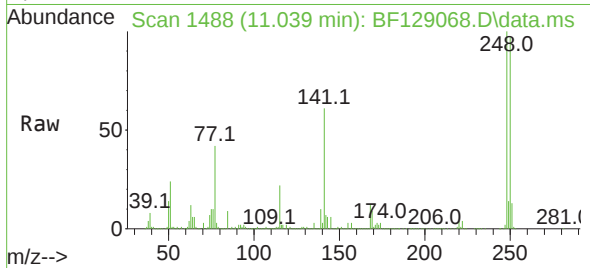
Tgt Ion:169 Resp: 2191184
Ion Ratio Lower Upper
169 100
168 66.8 50.1 75.1
167 37.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 49.537 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

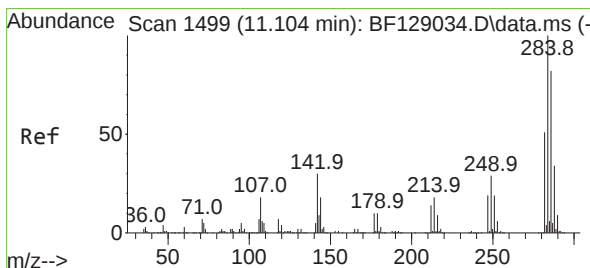
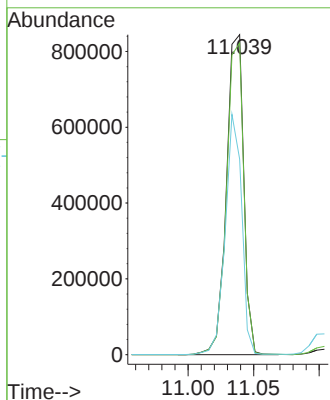
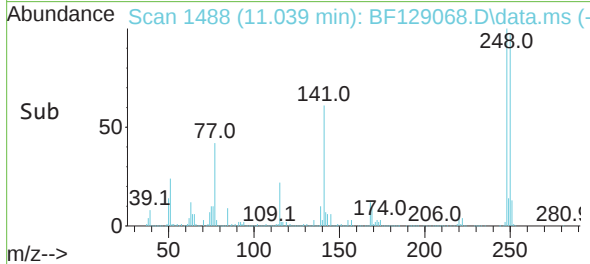
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



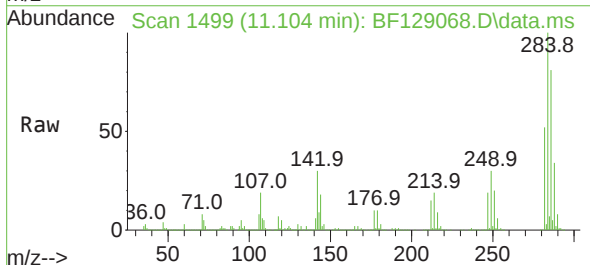
Tgt Ion:248 Resp: 773910
Ion Ratio Lower Upper
248 100
250 97.4 80.6 120.8
141 61.1 58.9 88.3

Manual Integrations
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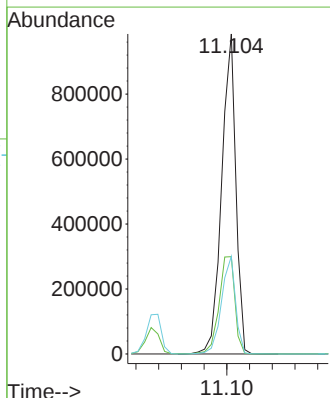
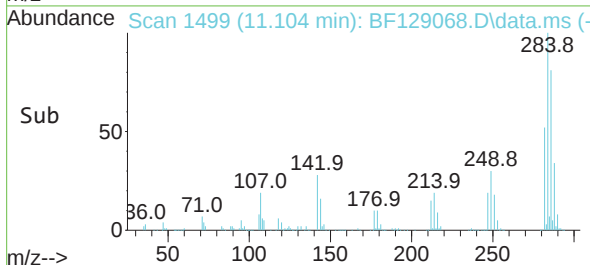
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

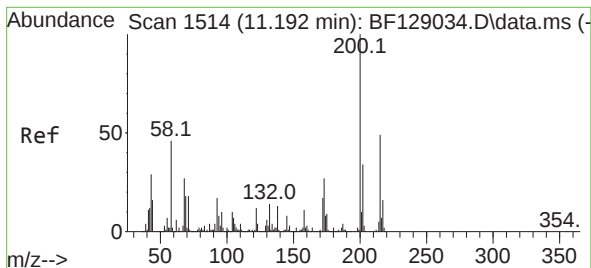


#68
Hexachlorobenzene
Concen: 49.222 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:284 Resp: 856278
Ion Ratio Lower Upper
284 100
142 30.4 29.0 43.4
249 30.5 25.0 37.6





#69

Atrazine

Concen: 56.675 ng

RT: 11.192 min Scan# 11134

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

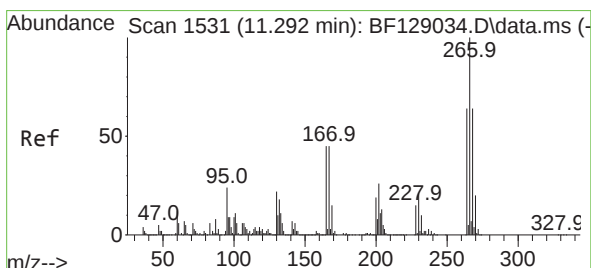
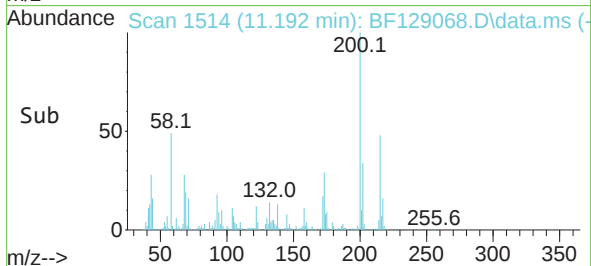
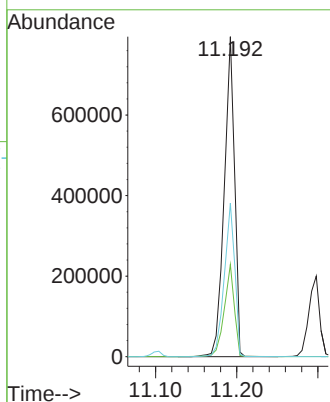
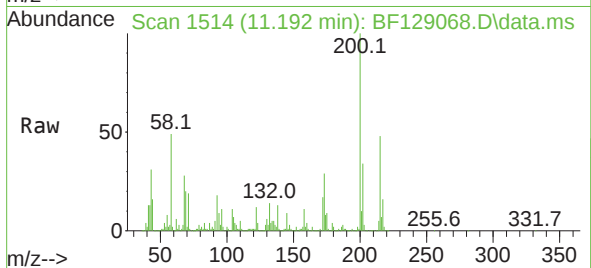
Tgt Ion:200 Resp: 711344

Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.3	46.3
215	48.0	28.3	68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 97.205 ng

RT: 11.298 min Scan# 1532

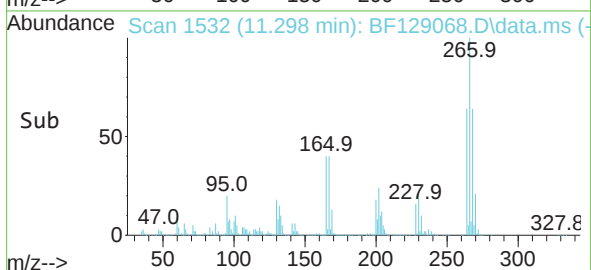
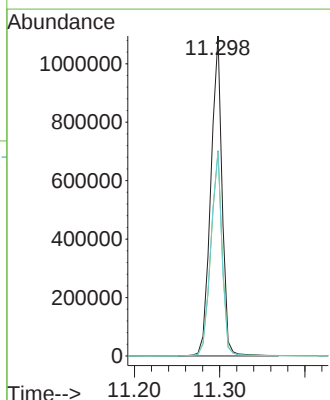
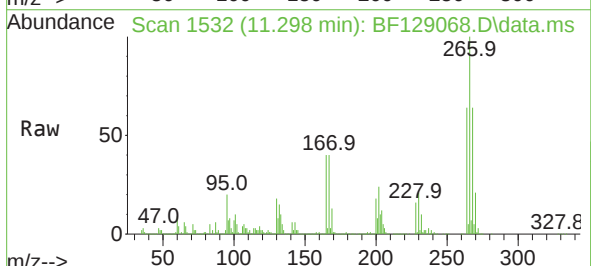
Delta R.T. 0.006 min

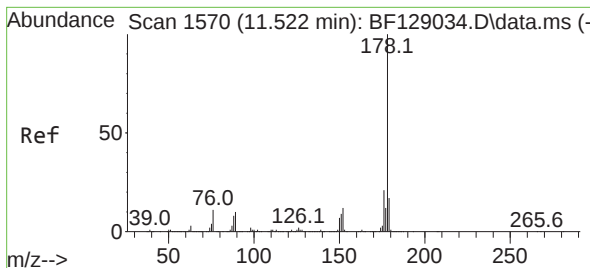
Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Tgt Ion:266 Resp: 1007195

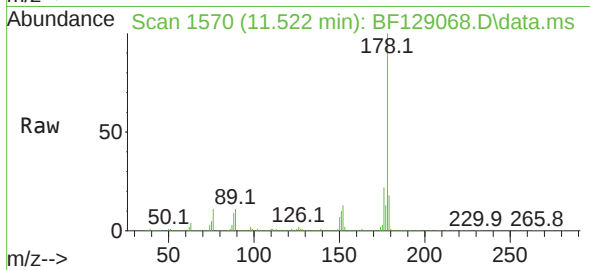
Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	63.9	49.4	74.2





#71
Phenanthrene
Concen: 47.446 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

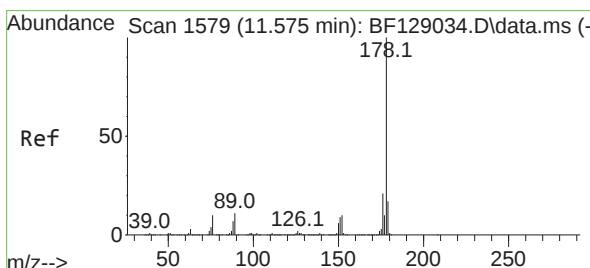
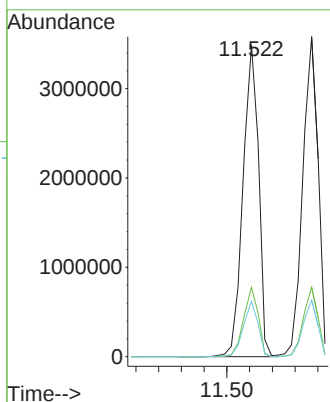
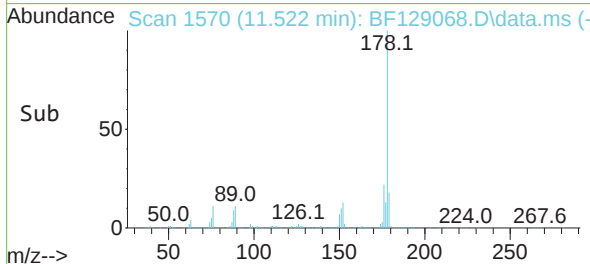
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



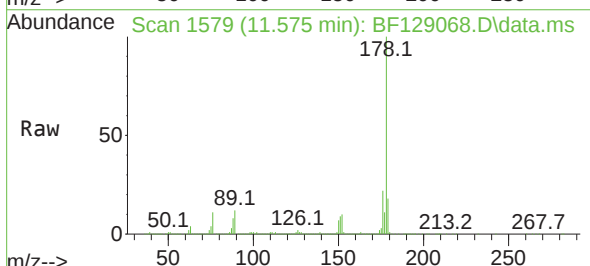
Tgt Ion:178 Resp: 332939
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 17.7 12.6 19.0

Manual Integrations
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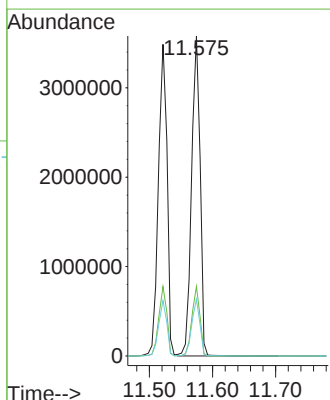
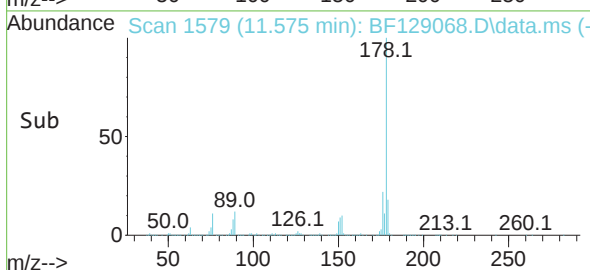
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

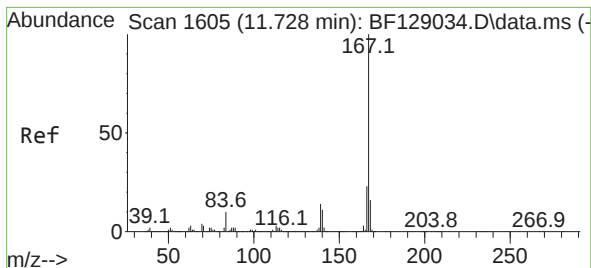


#72
Anthracene
Concen: 48.726 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



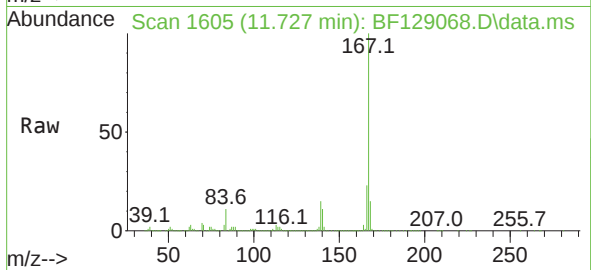
Tgt Ion:178 Resp: 3371142
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.2
179 17.7 12.6 19.0





#73
 Carbazole
 Concen: 45.971 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59

Instrument :
 BNA_F
 ClientSampleId :
 PH1-BOT-18MSD

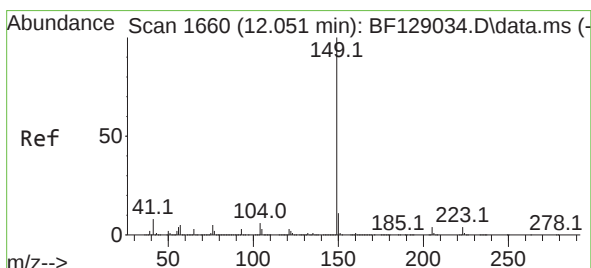
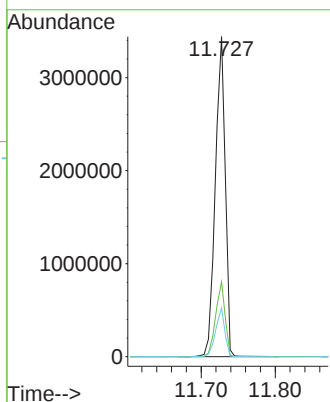
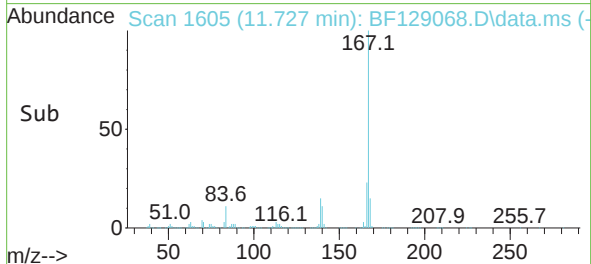


Tgt Ion:167 Resp: 3187018

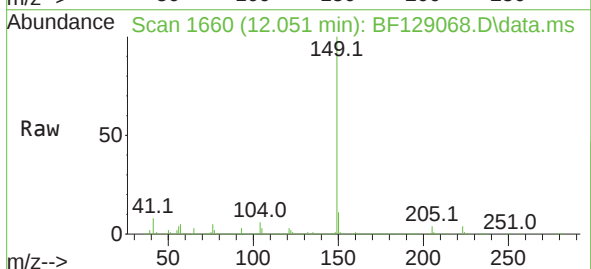
Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.7	26.5
139	15.2	11.2	16.8

Manual Integrations
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Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

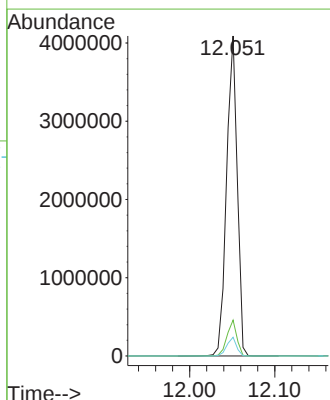
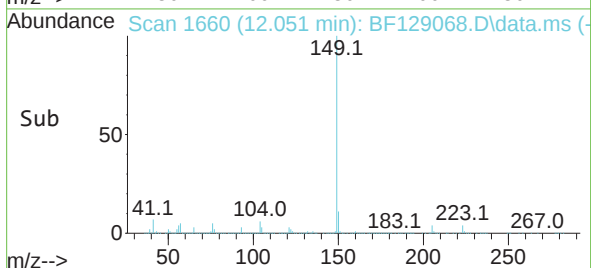


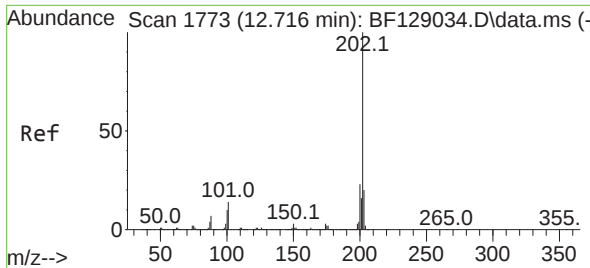
#74
 Di-n-butylphthalate
 Concen: 48.724 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59



Tgt Ion:149 Resp: 3561497

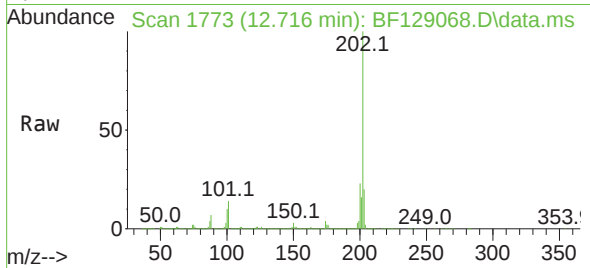
Ion	Ratio	Lower	Upper
149	100		
150	11.2	7.5	11.3
104	5.8	4.4	6.6





#75
Fluoranthene
Concen: 46.654 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

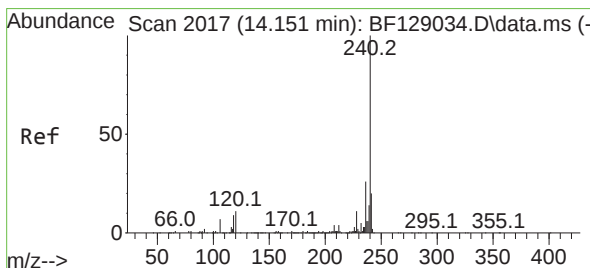
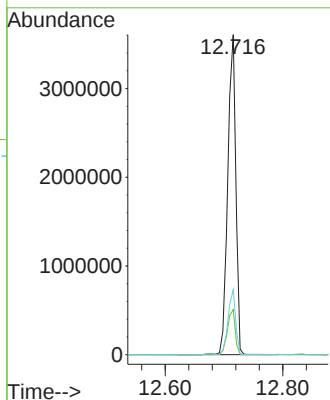
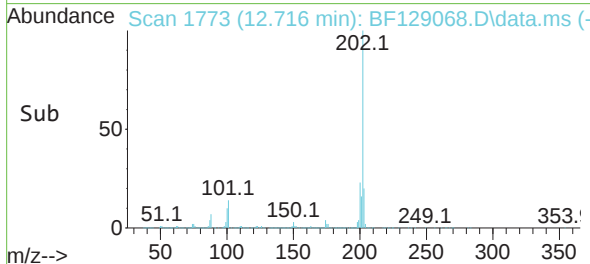
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion:202 Resp: 3423798
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.4
203 20.4 0.0 38.0

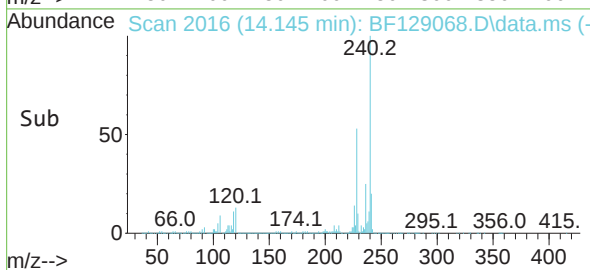
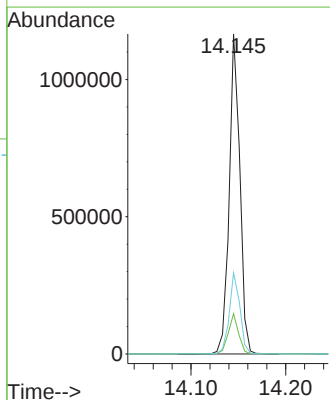
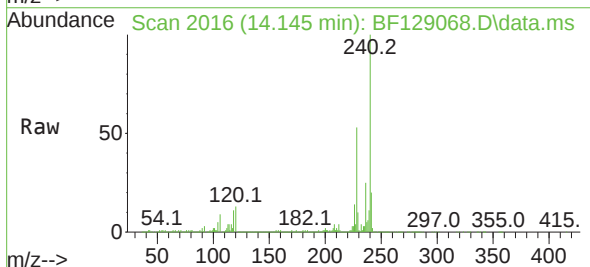
Manual Integrations
APPROVED

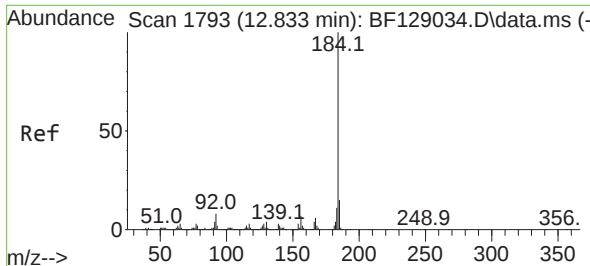
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

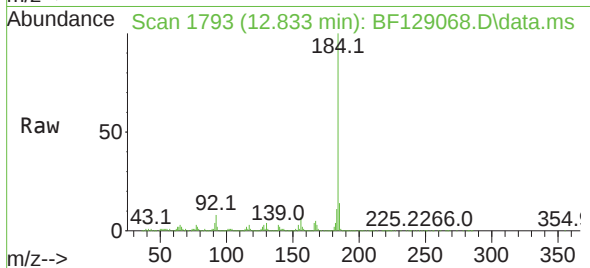
Tgt Ion:240 Resp: 905795
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.4 20.8 31.2





#77
Benzidine
Concen: 62.206 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

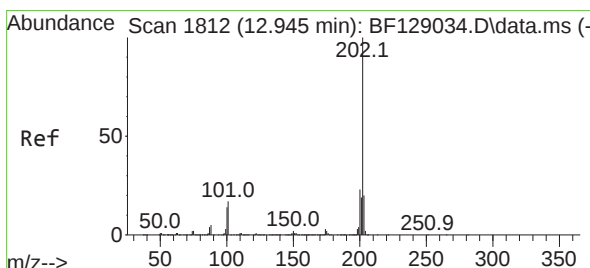
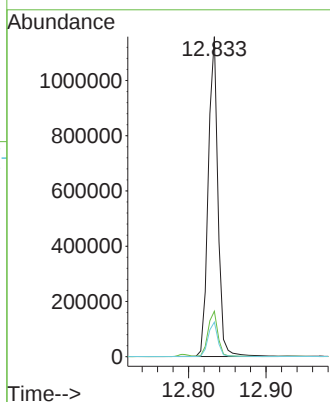
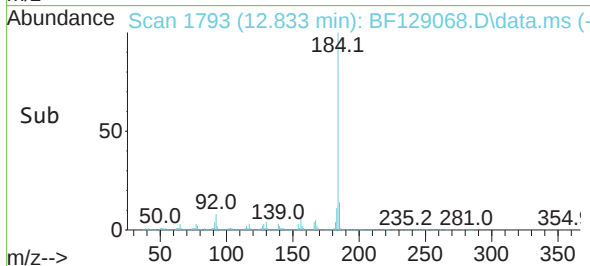
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



Tgt Ion:184 Resp: 1003315
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 10.8 9.3 13.9

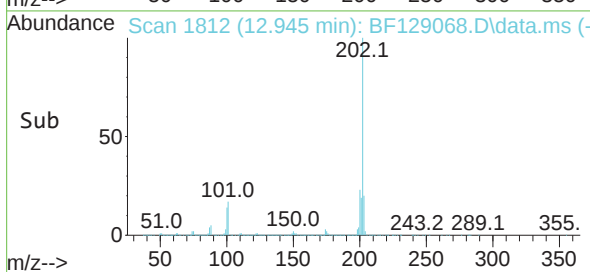
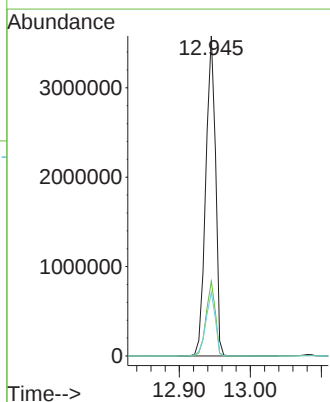
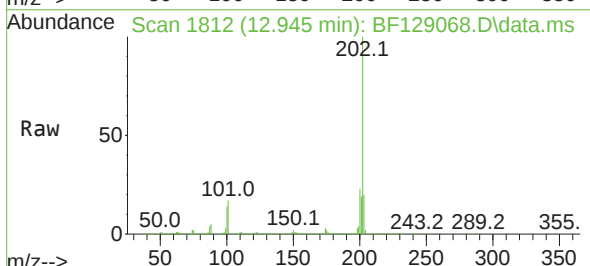
Manual Integrations
APPROVED

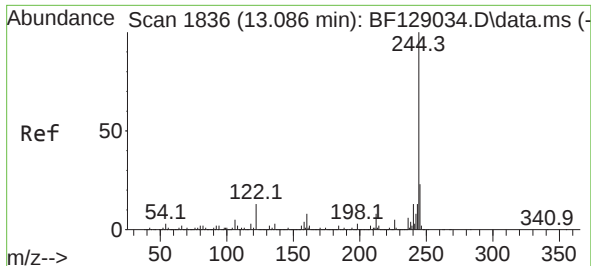
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#78
Pyrene
Concen: 54.629 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:202 Resp: 3429934
Ion Ratio Lower Upper
202 100
200 23.3 17.7 26.5
203 19.9 14.6 21.8





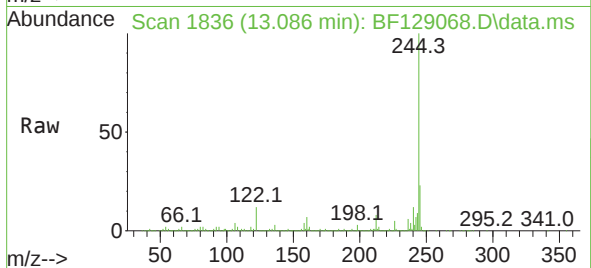
#79
 Terphenyl-d14
 Concen: 94.191 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

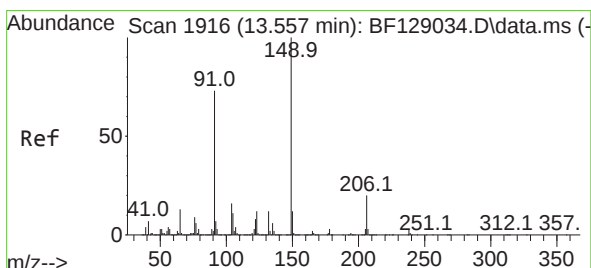
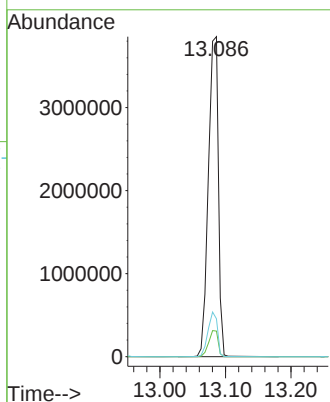
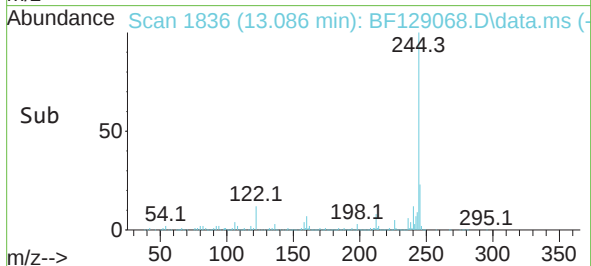


Tgt Ion:244 Resp: 410845
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 11.9 8.8 13.2

Manual Integrations

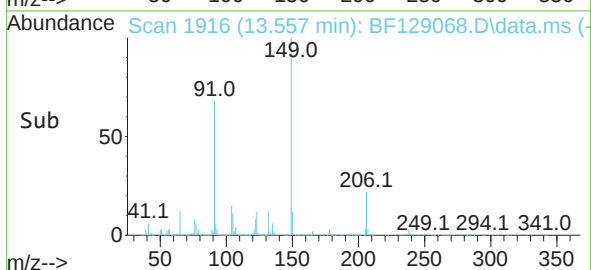
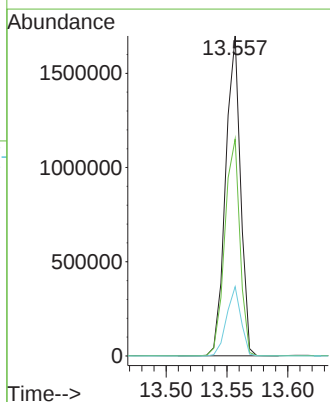
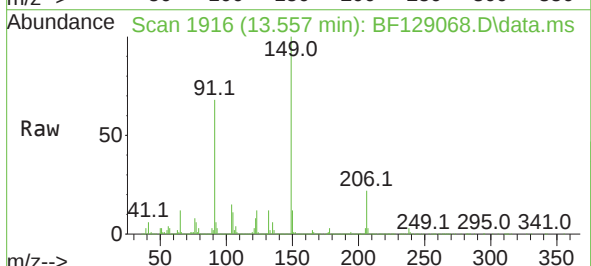
APPROVED

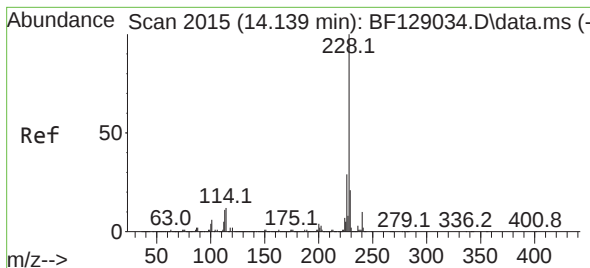
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#80
 Butylbenzylphthalate
 Concen: 56.653 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129068.D
 Acq: 30 Jun 2022 19:59

Tgt Ion:149 Resp: 1449074
 Ion Ratio Lower Upper
 149 100
 91 67.8 61.2 91.8
 206 21.6 15.7 23.5





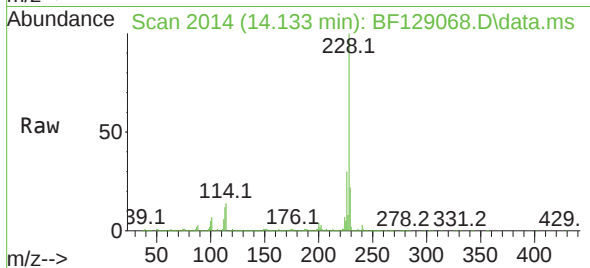
#81
Benzo(a)anthracene
Concen: 49.135 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

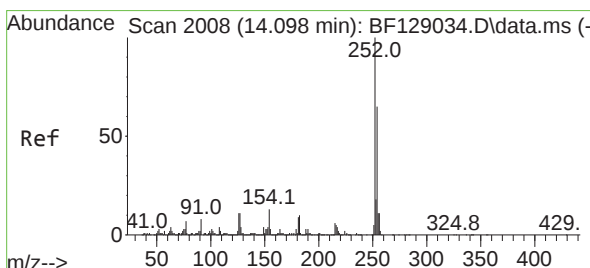
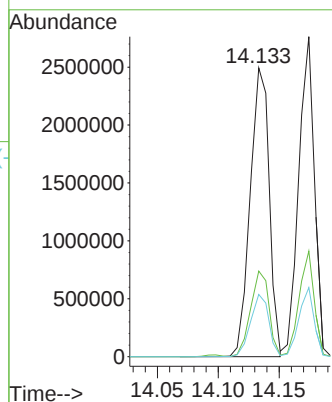
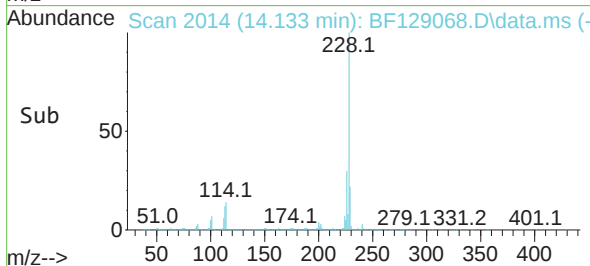


Tgt Ion:228 Resp: 2717449
Ion Ratio Lower Upper
228 100
226 29.7 22.1 33.1
229 21.6 15.8 23.8

Manual Integrations

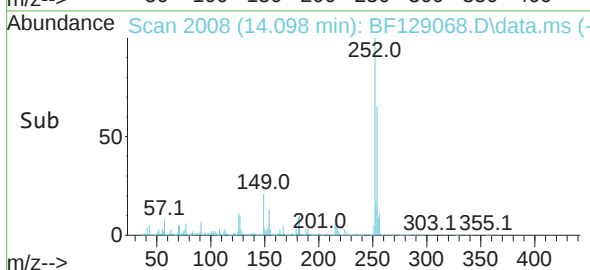
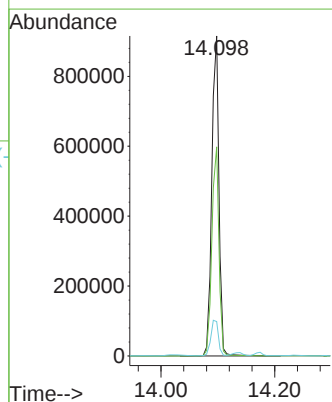
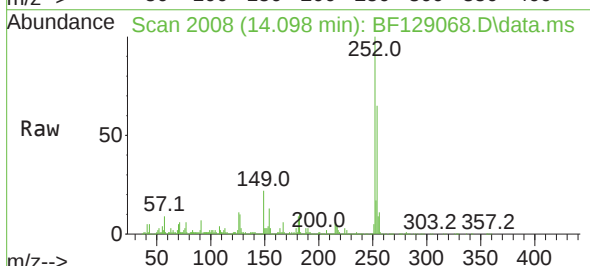
APPROVED

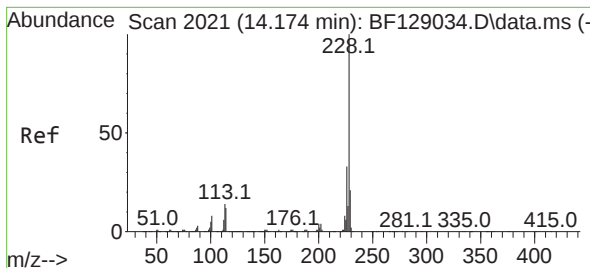
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 66.271 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:252 Resp: 791964
Ion Ratio Lower Upper
252 100
254 65.4 50.2 75.4
126 10.8 8.2 12.4





#83

Chrysene

Concen: 48.327 ng

RT: 14.174 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

Tgt Ion:228 Resp: 248128

Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

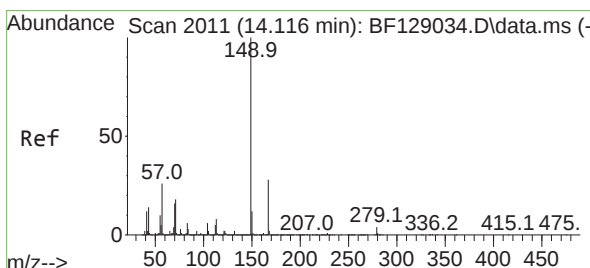
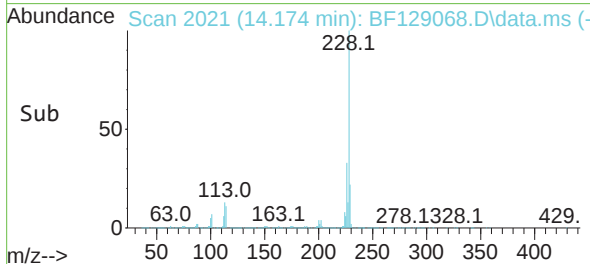
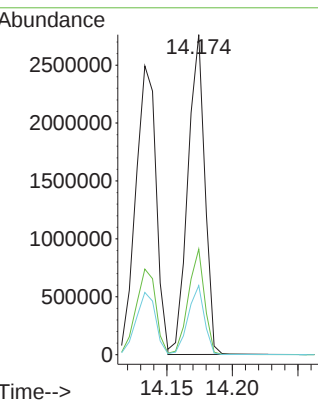
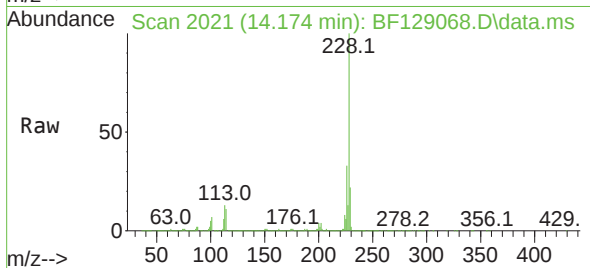
229 21.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.480 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129068.D

Acq: 30 Jun 2022 19:59

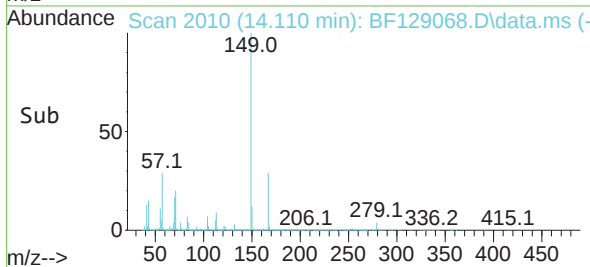
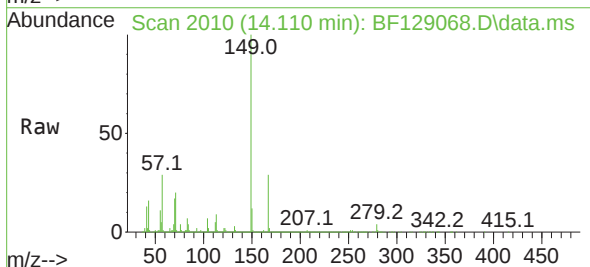
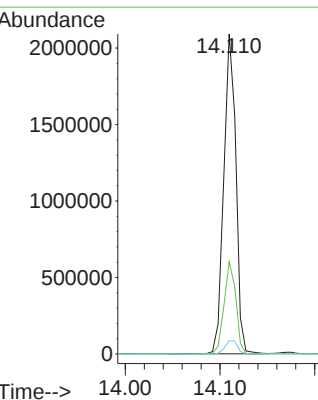
Tgt Ion:149 Resp: 1851941

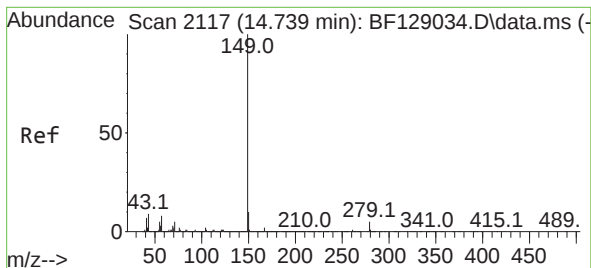
Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.4

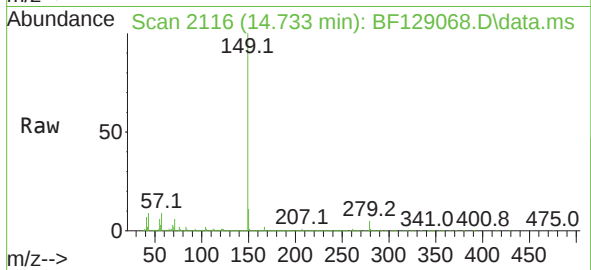
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.915 ng
RT: 14.733 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

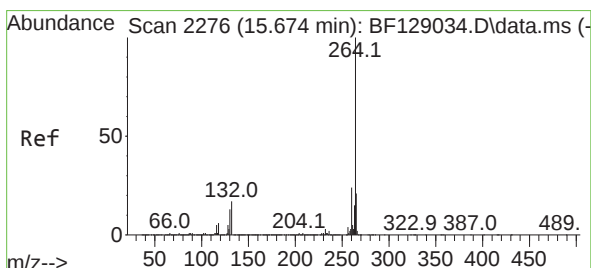
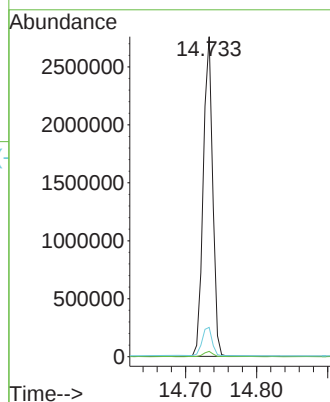
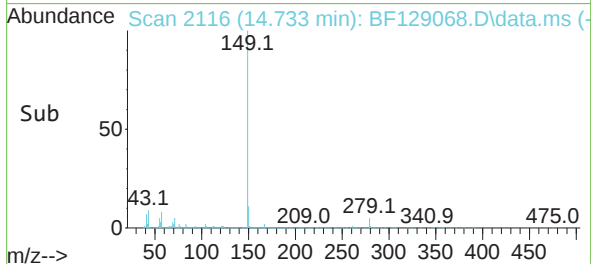
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



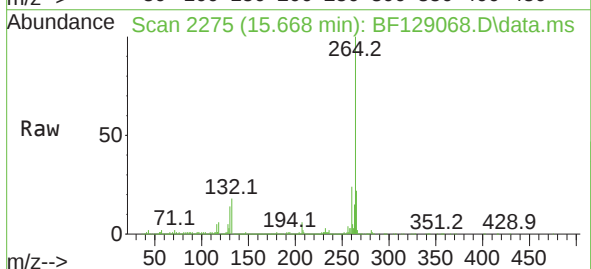
Tgt Ion:149 Resp: 255496
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 9.2 13.8

Manual Integrations
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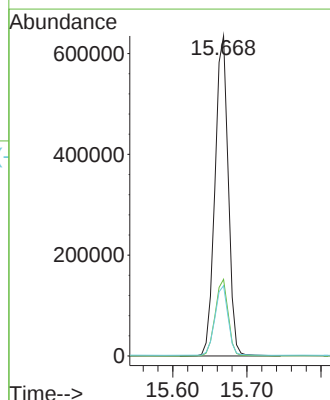
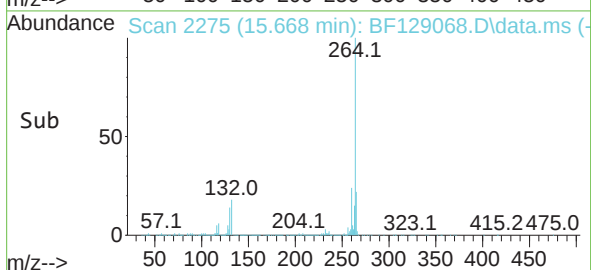
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

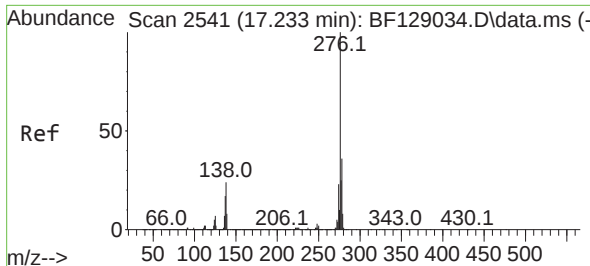


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion:264 Resp: 787432
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.0 17.2 25.8





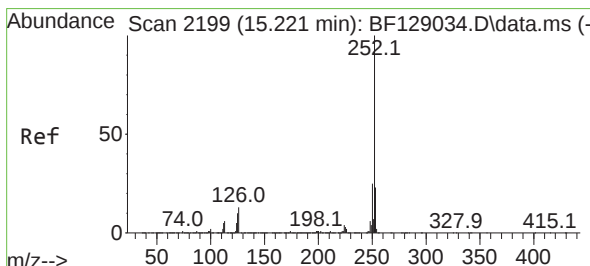
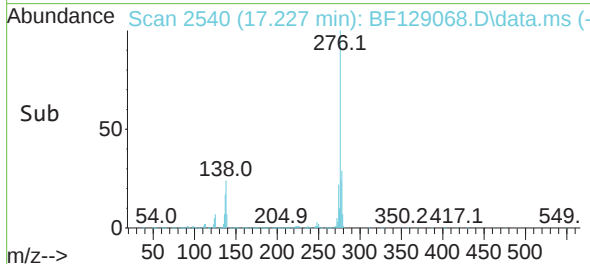
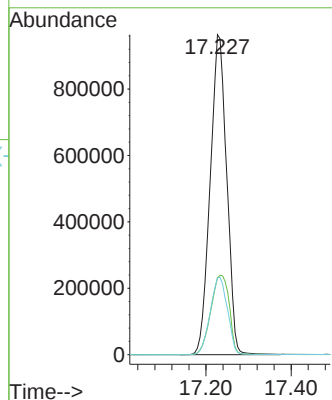
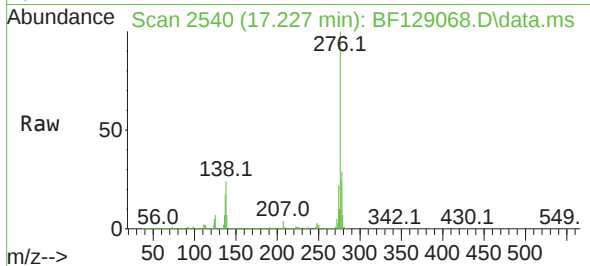
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.614 ng
RT: 17.227 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD

Tgt Ion:276 Resp: 258931
Ion Ratio Lower Upper
276 100
138 27.7 21.1 31.7
277 25.4 20.3 30.5

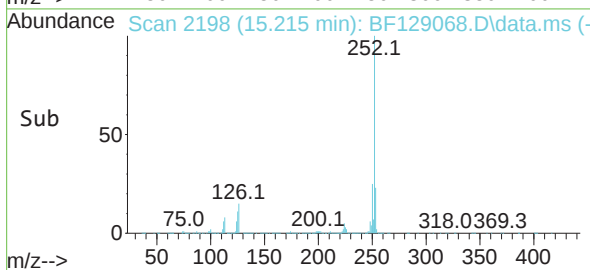
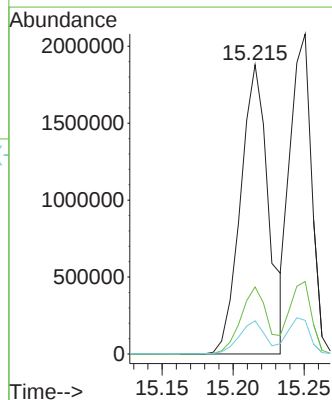
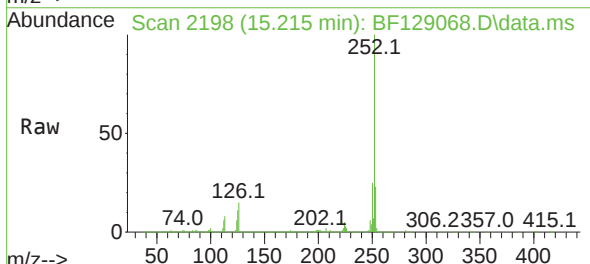
Manual Integrations
APPROVED

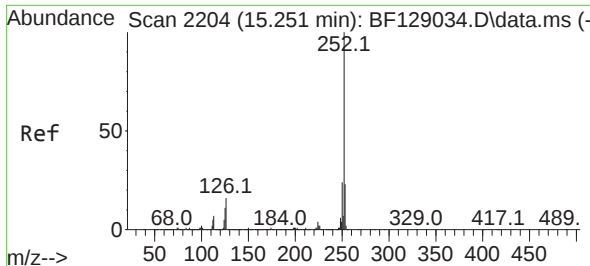
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#88
Benzo(b)fluoranthene
Concen: 54.442 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Tgt Ion:252 Resp: 2578168
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.5 8.0 12.0





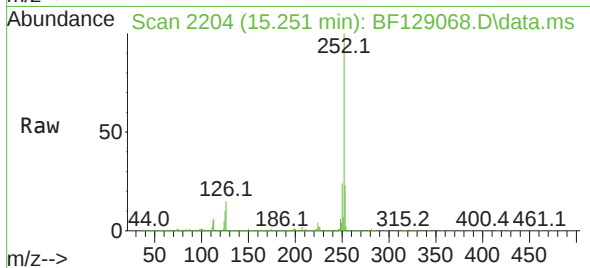
#89
Benzo(k)fluoranthene
Concen: 47.689 ng
RT: 15.251 min Scan# 219042
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

Instrument :

BNA_F

ClientSampleId :

PH1-BOT-18MSD

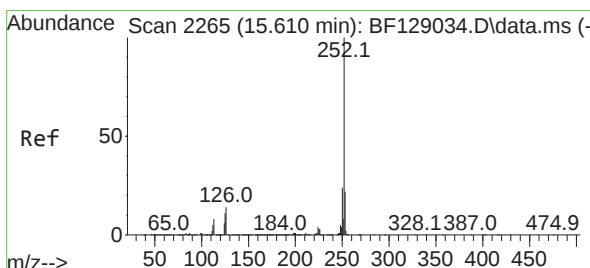
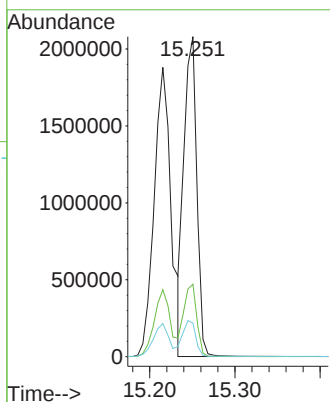
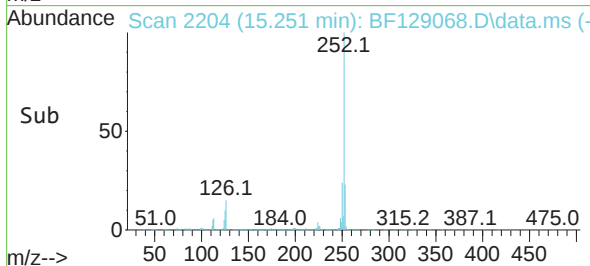


Tgt Ion:252 Resp: 219042
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.5 8.3 12.5

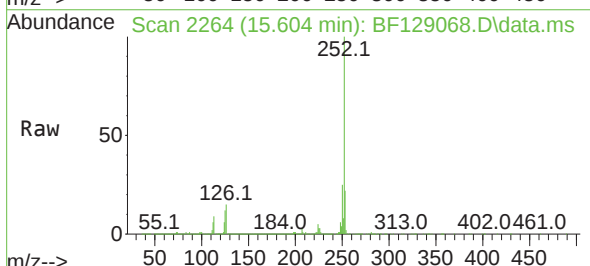
Manual Integrations

APPROVED

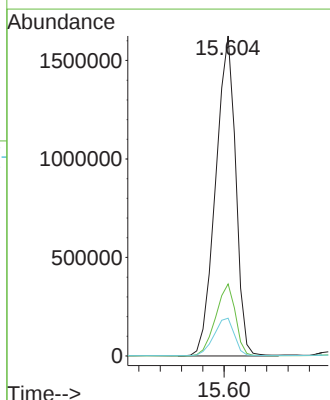
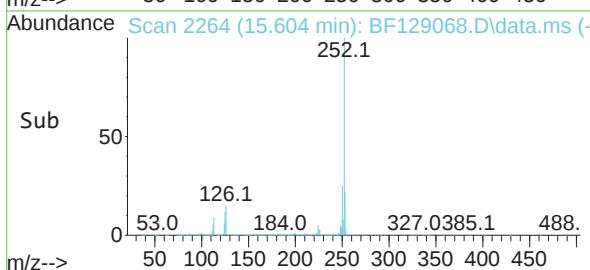
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

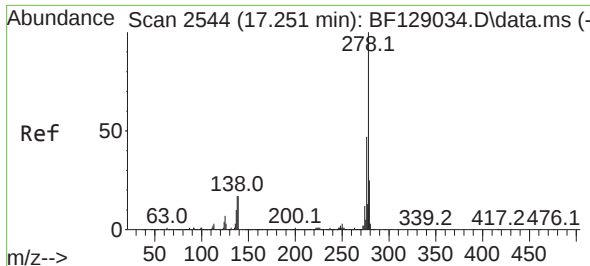


#90
Benzo(a)pyrene
Concen: 54.921 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



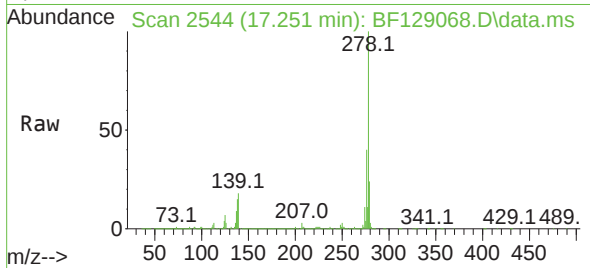
Tgt Ion:252 Resp: 2120217
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 56.261 ng
RT: 17.251 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59

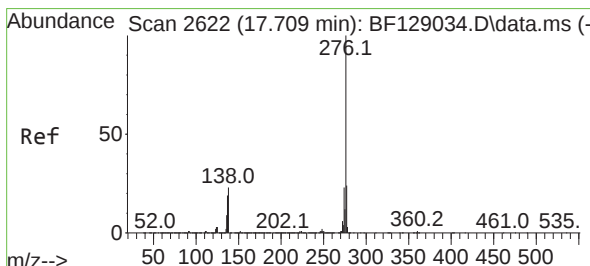
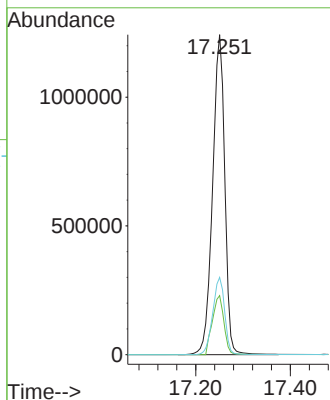
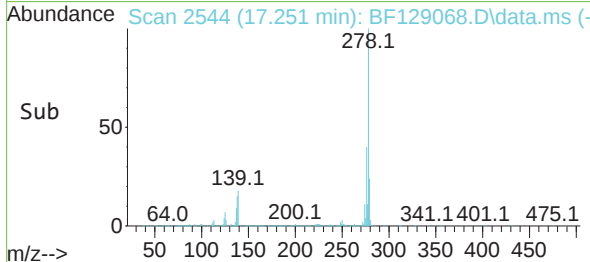
Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MSD



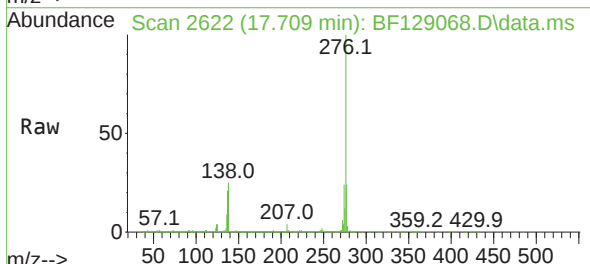
Tgt Ion: 278 Resp: 221498
Ion Ratio Lower Upper
278 100
139 18.4 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 07/01/2022
Supervised By : Jagrut Upadhyay 07/01/2022



#92
Benzo(g,h,i)perylene
Concen: 57.184 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129068.D
Acq: 30 Jun 2022 19:59



Tgt Ion: 276 Resp: 2258689
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 24.7 18.0 27.0

