

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
 Data File : BF129225.D
 Acq On : 14 Jul 2022 17:46
 Operator : CG\JU
 Sample : PB146162BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146162BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/15/2022
 Supervised By : Jagrut Upadhyay 07/15/2022

Quant Time: Jul 14 18:44:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 16:23:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	270051	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1092497	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	559063	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	911372	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	583915	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	477182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2278844	133.039	ng	0.01
7) Phenol-d6	6.534	99	2904337	132.865	ng	0.00
23) Nitrobenzene-d5	7.463	82	1853080	89.908	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	676870	134.498	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2967730	82.038	ng	0.00
79) Terphenyl-d14	13.016	244	2889893	99.355	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	321269	40.535	ng	91
3) Pyridine	3.593	79	894665	44.597	ng	91
4) n-Nitrosodimethylamine	3.546	42	490023	49.146	ng	92
6) Aniline	6.563	93	1191767	46.858	ng	99
8) 2-Chlorophenol	6.687	128	955657	53.972	ng	98
9) Benzaldehyde	6.451	77	542941	61.095	ng	95
10) Phenol	6.545	94	1196425	51.508	ng	92
11) bis(2-Chloroethyl)ether	6.634	93	918179	52.494	ng	97
12) 1,3-Dichlorobenzene	6.839	146	948012	50.137	ng	98
13) 1,4-Dichlorobenzene	6.916	146	964109	50.692	ng	98
14) 1,2-Dichlorobenzene	7.069	146	927193	50.889	ng	98
15) Benzyl Alcohol	7.039	79	789132m	52.347	ng	
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1490736	52.664	ng	95
17) 2-Methylphenol	7.151	107	762180	52.383	ng	99
18) Hexachloroethane	7.410	117	374391	52.152	ng	# 89
19) n-Nitroso-di-n-propyla...	7.310	70	644543	51.517	ng	98
20) 3+4-Methylphenols	7.304	107	904946	50.233	ng	# 88
22) Acetophenone	7.310	105	1244050	49.188	ng	# 98
24) Nitrobenzene	7.481	77	1002456	51.235	ng	98
25) Isophorone	7.722	82	1846059	54.263	ng	99
26) 2-Nitrophenol	7.798	139	503438	54.223	ng	93
27) 2,4-Dimethylphenol	7.834	122	870408	57.940	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	1128214	50.309	ng	100
29) 2,4-Dichlorophenol	8.039	162	751546	50.376	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	749113	47.936	ng	96
31) Naphthalene	8.204	128	2607405	50.525	ng	99
32) Benzoic acid	7.957	122	596193	50.568	ng	96
33) 4-Chloroaniline	8.251	127	795227	37.625	ng	98
34) Hexachlorobutadiene	8.316	225	420068	48.410	ng	99
35) Caprolactam	8.628	113	257408m	51.976	ng	
36) 4-Chloro-3-methylphenol	8.733	107	818600	50.129	ng	96
37) 2-Methylnaphthalene	8.898	142	1681901	50.743	ng	99
38) 1-Methylnaphthalene	8.998	142	1601934	49.891	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	665621	46.912	ng	# 97
41) Hexachlorocyclopentadiene	9.045	237	866230	123.143	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	510529	48.361	ng	96

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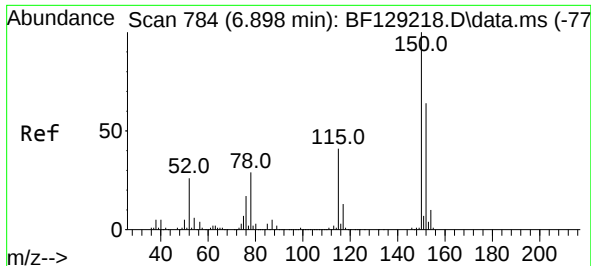
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	534205	49.714	ng	96
46) 1,1'-Biphenyl	9.363	154	1951493	48.363	ng	99
47) 2-Chloronaphthalene	9.386	162	1544276	48.795	ng	98
48) 2-Nitroaniline	9.480	65	537447	50.180	ng	97
49) Acenaphthylene	9.804	152	2389405	50.689	ng	100
50) Dimethylphthalate	9.663	163	1776448	49.480	ng	99
51) 2,6-Dinitrotoluene	9.728	165	416952	53.935	ng	99
52) Acenaphthene	9.975	154	1658588m	54.296	ng	
53) 3-Nitroaniline	9.898	138	354993	37.801	ng	# 90
54) 2,4-Dinitrophenol	10.004	184	432007	94.098	ng	95
55) Dibenzofuran	10.151	168	2059346	47.474	ng	97
56) 4-Nitrophenol	10.057	139	774939	104.283	ng	95
57) 2,4-Dinitrotoluene	10.133	165	550381	54.708	ng	93
58) Fluorene	10.492	166	1631635	49.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	409802	50.081	ng	# 91
60) Diethylphthalate	10.363	149	1713925	49.578	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	718798	47.745	ng	90
62) 4-Nitroaniline	10.516	138	467806	50.513	ng	94
63) Azobenzene	10.639	77	1808439	48.195	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	268625	47.651	ng	95
66) n-Nitrosodiphenylamine	10.604	169	1448511	50.184	ng	96
67) 4-Bromophenyl-phenylether	10.974	248	460264	49.575	ng	98
68) Hexachlorobenzene	11.039	284	507050	51.567	ng	99
69) Atrazine	11.127	200	467679	60.294	ng	96
70) Pentachlorophenol	11.233	266	580065	102.143	ng	98
71) Phenanthrene	11.457	178	2266036	49.416	ng	99
72) Anthracene	11.510	178	2306626	50.649	ng	99
73) Carbazole	11.663	167	2209858	47.894	ng	99
74) Di-n-butylphthalate	11.986	149	2566687	51.283	ng	99
75) Fluoranthene	12.645	202	2319152	49.634	ng	95
77) Benzidine	12.769	184	1237363	97.608	ng	100
78) Pyrene	12.874	202	2350617	52.499	ng	100
80) Butylbenzylphthalate	13.486	149	1072974	55.756	ng	99
81) Benzo(a)anthracene	14.063	228	1910276	51.845	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	481829	55.402	ng	96
83) Chrysene	14.104	228	1785623	51.202	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1416703	55.985	ng	98
85) Di-n-octyl phthalate	14.657	149	2145435	55.130	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1535372	52.268	ng	96
88) Benzo(b)fluoranthene	15.127	252	1633817	55.953	ng	# 98
89) Benzo(k)fluoranthene	15.157	252	1543260m	54.630	ng	
90) Benzo(a)pyrene	15.498	252	1379728	57.588	ng	# 96
91) Dibenzo(a,h)anthracene	17.092	278	1300653	55.219	ng	# 97
92) Benzo(g,h,i)perylene	17.539	276	1366811	56.326	ng	96

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



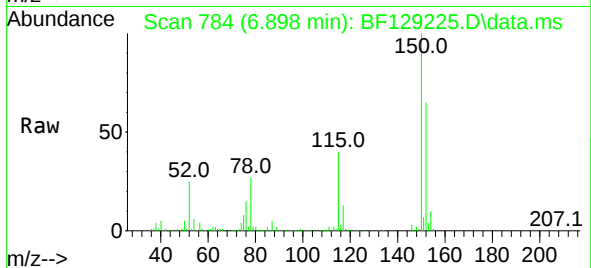
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129225.D
 Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

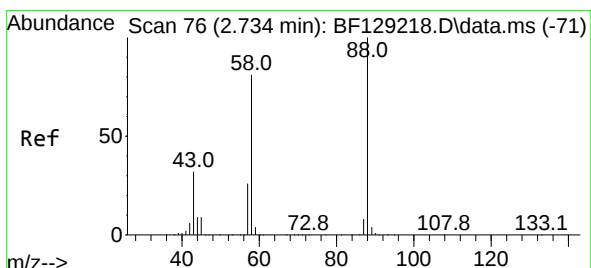
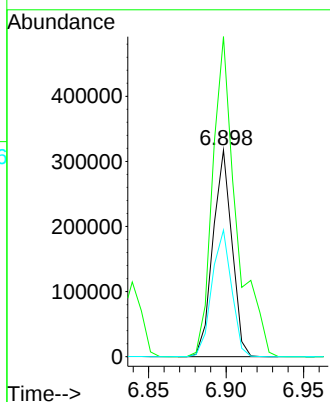
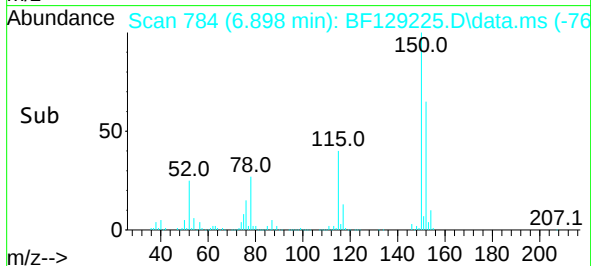


Tgt Ion:152 Resp: 27005
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.7 185.5
 115 61.3 49.9 74.9

Manual Integrations

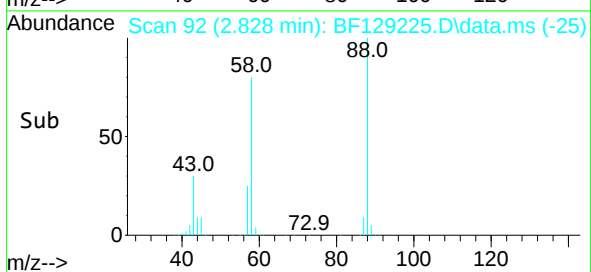
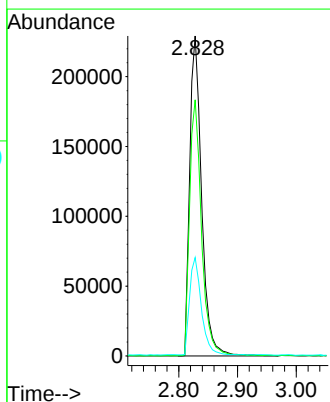
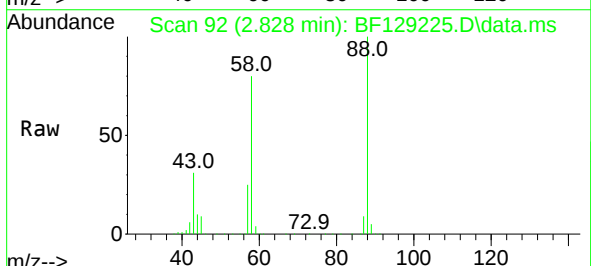
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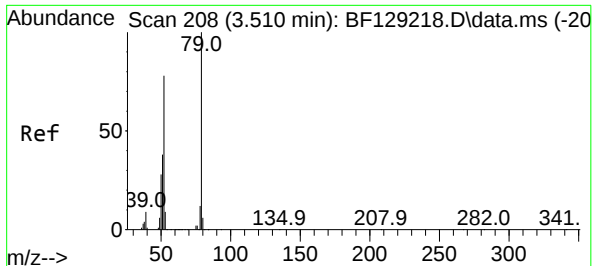
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022



#2
 1,4-Dioxane
 Concen: 40.535 ng
 RT: 2.828 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF129225.D
 Acq: 14 Jul 2022 17:46

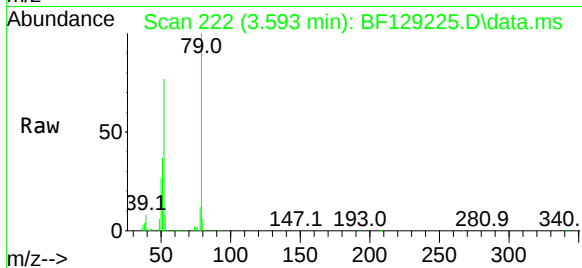
Tgt Ion: 88 Resp: 321269
 Ion Ratio Lower Upper
 88 100
 58 80.5 71.8 107.8
 43 30.1 26.6 39.8





#3
Pyridine
Concen: 44.597 ng
RT: 3.593 min Scan# 214
Delta R.T. 0.083 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

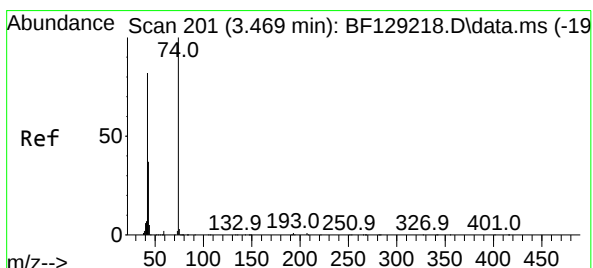
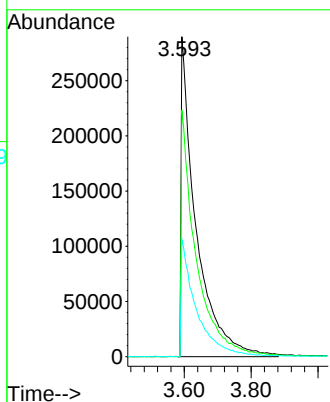
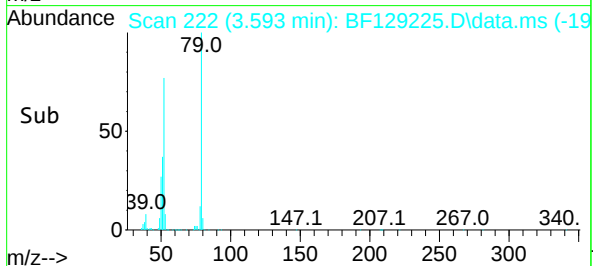
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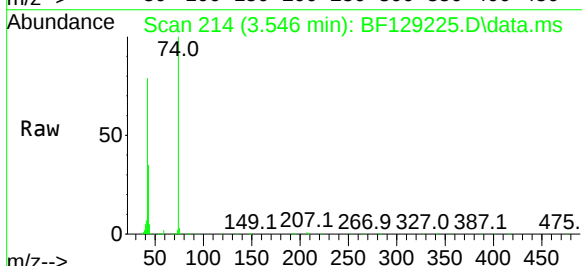
Tgt Ion: 79 Resp: 89466
Ion Ratio Lower Upper
79 100
52 77.1 68.6 102.8
51 36.7 32.9 49.3

Manual Integrations
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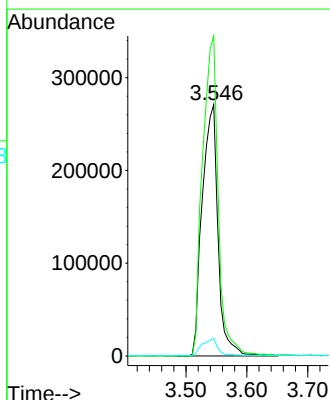
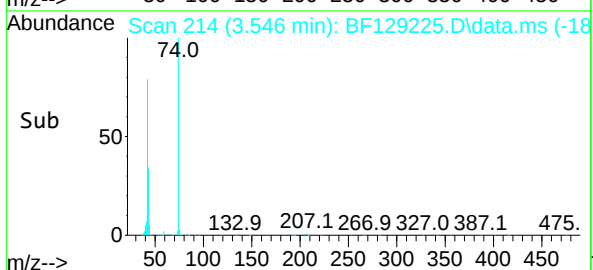
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

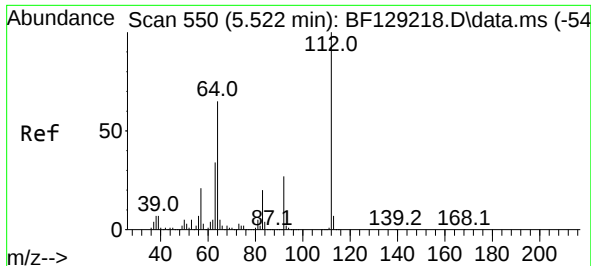


#4
n-Nitrosodimethylamine
Concen: 49.146 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion: 42 Resp: 490023
Ion Ratio Lower Upper
42 100
74 127.3 94.8 142.2
44 6.9 6.6 10.0





#5
2-Fluorophenol
Concen: 133.039 ng
RT: 5.534 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

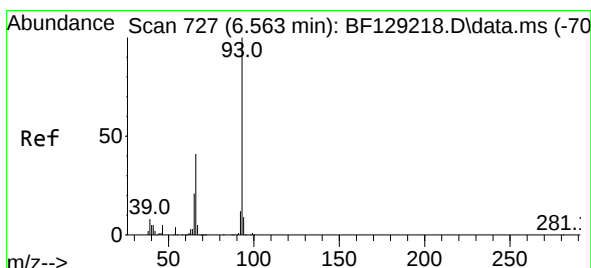
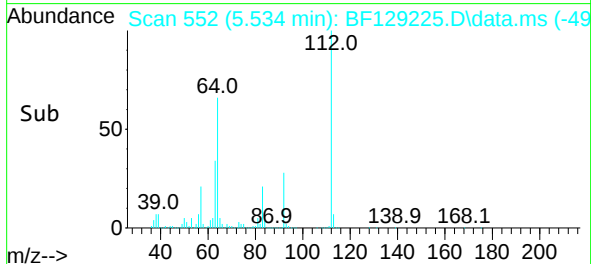
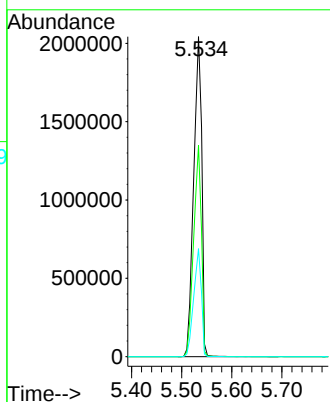
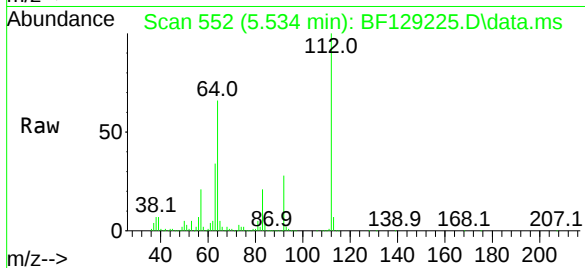
ClientSampleId :

PB146162BS

Tgt Ion:112 Resp: 227884
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 33.8 28.0 42.0

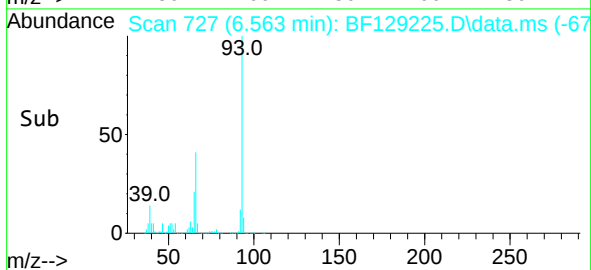
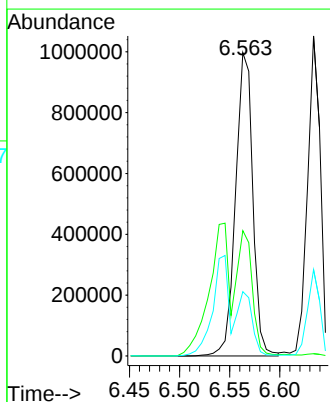
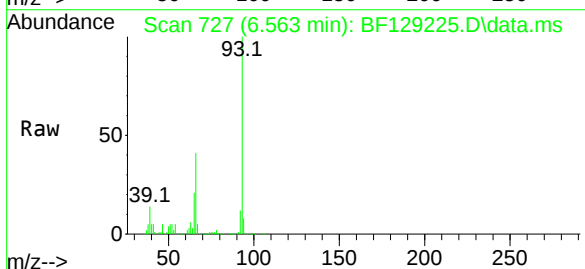
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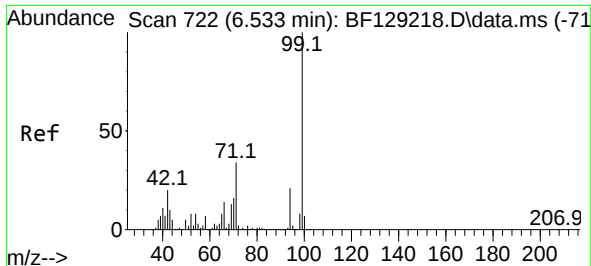
Reviewed By :Christian Giraldo 07/15/2022
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#6
Aniline
Concen: 46.858 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

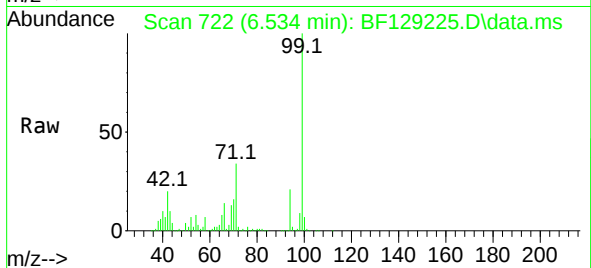
Tgt Ion: 93 Resp: 1191767
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.2 16.4 24.6





#7
Phenol-d6
Concen: 132.865 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

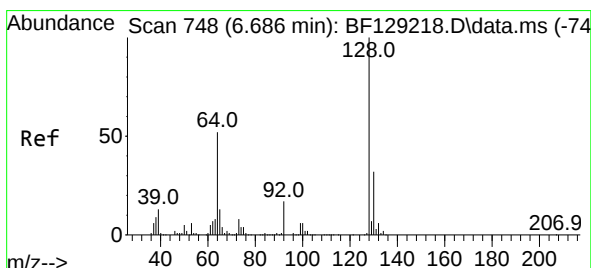
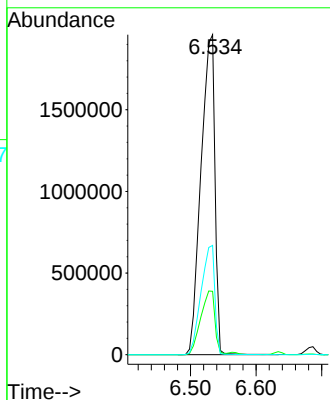
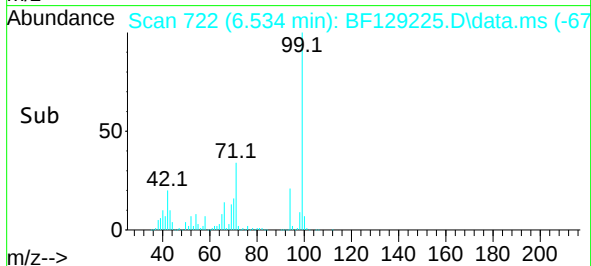
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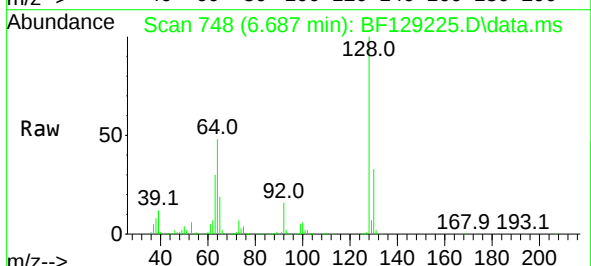
Tgt Ion: 99 Resp: 290433
Ion Ratio Lower Upper
99 100
42 19.8 17.3 25.9
71 34.1 28.9 43.3

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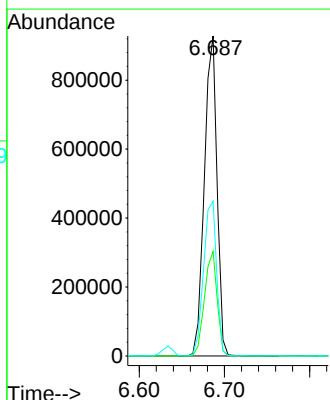
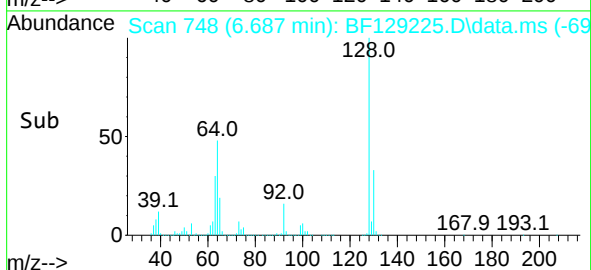
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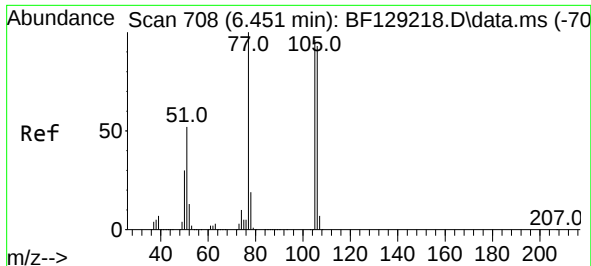


#8
2-Chlorophenol
Concen: 53.972 ng
RT: 6.687 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



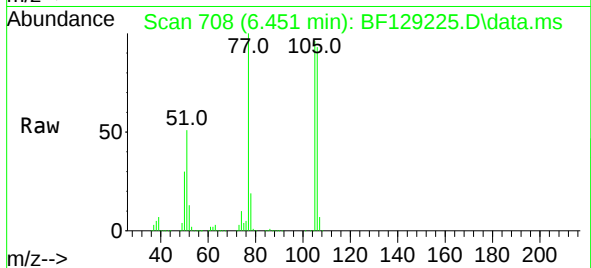
Tgt Ion:128 Resp: 955657
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 48.4 30.9 70.9





#9
Benzaldehyde
Concen: 61.095 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

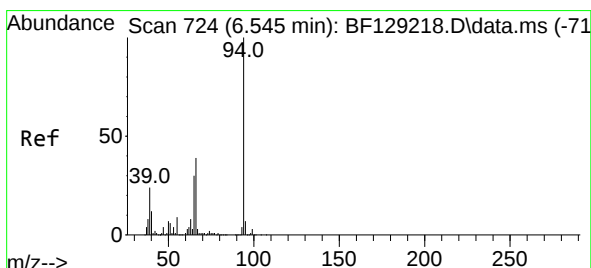
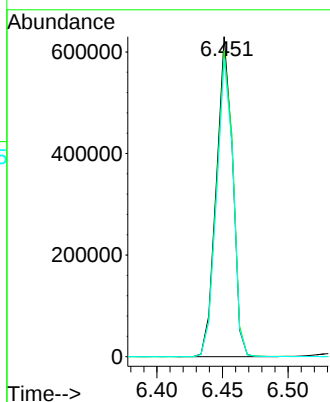
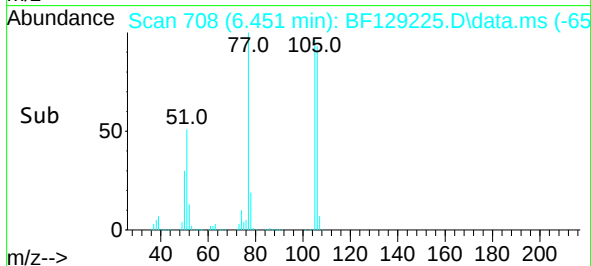
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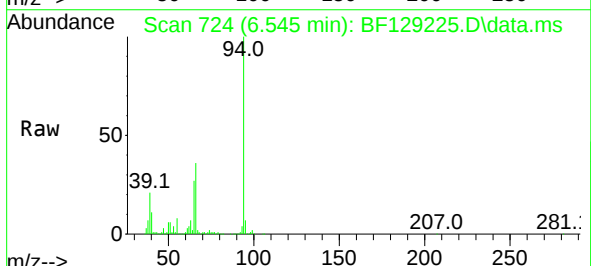
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Ion Ratio Lower Upper
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105 95.5 81.6 121.6
106 93.1 76.1 116.1

Manual Integrations
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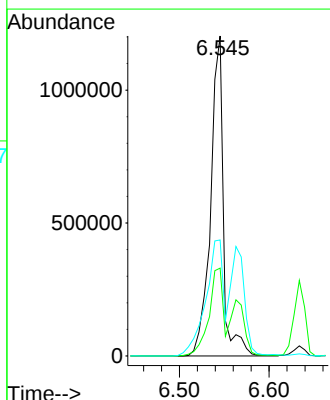
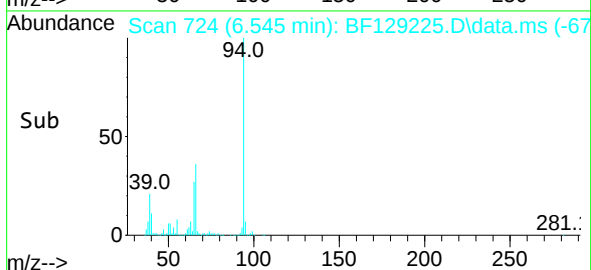
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

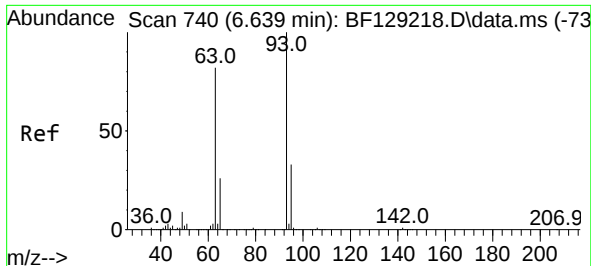


#10
Phenol
Concen: 51.508 ng
RT: 6.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



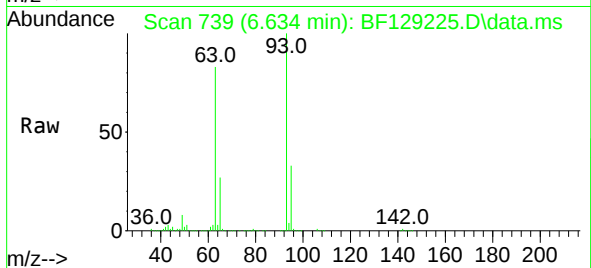
Tgt Ion: 94 Resp: 1196425
Ion Ratio Lower Upper
94 100
65 27.4 11.4 51.4
66 36.3 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 52.494 ng
RT: 6.634 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

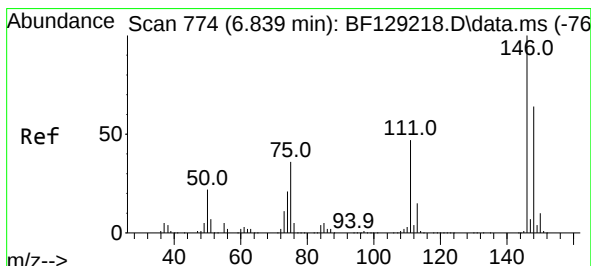
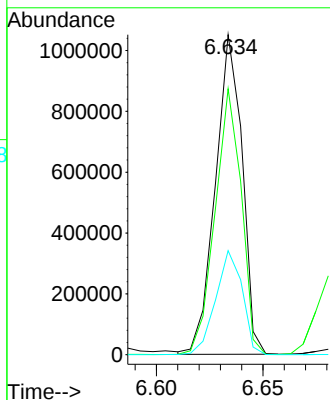
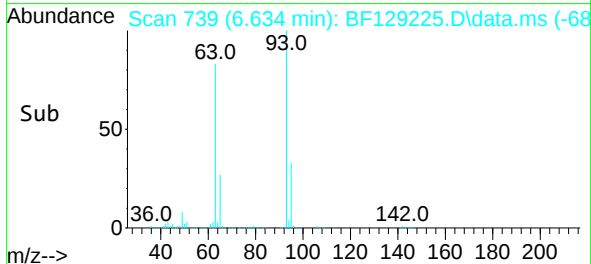
Instrument :
BNA_F
ClientSampleId :
PB146162BS



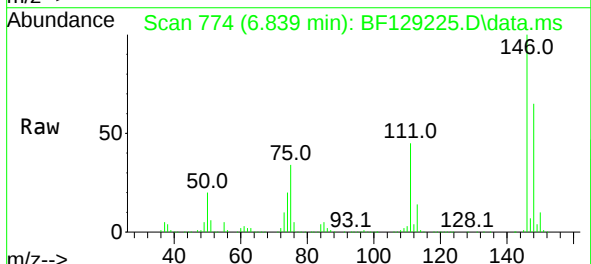
Tgt Ion: 93 Resp: 918179
Ion Ratio Lower Upper
93 100
63 83.1 67.4 107.4
95 32.5 12.7 52.7

Manual Integrations
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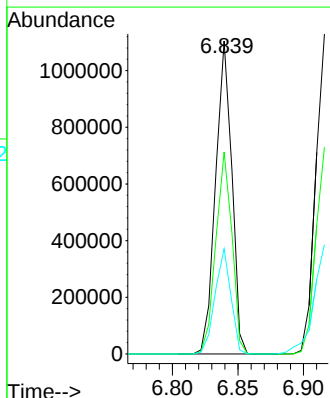
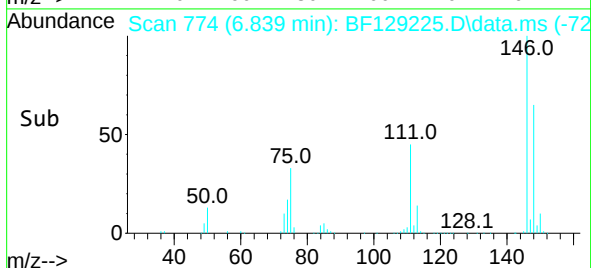
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

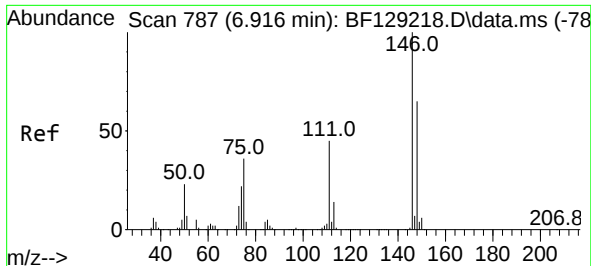


#12
1,3-Dichlorobenzene
Concen: 50.137 ng
RT: 6.839 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:146 Resp: 948012
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 33.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.692 ng

RT: 6.916 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

Tgt Ion:146 Resp: 964109

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

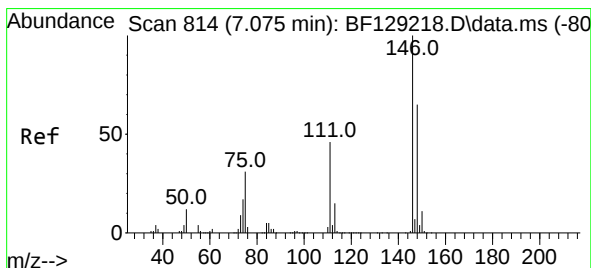
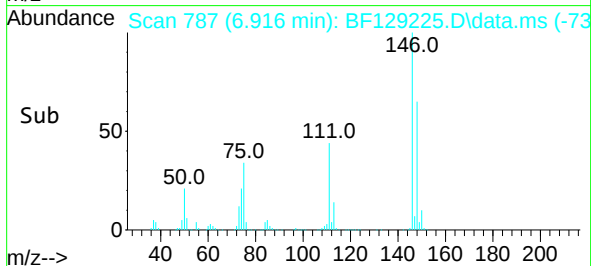
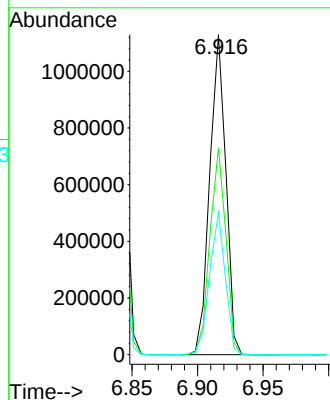
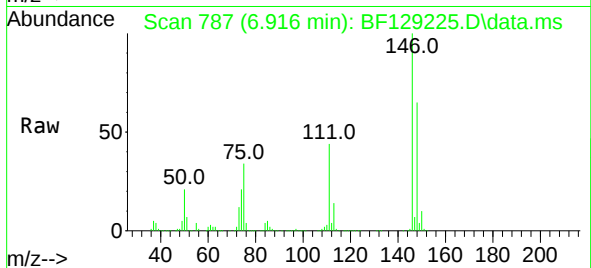
111 44.4 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#14

1,2-Dichlorobenzene

Concen: 50.889 ng

RT: 7.069 min Scan# 813

Delta R.T. -0.006 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

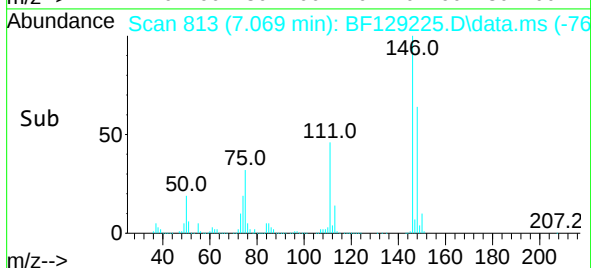
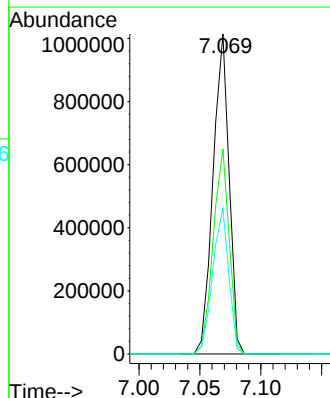
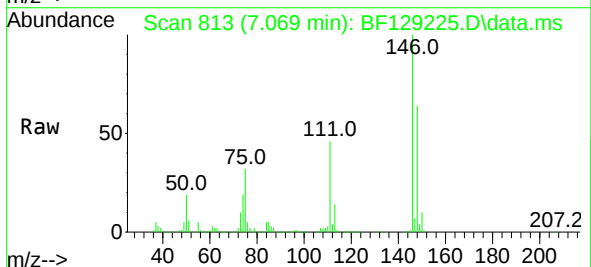
Tgt Ion:146 Resp: 927193

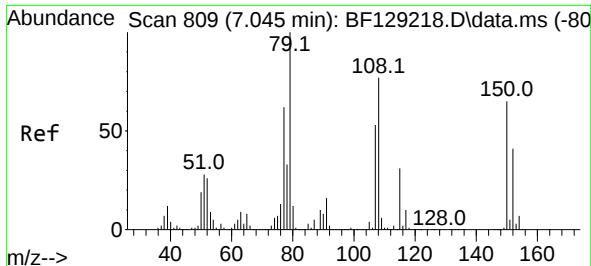
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

111 45.6 35.1 52.7





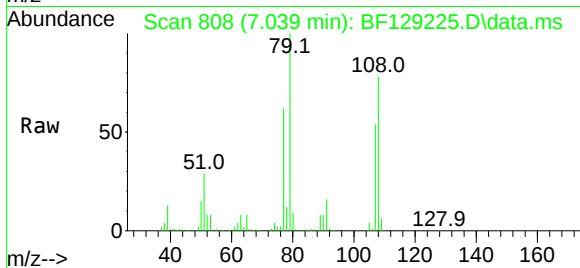
#15
Benzyl Alcohol
Concen: 52.347 ng m
RT: 7.039 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

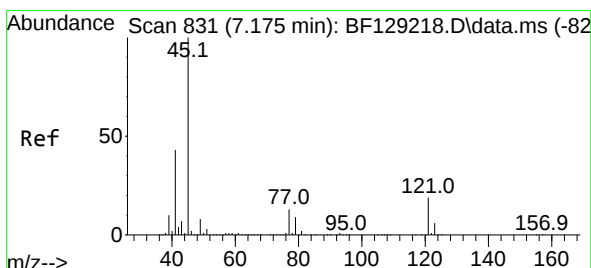
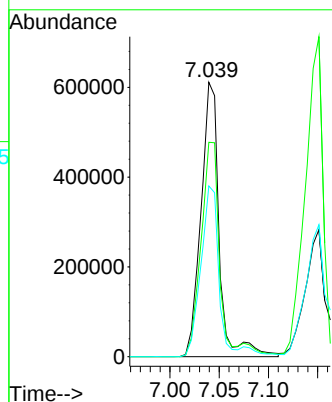
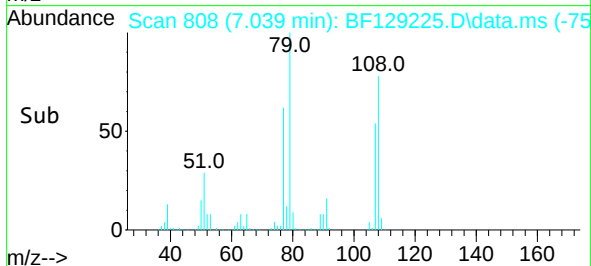


Tgt Ion: 79 Resp: 78913
Ion Ratio Lower Upper
79 100
108 78.1 61.8 92.6
77 62.2 50.2 75.4

Manual Integrations

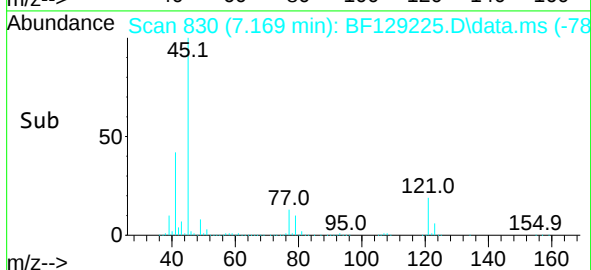
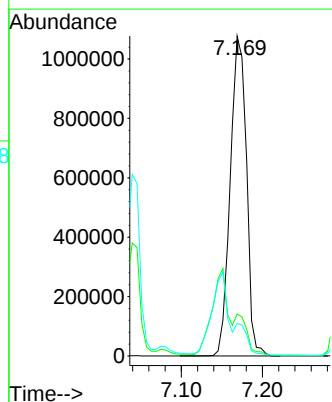
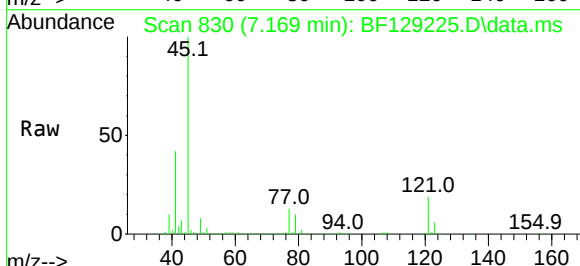
APPROVED

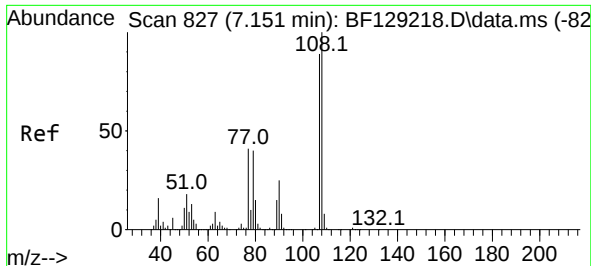
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.664 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

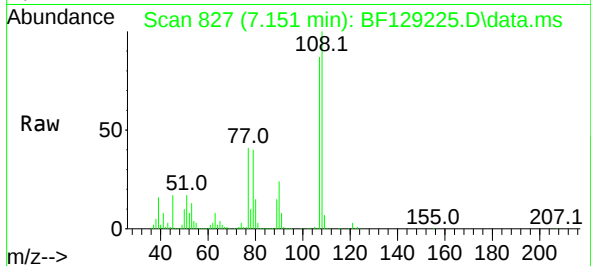
Tgt Ion: 45 Resp: 1490736
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.3
79 10.2 0.0 28.3





#17
2-Methylphenol
Concen: 52.383 ng
RT: 7.151 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

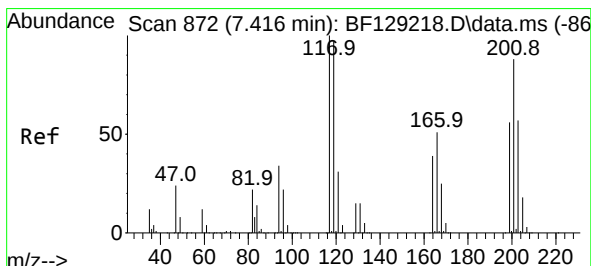
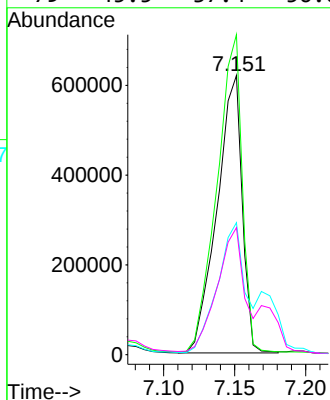
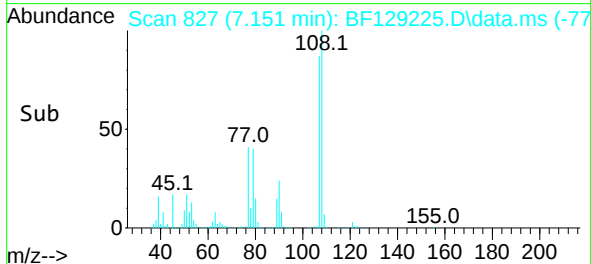
Instrument :
BNA_F
ClientSampleId :
PB146162BS



Tgt Ion:107 Resp: 762180
Ion Ratio Lower Upper
107 100
108 114.6 91.9 137.9
77 47.3 37.8 56.8
79 45.5 37.4 56.0

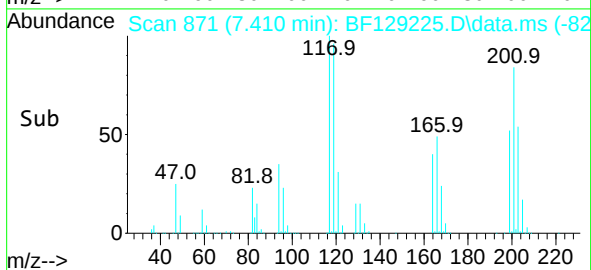
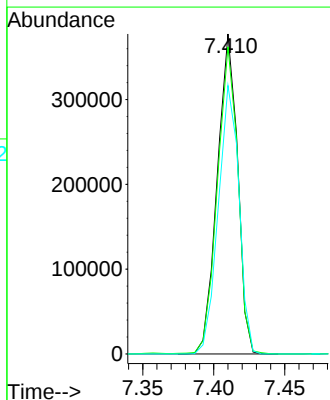
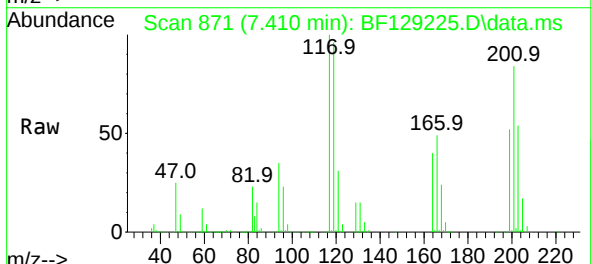
Manual Integrations
APPROVED

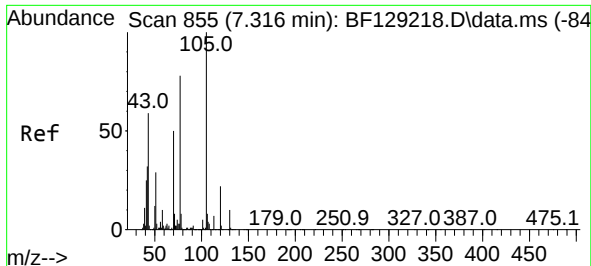
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#18
Hexachloroethane
Concen: 52.152 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:117 Resp: 374391
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
201 83.9 84.6 127.0#





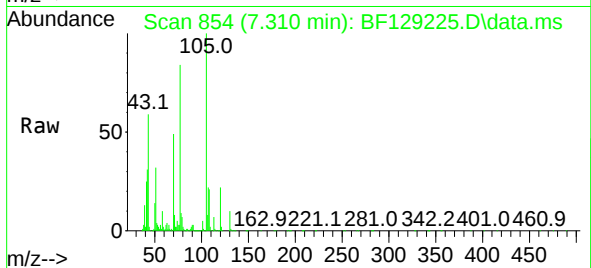
#19
n-Nitroso-di-n-propylamine
Concen: 51.517 ng
RT: 7.310 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

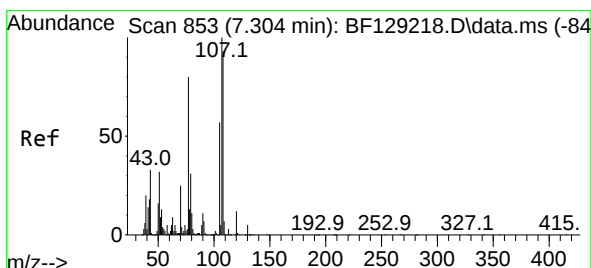
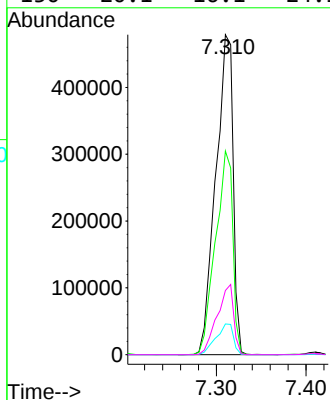
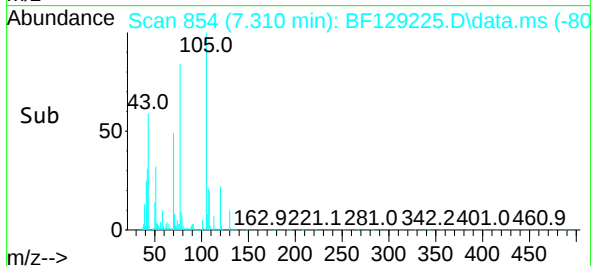
PB146162BS



Tgt Ion: 70 Resp: 64454
Ion Ratio Lower Upper
70 100
42 63.7 52.3 78.5
101 9.6 7.5 11.3
130 20.1 16.1 24.1

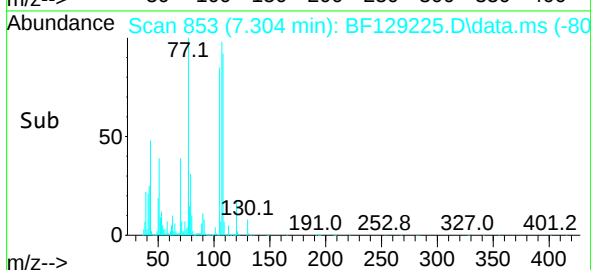
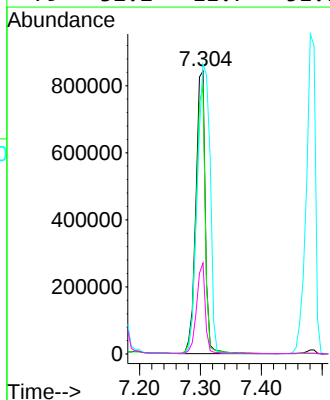
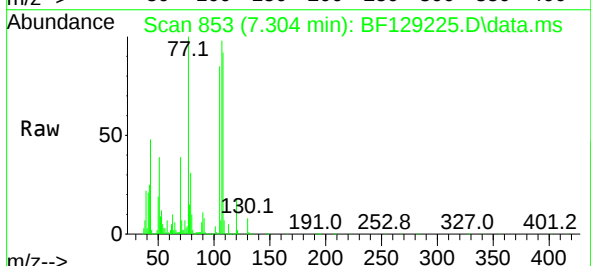
Manual Integrations
APPROVED

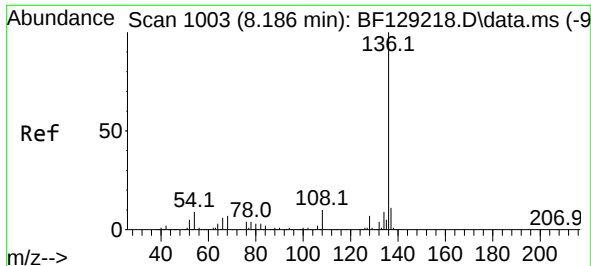
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#20
3+4-Methylphenols
Concen: 50.233 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:107 Resp: 904946
Ion Ratio Lower Upper
107 100
108 94.6 71.8 111.8
77 102.5 59.3 99.3#
79 32.2 11.7 51.7





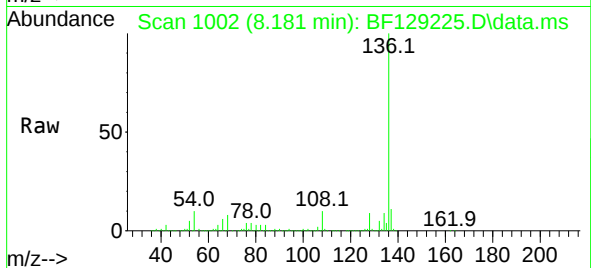
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

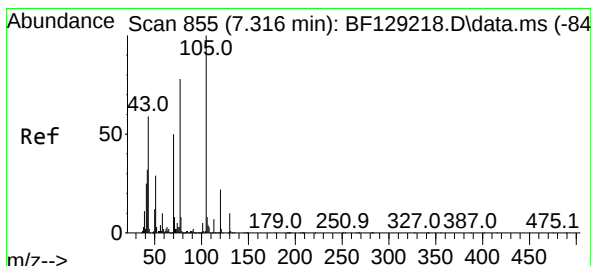
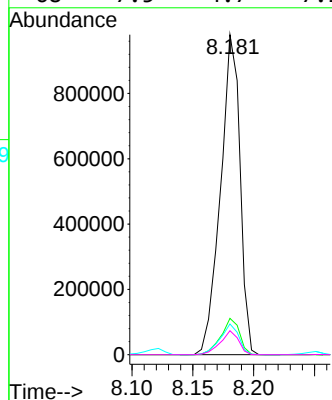


Tgt Ion:136 Resp: 109249
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.6 7.5 11.3
68 7.5 4.7 7.1#

Manual Integrations

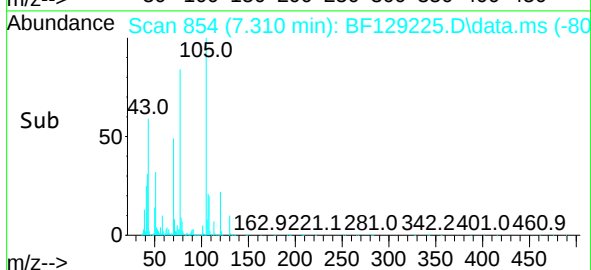
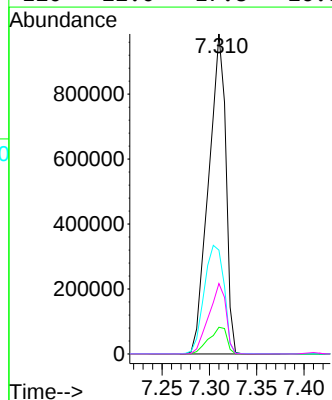
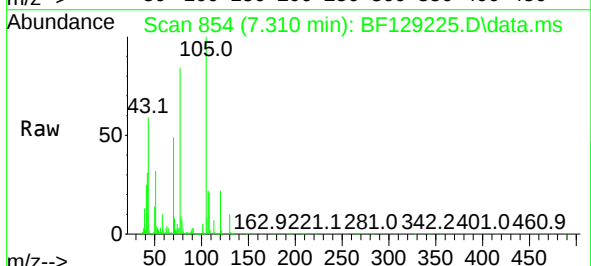
APPROVED

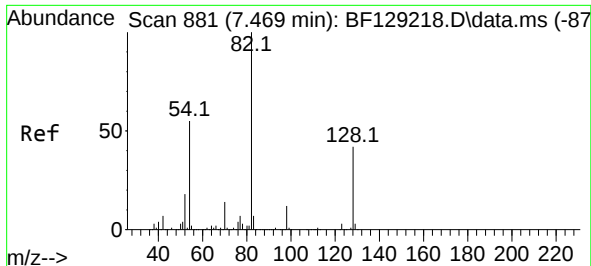
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#22
Acetophenone
Concen: 49.188 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:105 Resp: 1244050
Ion Ratio Lower Upper
105 100
71 8.4 5.0 7.4#
51 32.4 25.0 37.4
120 22.0 17.8 26.8





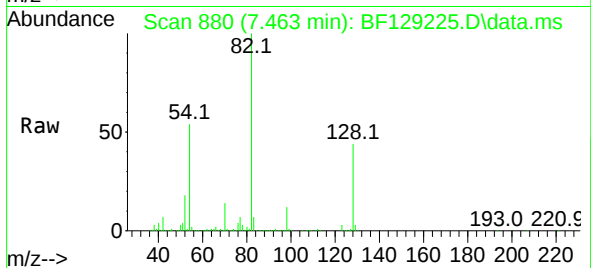
#23
Nitrobenzene-d5
Concen: 89.908 ng
RT: 7.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

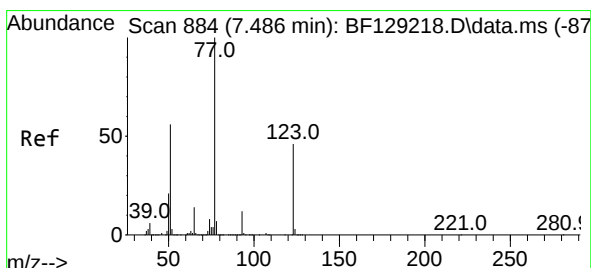
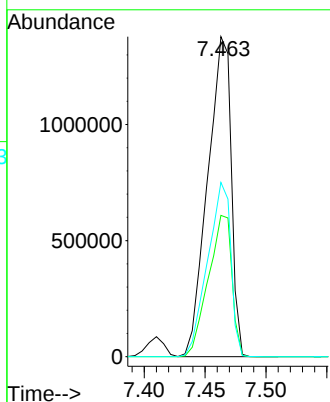
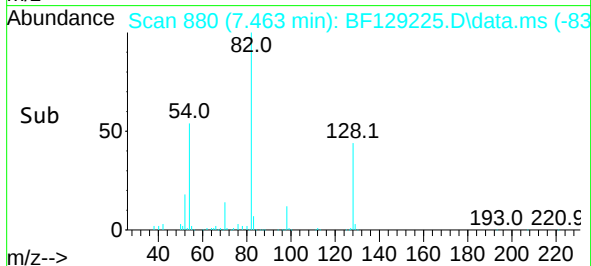
PB146162BS



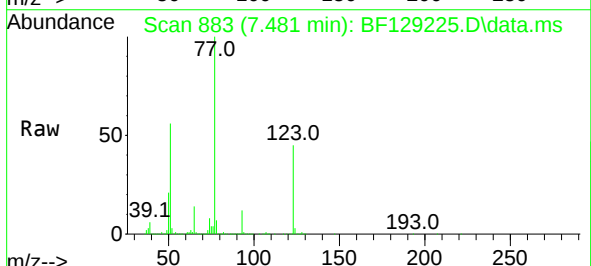
Tgt Ion: 82 Resp: 1853080
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 54.4 46.9 70.3

Manual Integrations
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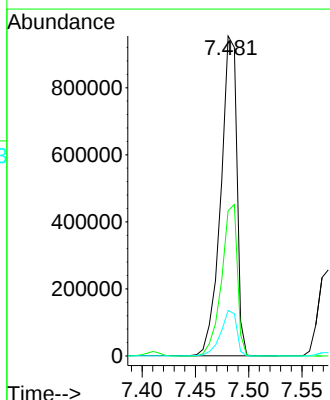
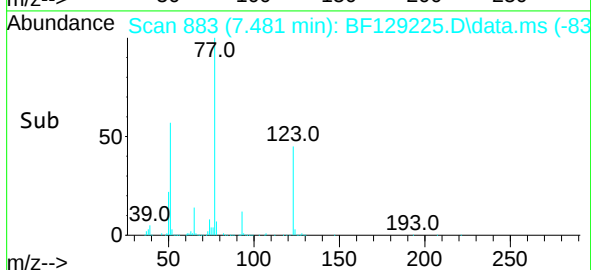
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

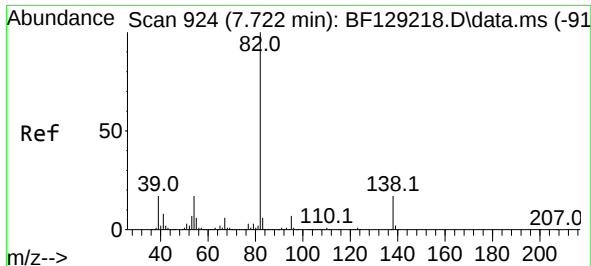


#24
Nitrobenzene
Concen: 51.235 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



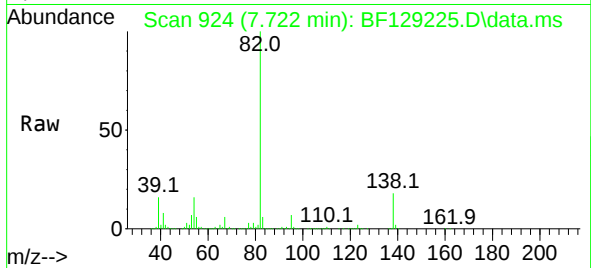
Tgt Ion: 77 Resp: 1002456
Ion Ratio Lower Upper
77 100
123 45.4 35.4 53.2
65 14.2 11.8 17.8





#25
Isophorone
Concen: 54.263 ng
RT: 7.722 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

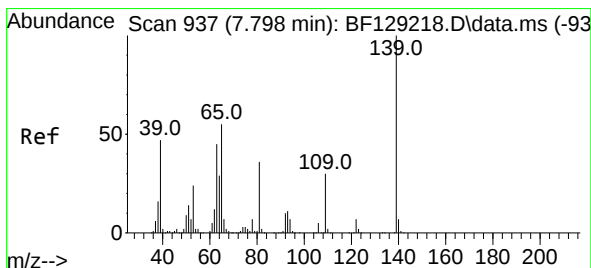
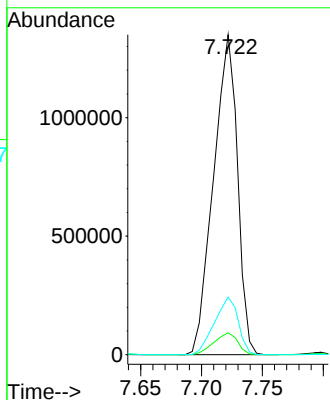
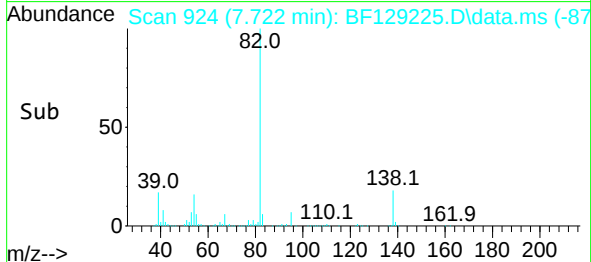
Instrument :
BNA_F
ClientSampleId :
PB146162BS



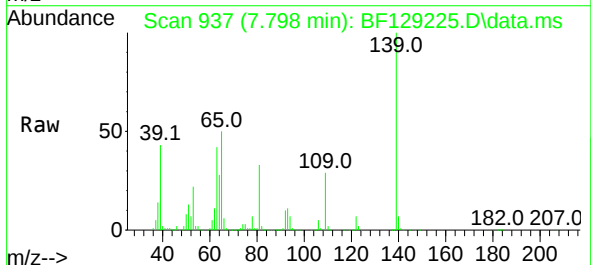
Tgt Ion: 82 Resp: 1846059
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.0 14.2 21.2

Manual Integrations
APPROVED

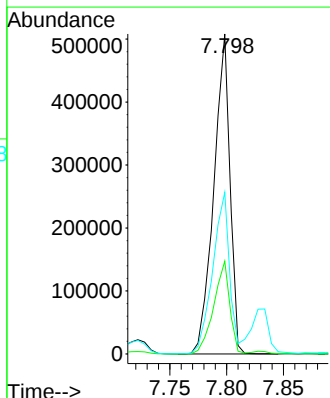
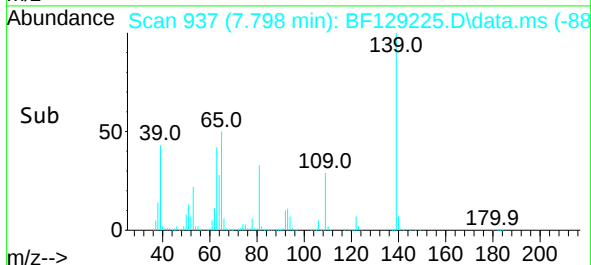
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

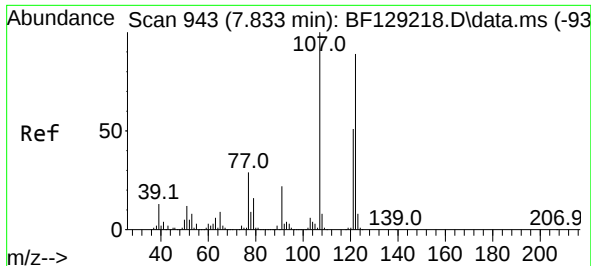


#26
2-Nitrophenol
Concen: 54.223 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:139 Resp: 503438
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.4
65 50.5 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 57.940 ng

RT: 7.834 min Scan# 943

Delta R.T. 0.000 min

Lab File: BF129225.D

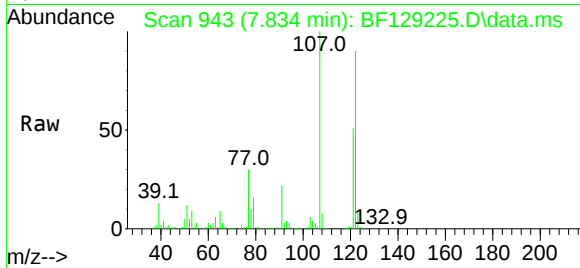
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS



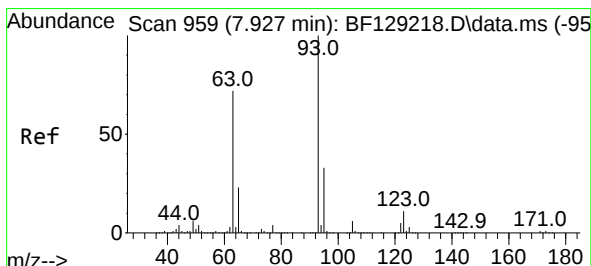
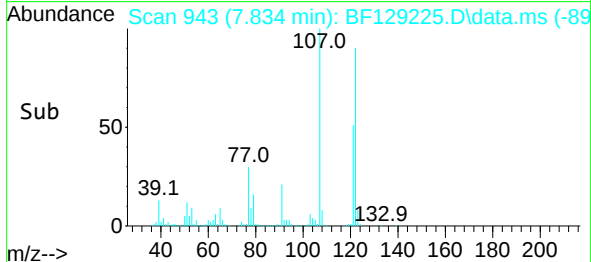
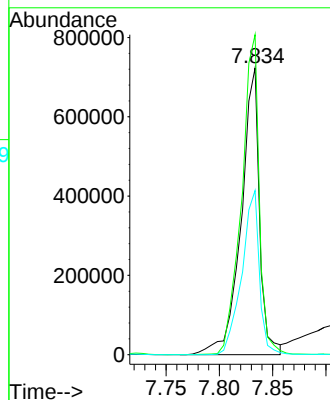
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	93.0	139.6
121	57.2	46.6	70.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.309 ng

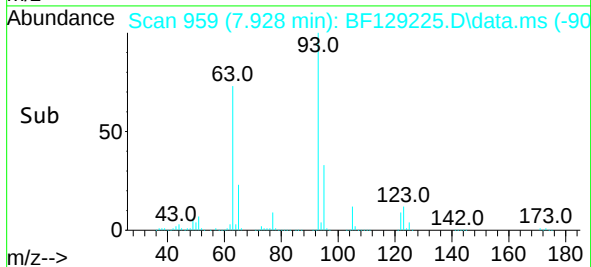
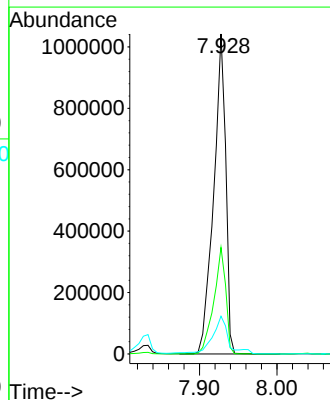
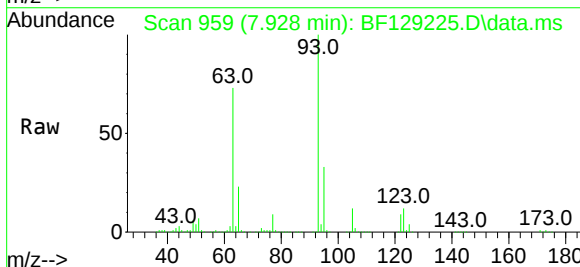
RT: 7.928 min Scan# 959

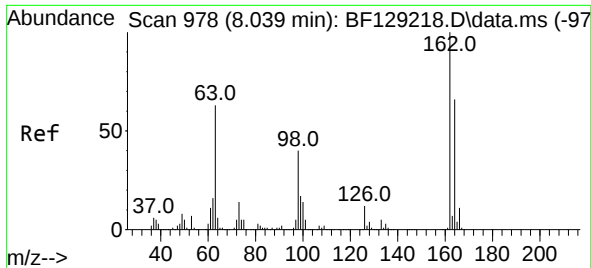
Delta R.T. 0.000 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.8	9.2	13.8





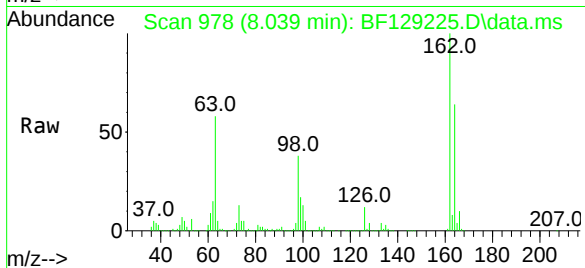
#29
2,4-Dichlorophenol
Concen: 50.376 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

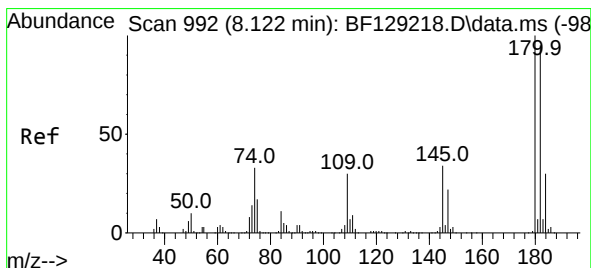
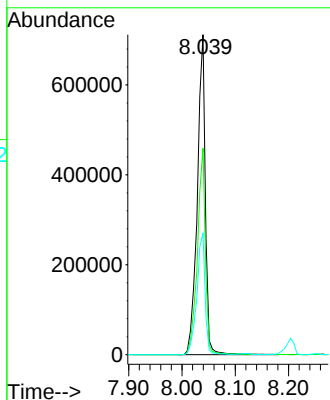
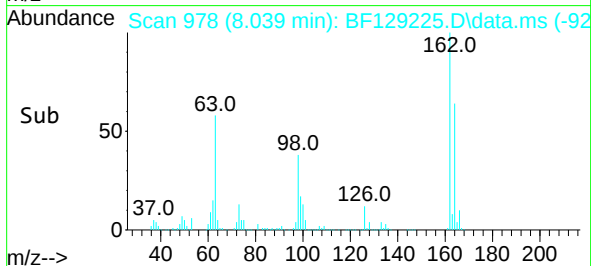
PB146162BS



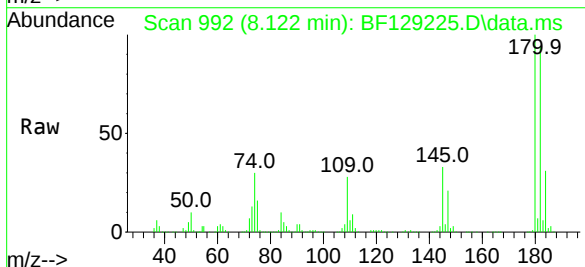
Tgt Ion:162 Resp: 751540
Ion Ratio Lower Upper
162 100
164 64.5 44.2 84.2
98 37.9 19.6 59.6

Manual Integrations
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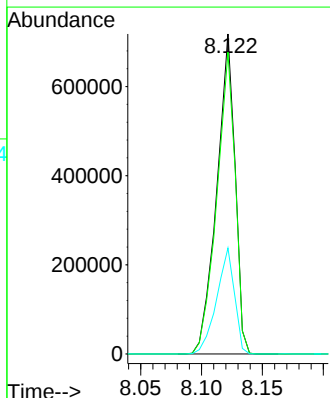
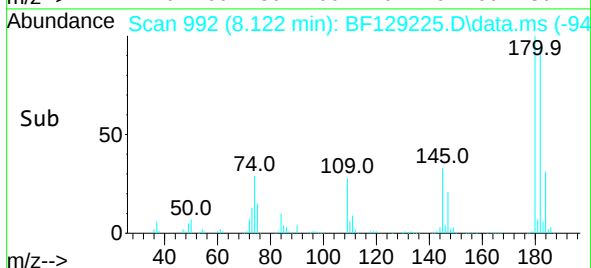
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

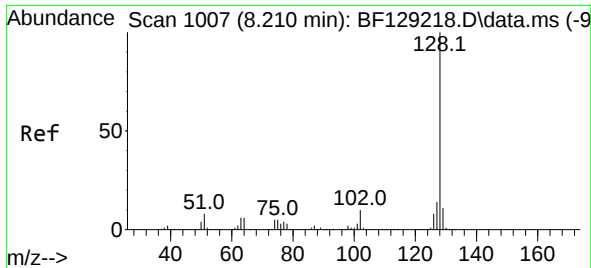


#30
1,2,4-Trichlorobenzene
Concen: 47.936 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



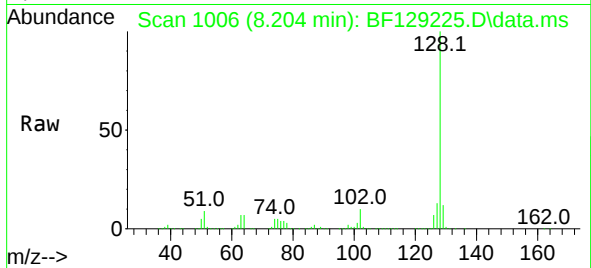
Tgt Ion:180 Resp: 749113
Ion Ratio Lower Upper
180 100
182 94.3 79.2 118.8
145 33.1 26.2 39.2





#31
Naphthalene
Concen: 50.525 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

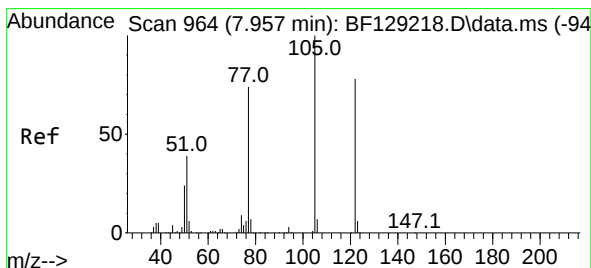
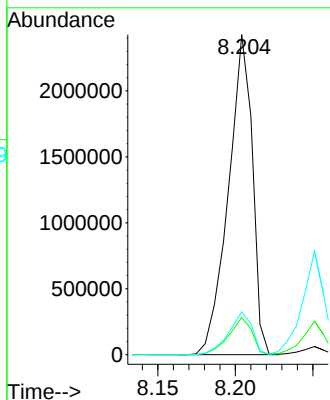
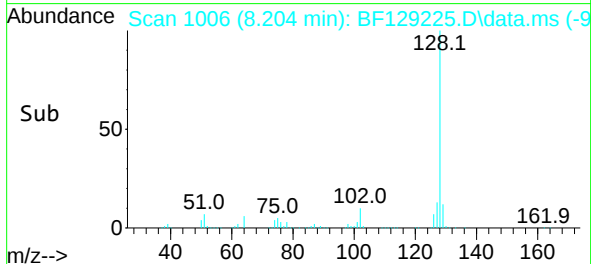
Instrument :
BNA_F
ClientSampleId :
PB146162BS



Tgt Ion:128 Resp: 260740
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.5 15.7

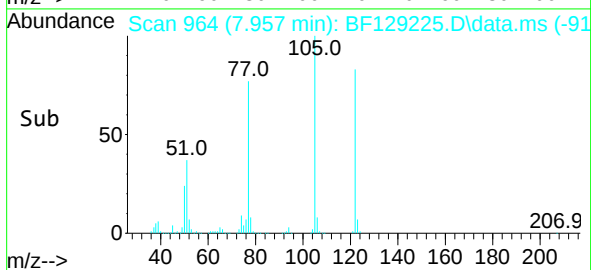
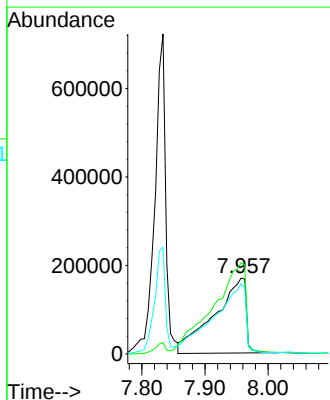
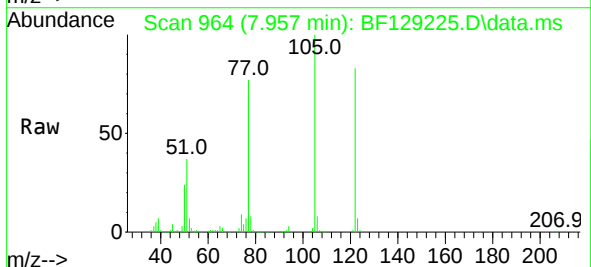
Manual Integrations
APPROVED

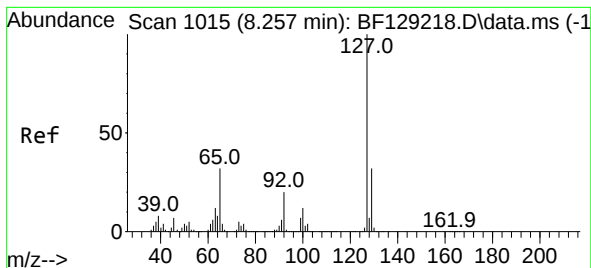
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#32
Benzoic acid
Concen: 50.568 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:122 Resp: 596193
Ion Ratio Lower Upper
122 100
105 120.1 107.1 147.1
77 92.6 74.2 114.2





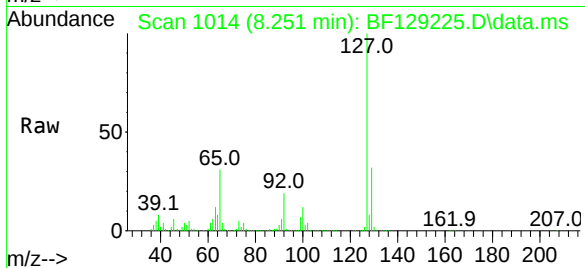
#33
4-Chloroaniline
Concen: 37.625 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

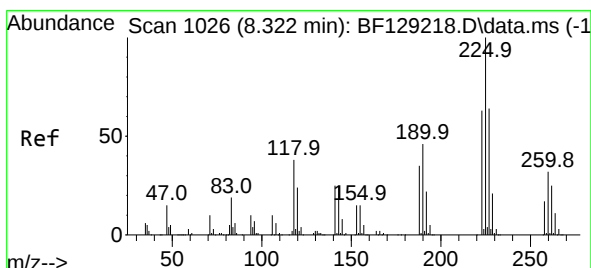
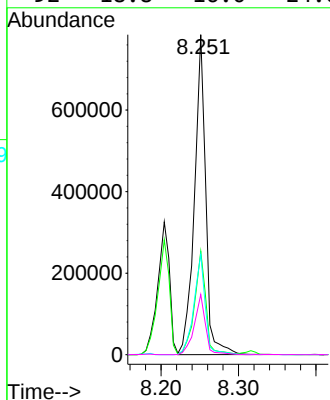
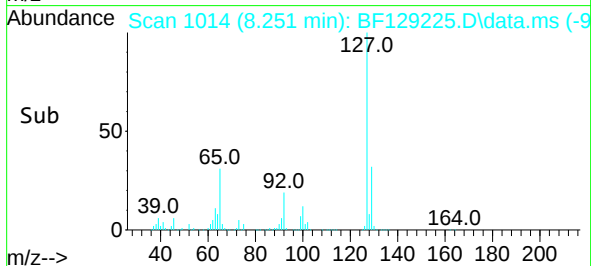


Tgt Ion:127 Resp: 795227
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6
65 31.5 26.4 39.6
92 18.8 16.0 24.0

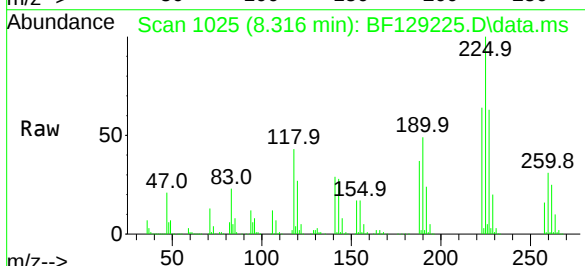
Manual Integrations

APPROVED

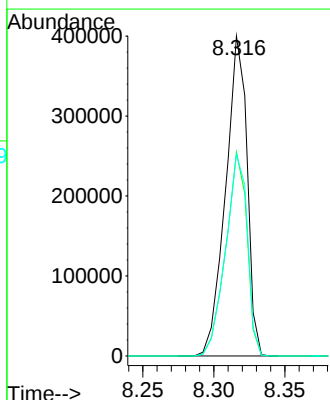
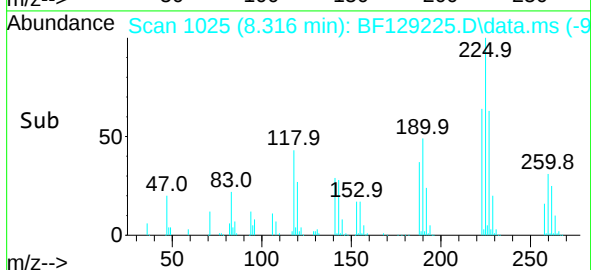
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

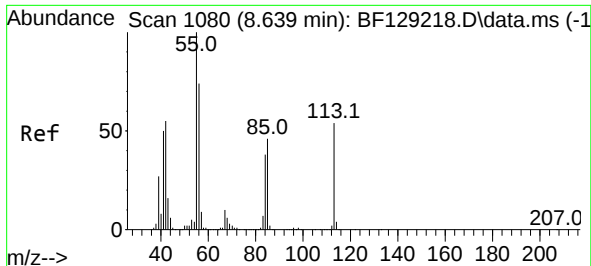


#34
Hexachlorobutadiene
Concen: 48.410 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



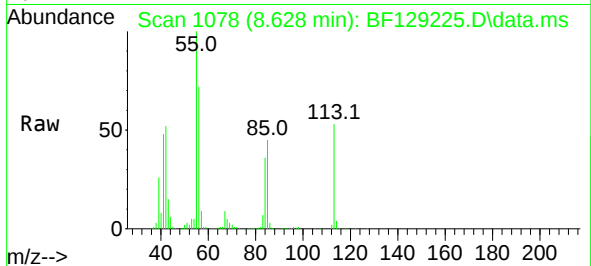
Tgt Ion:225 Resp: 420068
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 63.1 51.1 76.7





#35
Caprolactam
Concen: 51.976 ng m
RT: 8.628 min Scan# 1080
Delta R.T. -0.012 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

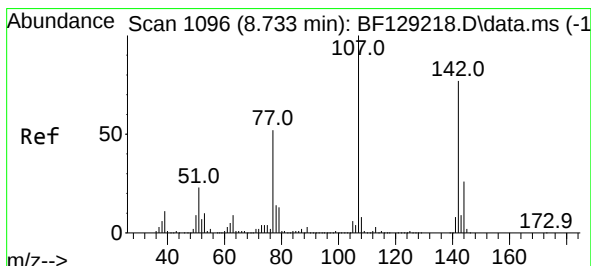
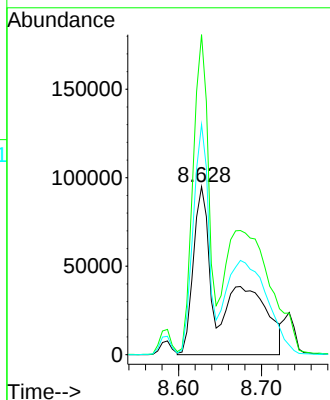
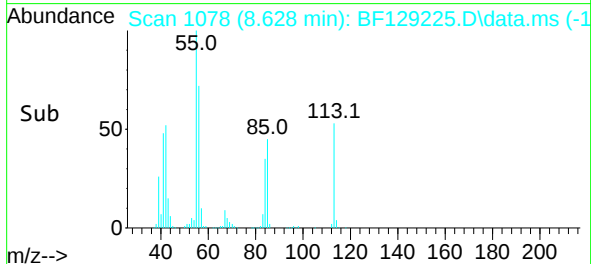
Instrument :
BNA_F
ClientSampleId :
PB146162BS



Tgt Ion:113 Resp: 257408
Ion Ratio Lower Upper
113 100
55 190.5 188.5 228.5
56 137.1 130.6 170.6

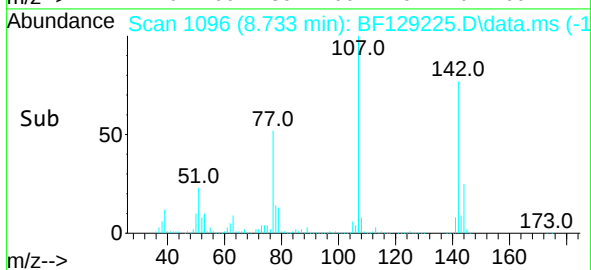
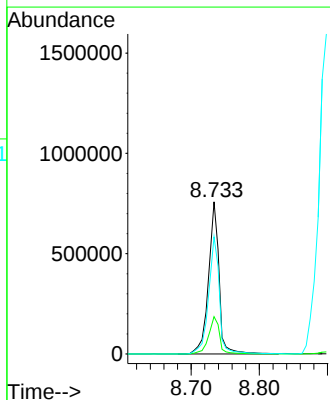
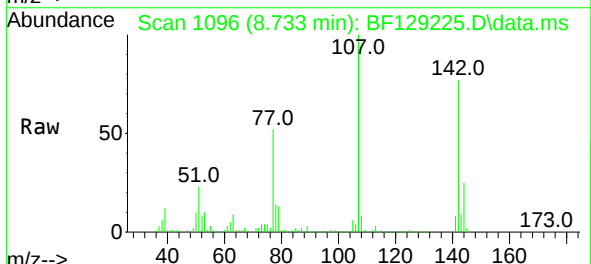
Manual Integrations
APPROVED

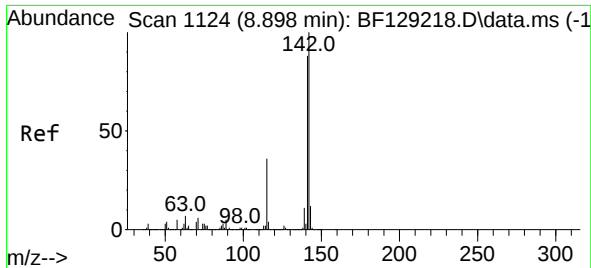
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#36
4-Chloro-3-methylphenol
Concen: 50.129 ng
RT: 8.733 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:107 Resp: 818600
Ion Ratio Lower Upper
107 100
144 24.5 19.5 29.3
142 76.9 58.2 87.4





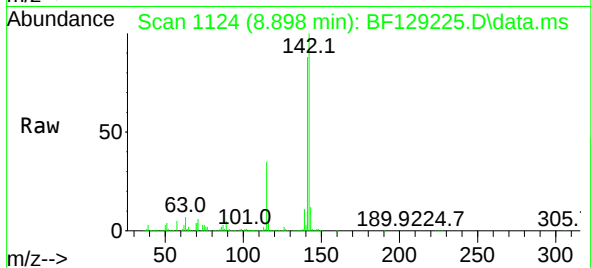
#37
2-Methylnaphthalene
Concen: 50.743 ng
RT: 8.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

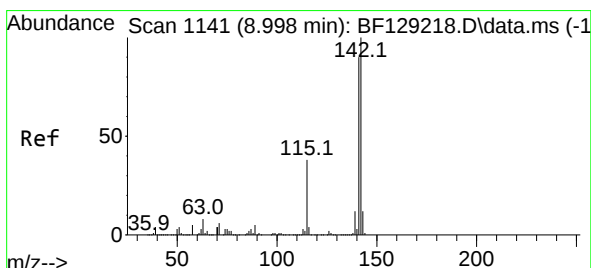
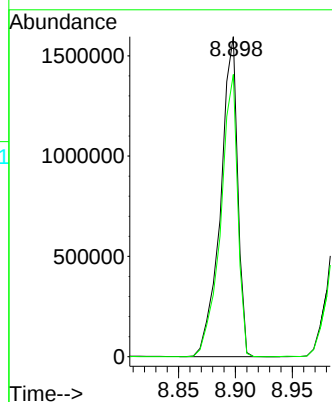
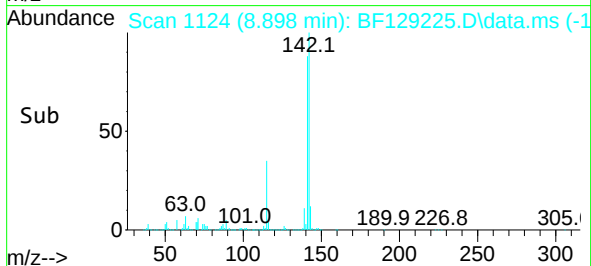


Tgt Ion:142 Resp: 168190
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.4

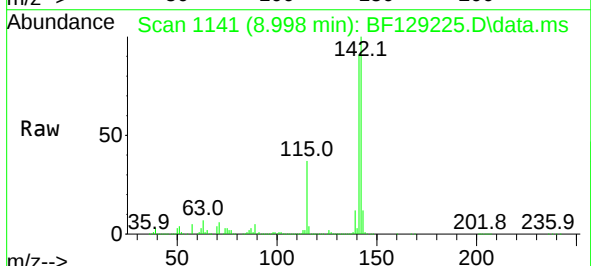
Manual Integrations

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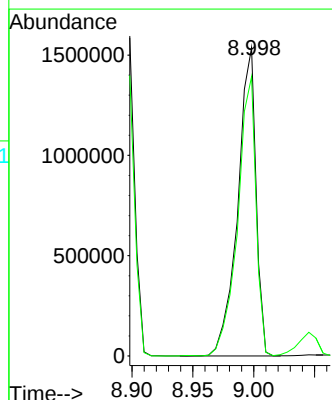
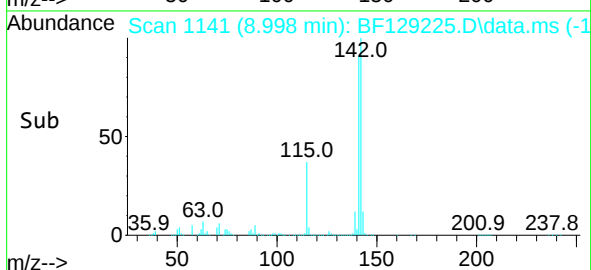
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

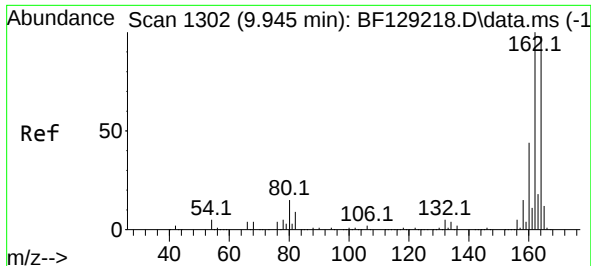


#38
1-Methylnaphthalene
Concen: 49.891 ng
RT: 8.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:142 Resp: 1601934
Ion Ratio Lower Upper
142 100
141 90.5 74.2 111.4





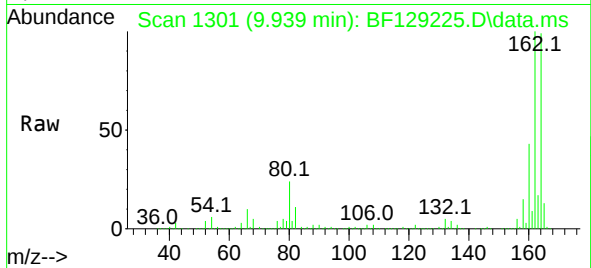
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

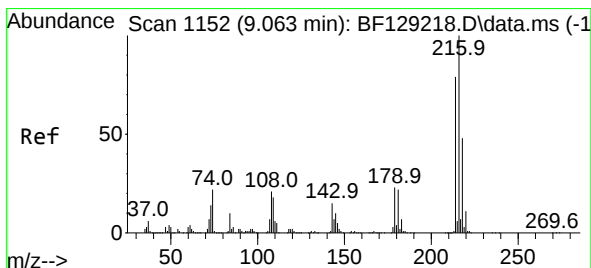
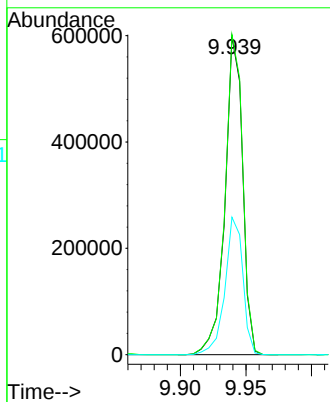
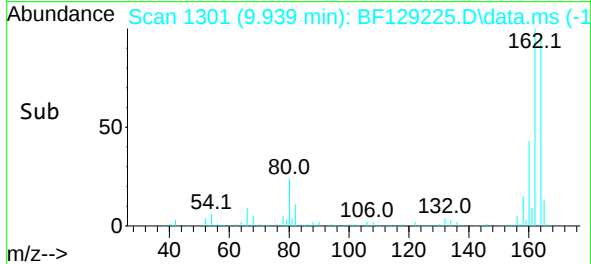


Tgt Ion:164 Resp: 559063
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.2 34.2 51.4

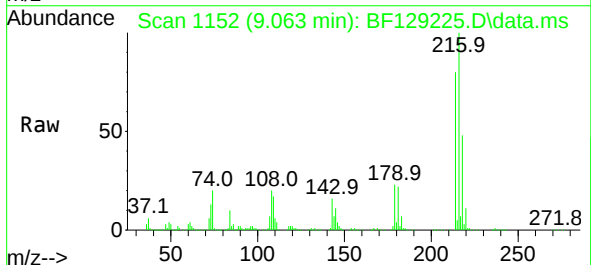
Manual Integrations

APPROVED

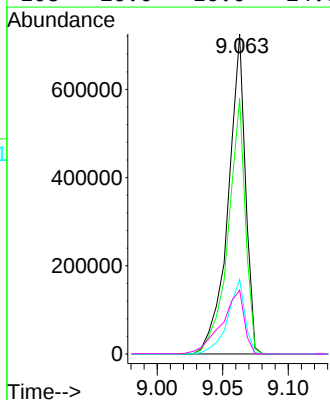
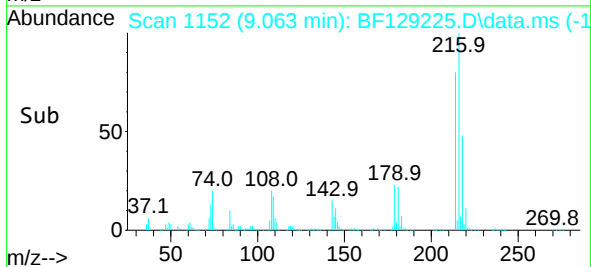
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

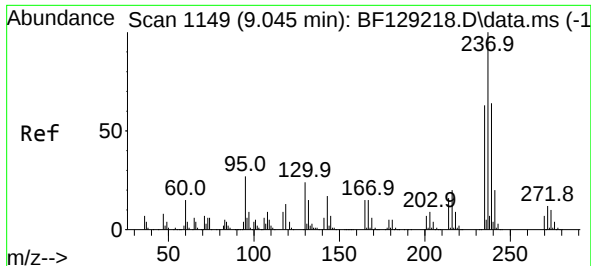


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.912 ng
RT: 9.063 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:216 Resp: 665621
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 23.2 17.0 25.6
108 26.0 16.0 24.0





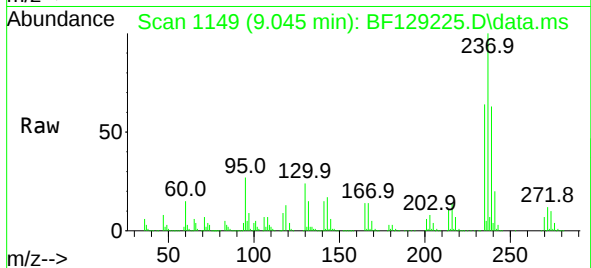
#41
Hexachlorocyclopentadiene
Concen: 123.143 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

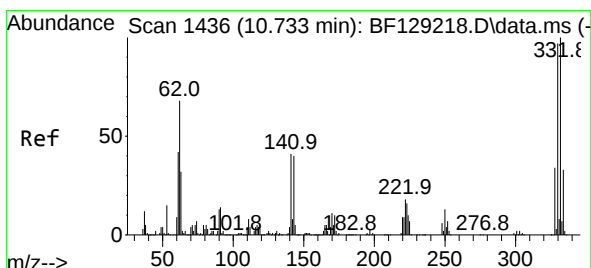
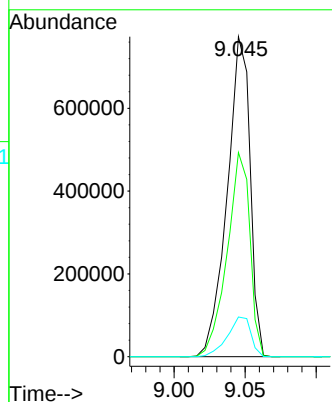
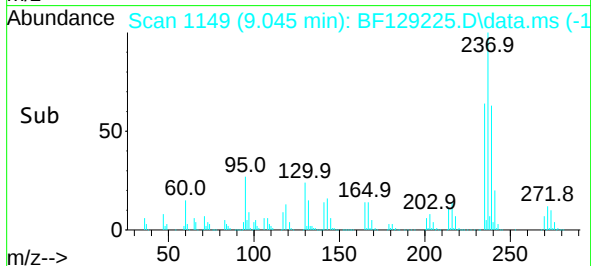


Tgt Ion:237 Resp: 866230
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 12.4 0.0 31.9

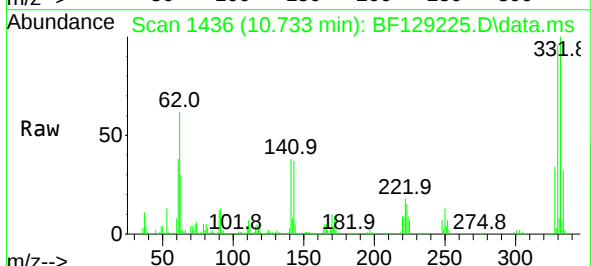
Manual Integrations

APPROVED

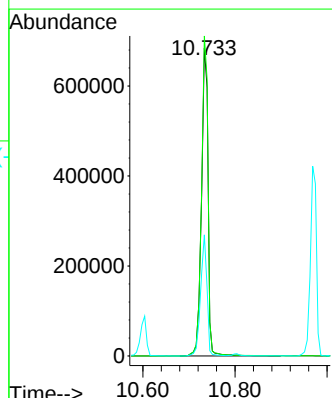
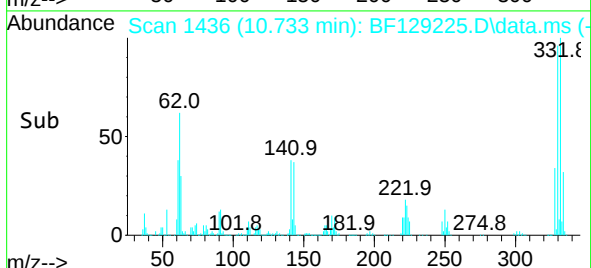
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

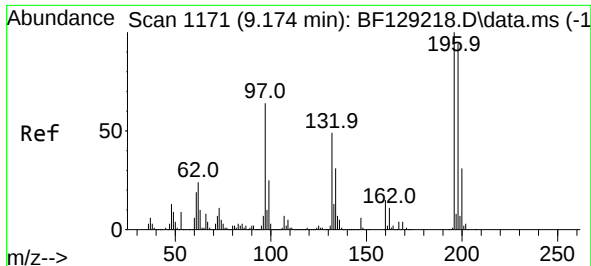


#42
2,4,6-Tribromophenol
Concen: 134.498 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:330 Resp: 676870
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 38.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 48.361 ng

RT: 9.175 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

Tgt Ion:196 Resp: 510529

Ion Ratio Lower Upper

196 100

198 96.7 74.0 111.0

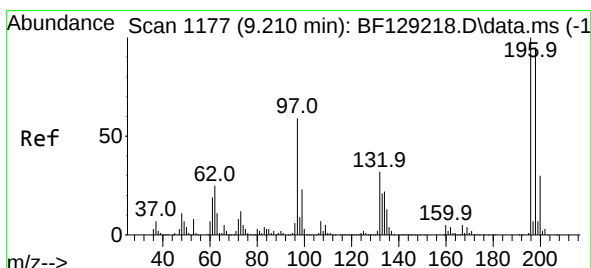
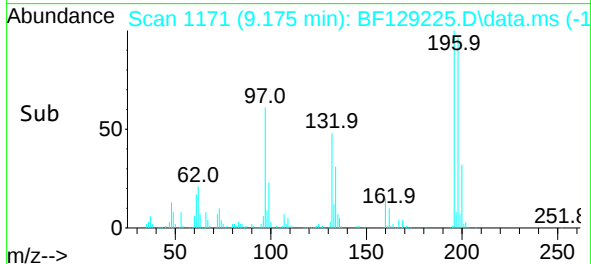
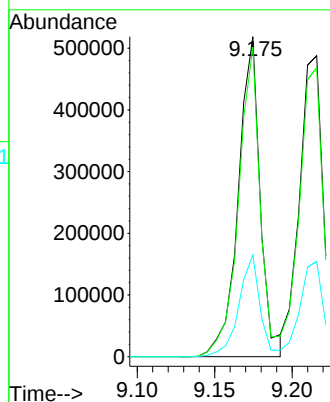
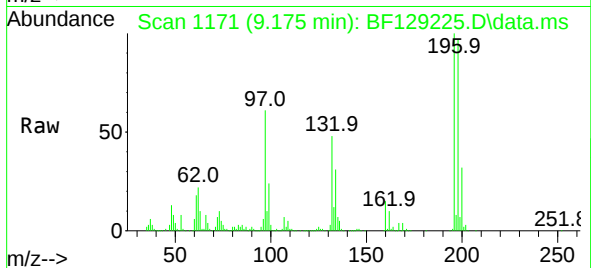
200 31.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#44

2,4,5-Trichlorophenol

Concen: 49.714 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Tgt Ion:196 Resp: 534205

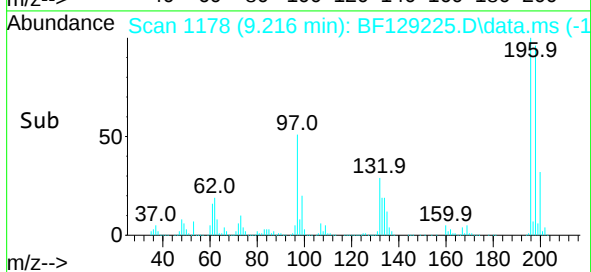
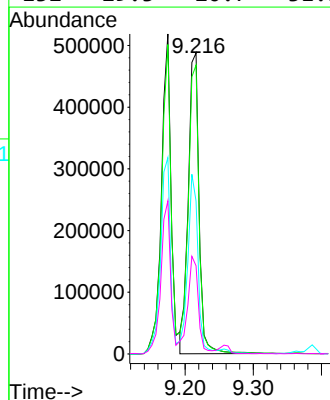
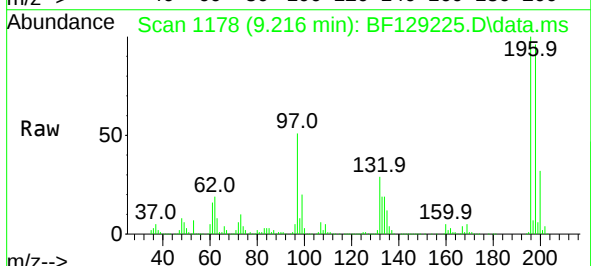
Ion Ratio Lower Upper

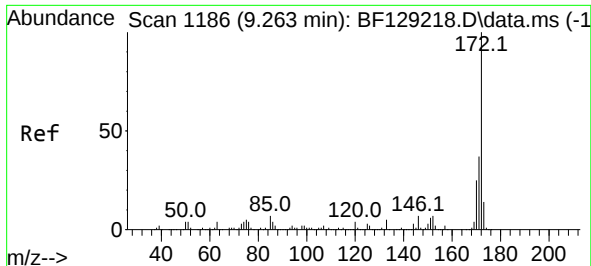
196 100

198 96.0 75.7 113.5

97 50.8 36.4 54.6

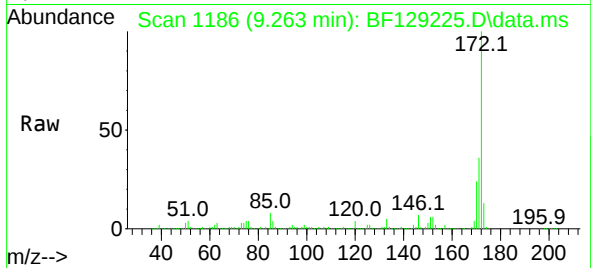
132 29.3 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 82.038 ng
RT: 9.263 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

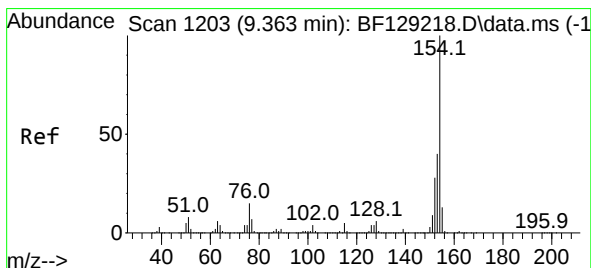
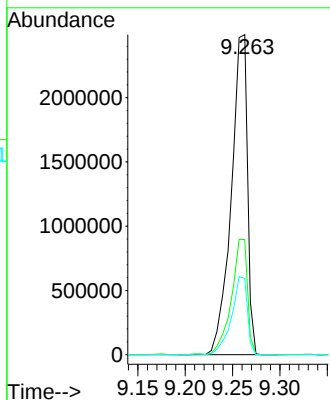
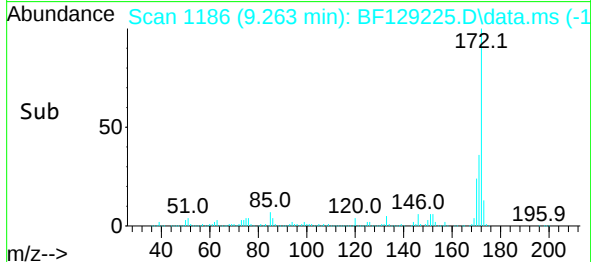
Instrument :
BNA_F
ClientSampleId :
PB146162BS



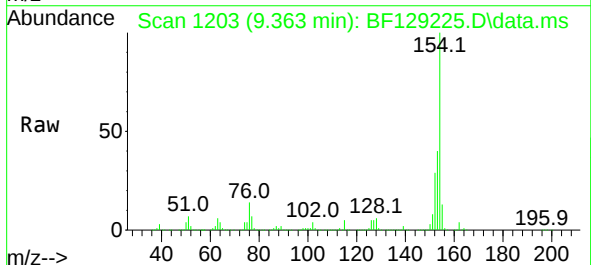
Tgt Ion:172 Resp: 2967730
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 19.8 29.8

Manual Integrations
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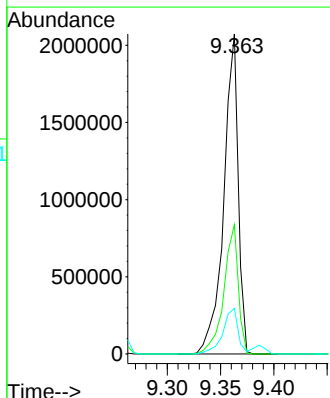
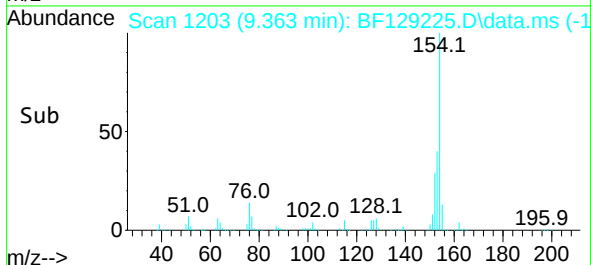
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

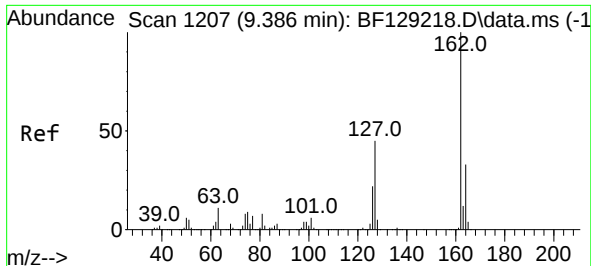


#46
1,1'-Biphenyl
Concen: 48.363 ng
RT: 9.363 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:154 Resp: 1951493
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 48.795 ng

RT: 9.386 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

Tgt Ion:162 Resp: 1544270

Ion Ratio Lower Upper

162 100

127 44.8 34.5 51.7

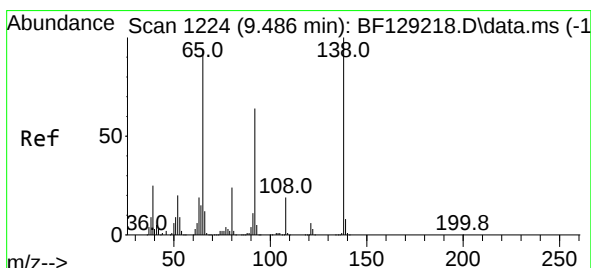
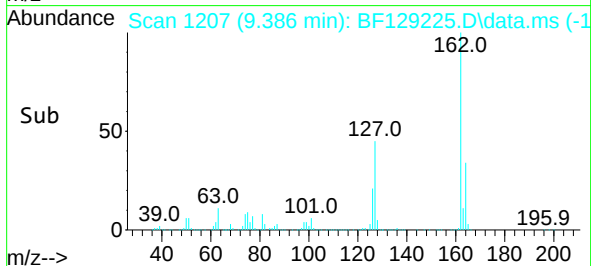
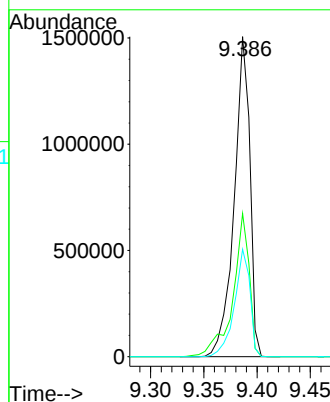
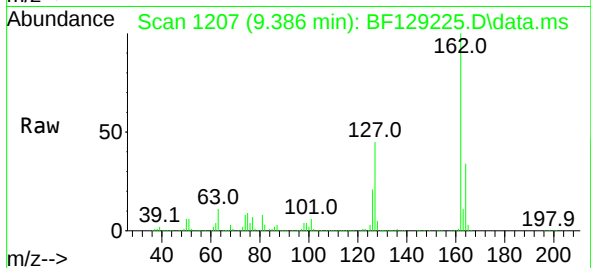
164 33.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#48

2-Nitroaniline

Concen: 50.180 ng

RT: 9.480 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

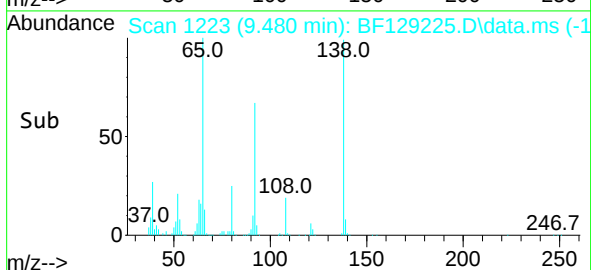
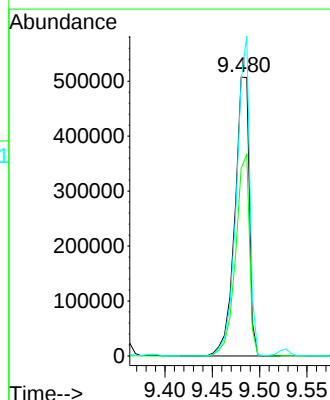
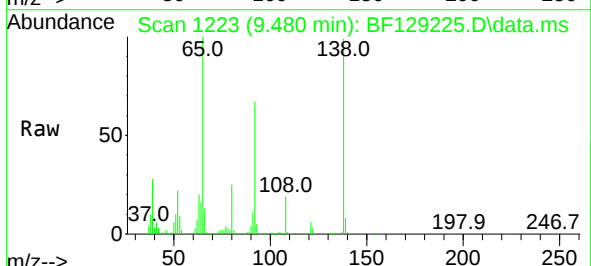
Tgt Ion: 65 Resp: 537447

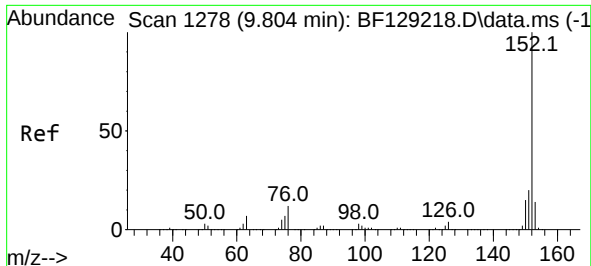
Ion Ratio Lower Upper

65 100

92 67.2 51.9 77.9

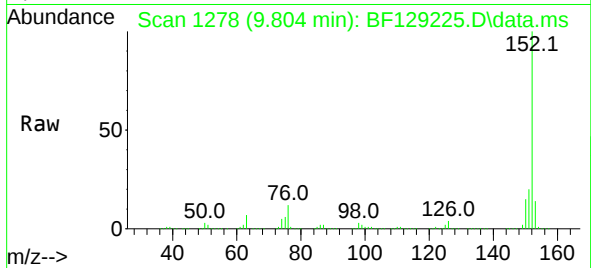
138 99.1 76.4 114.6





#49
Acenaphthylene
Concen: 50.689 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

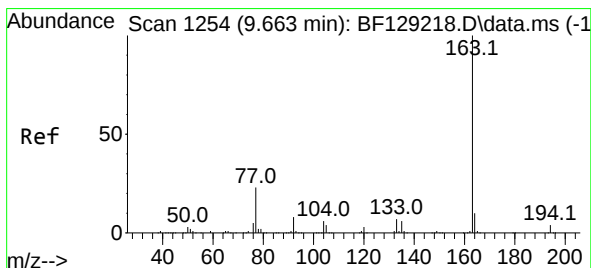
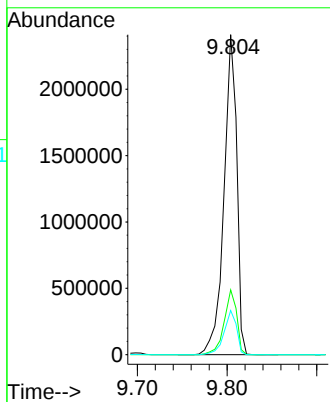
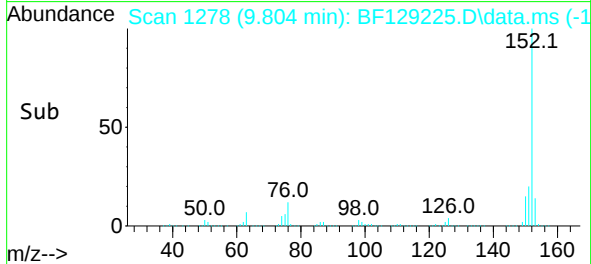
Instrument :
BNA_F
ClientSampleId :
PB146162BS



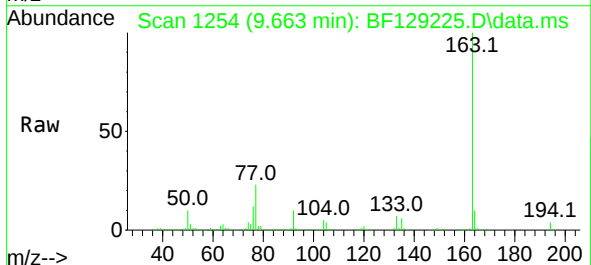
Tgt Ion:152 Resp: 238940
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.8 10.7 16.1

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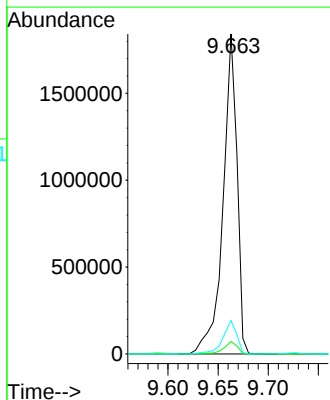
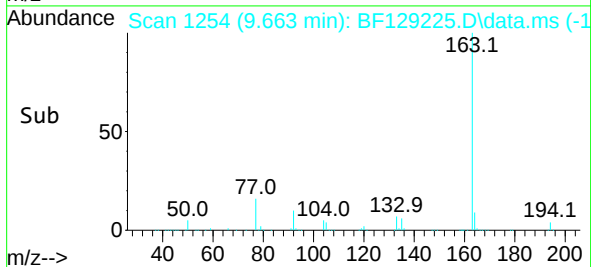
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

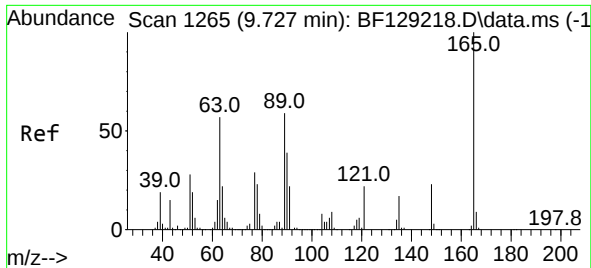


#50
Dimethylphthalate
Concen: 49.480 ng
RT: 9.663 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:163 Resp: 1776448
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.2 12.2





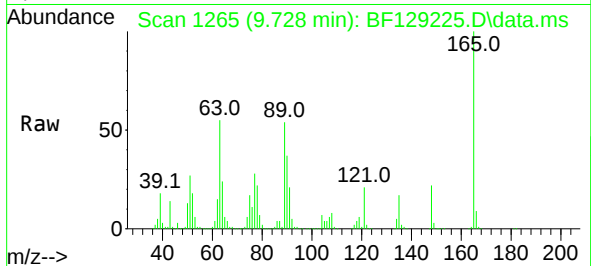
#51
2,6-Dinitrotoluene
Concen: 53.935 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

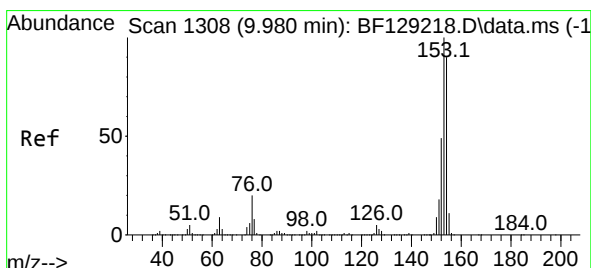
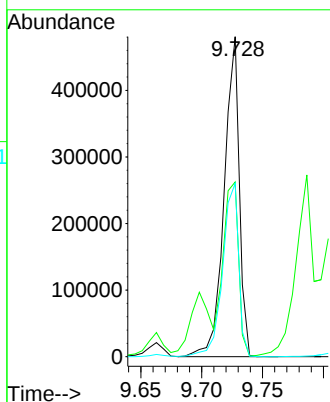
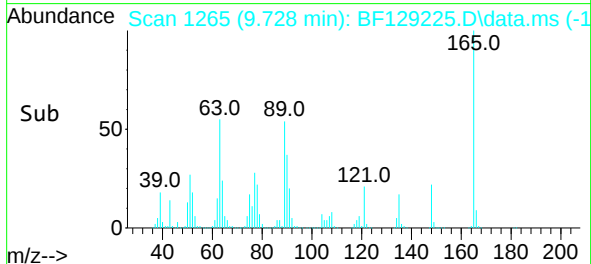


Tgt Ion:165 Resp: 416952
Ion Ratio Lower Upper
165 100
63 54.6 44.9 67.3
89 54.2 43.6 65.4

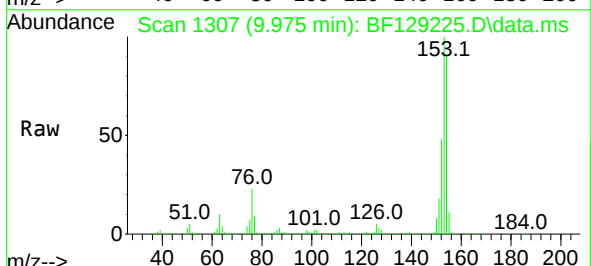
Manual Integrations

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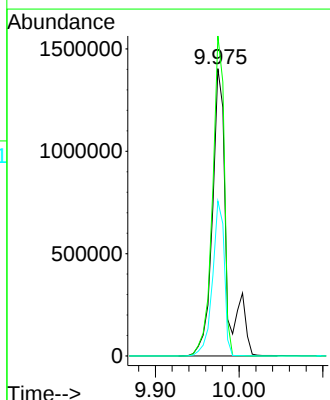
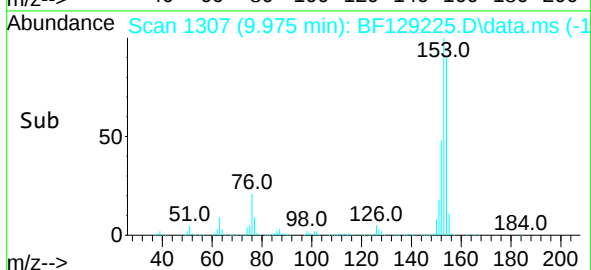
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

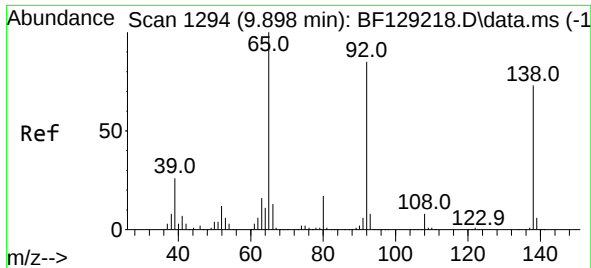


#52
Acenaphthene
Concen: 54.296 ng m
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:154 Resp: 1658588
Ion Ratio Lower Upper
154 100
153 111.3 89.6 134.4
152 53.9 42.4 63.6





#53
3-Nitroaniline
Concen: 37.801 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

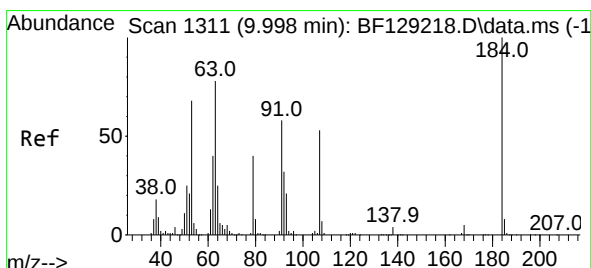
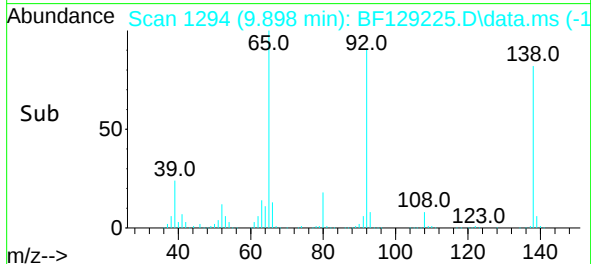
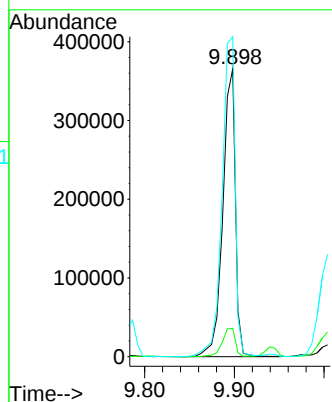
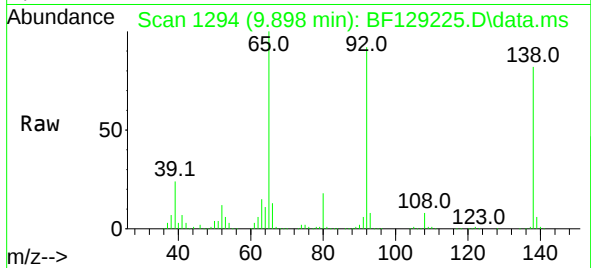
PB146162BS

Tgt Ion:138 Resp: 35499
Ion Ratio Lower Upper
138 100
108 9.9 10.9 16.3
92 111.2 98.2 147.2

Manual Integrations

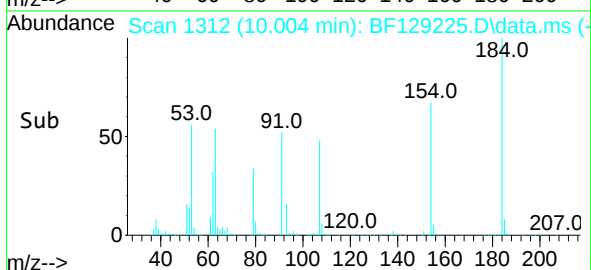
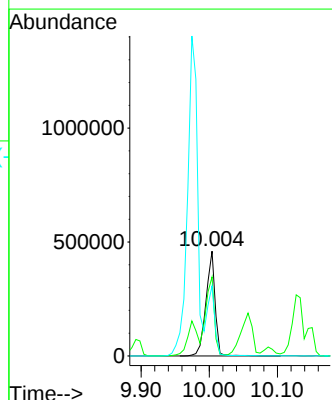
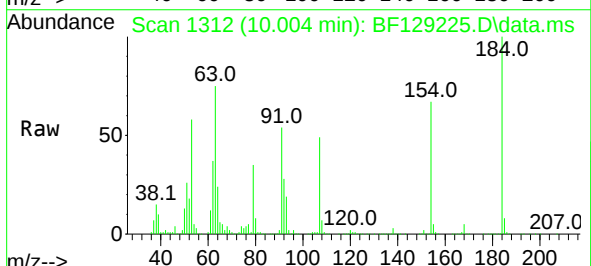
APPROVED

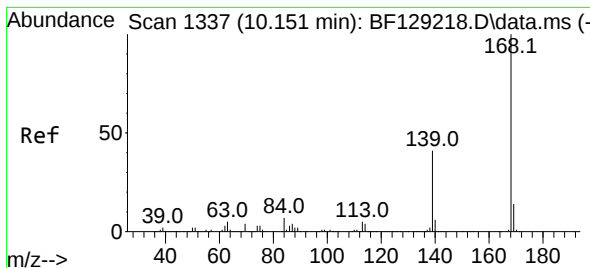
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#54
2,4-Dinitrophenol
Concen: 94.098 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

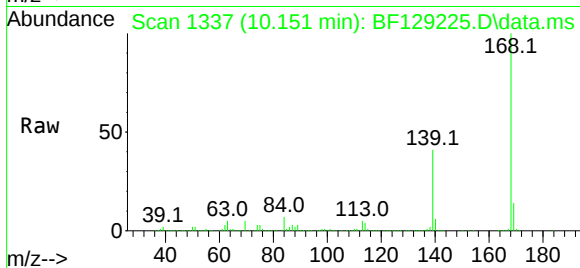
Tgt Ion:184 Resp: 432007
Ion Ratio Lower Upper
184 100
63 75.4 64.5 96.7
154 66.8 50.6 75.8





#55
Dibenzenofuran
Concen: 47.474 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

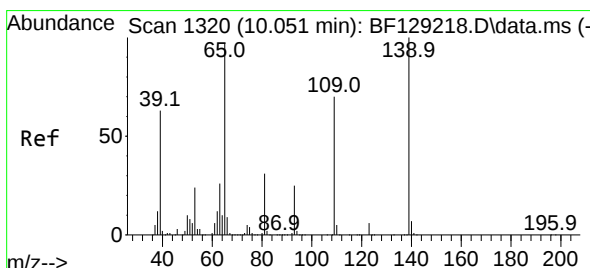
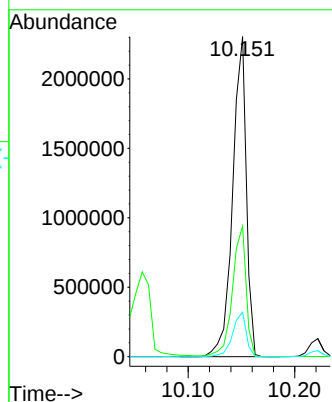
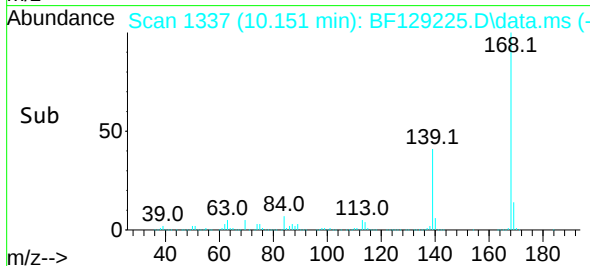
Instrument :
BNA_F
ClientSampleId :
PB146162BS



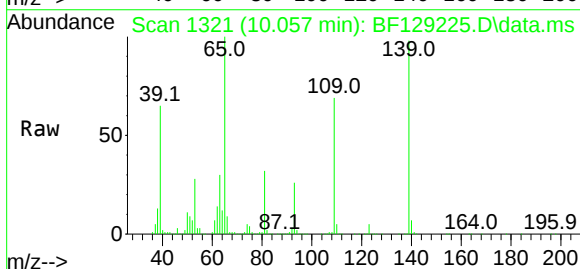
Tgt Ion:168 Resp: 2059340
Ion Ratio Lower Upper
168 100
139 40.8 30.6 46.0
169 13.9 11.0 16.6

Manual Integrations
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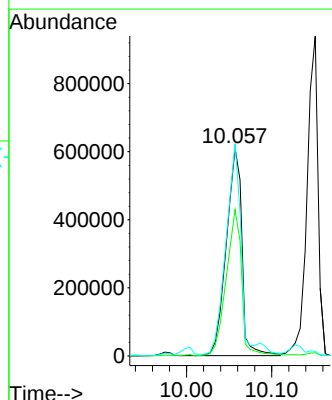
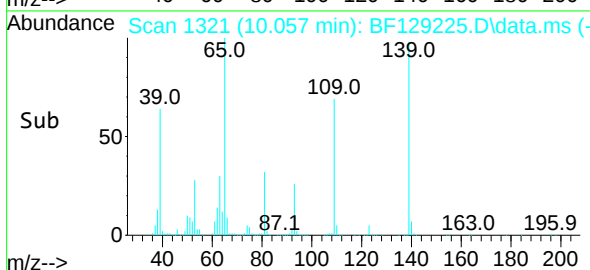
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

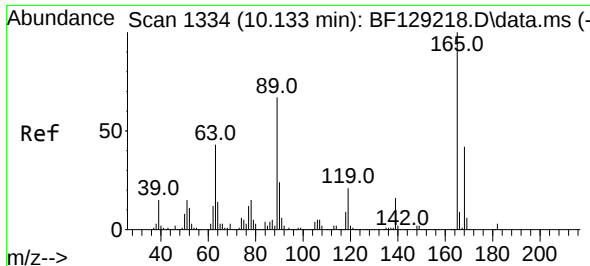


#56
4-Nitrophenol
Concen: 104.283 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



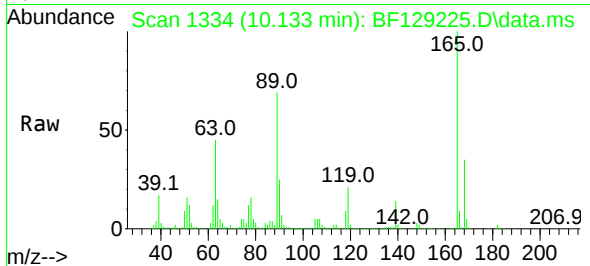
Tgt Ion:139 Resp: 774939
Ion Ratio Lower Upper
139 100
109 70.4 50.7 90.7
65 102.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 54.708 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

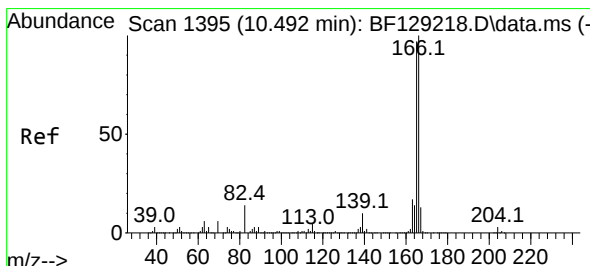
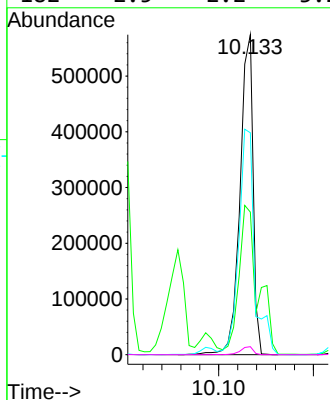
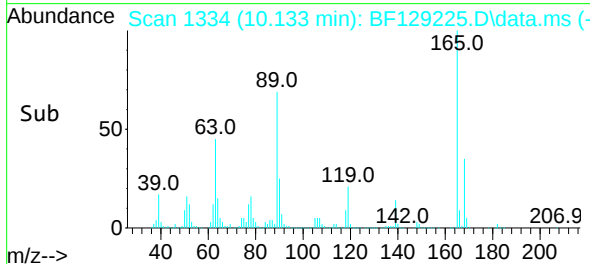
Instrument :
BNA_F
ClientSampleId :
PB146162BS



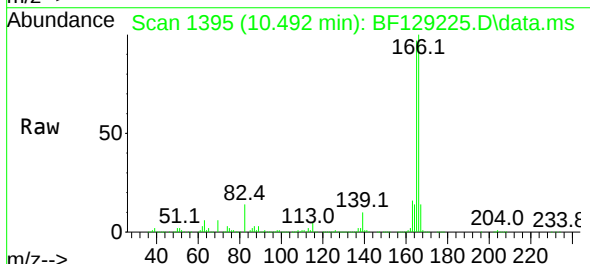
Tgt Ion:165 Resp: 55038
Ion Ratio Lower Upper
165 100
63 44.6 39.8 59.6
89 69.4 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
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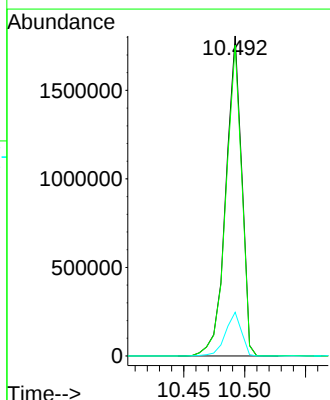
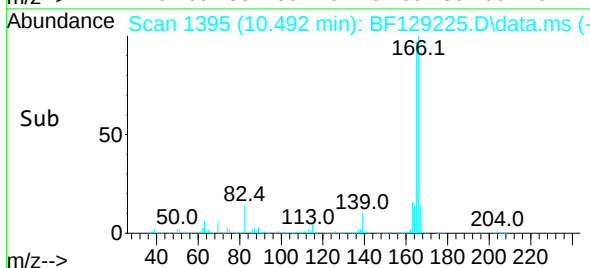
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

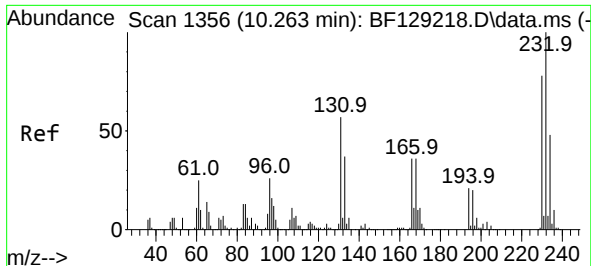


#58
Fluorene
Concen: 49.402 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



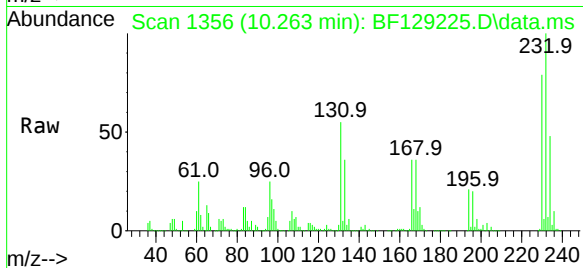
Tgt Ion:166 Resp: 1631635
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.081 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

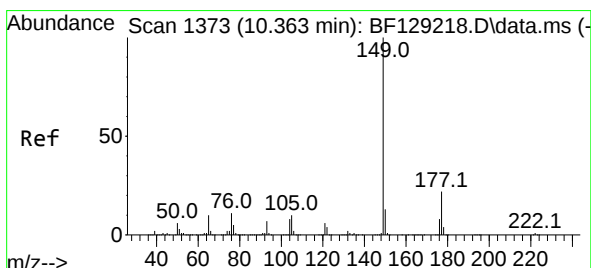
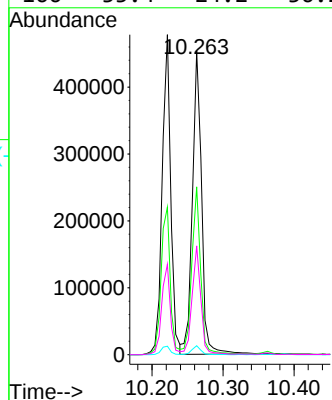
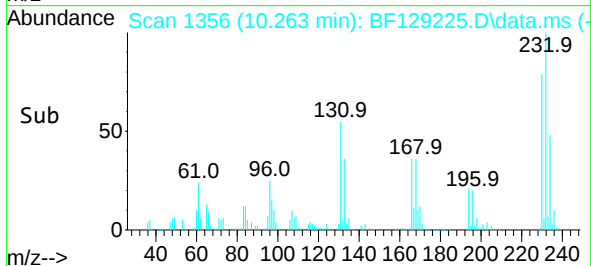
Instrument :
BNA_F
ClientSampleId :
PB146162BS



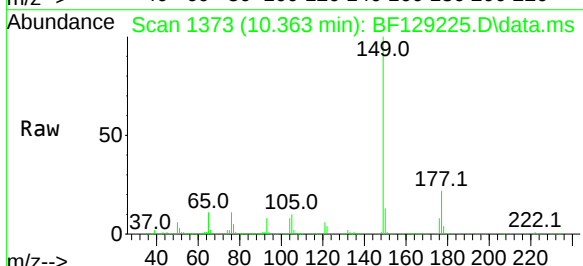
Tgt Ion:232 Resp: 409800
Ion Ratio Lower Upper
232 100
131 52.8 36.1 54.1
130 2.9 1.8 2.8
166 33.4 24.2 36.2

Manual Integrations
APPROVED

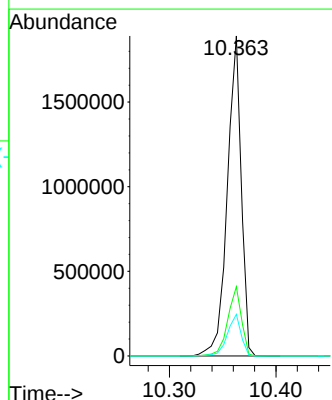
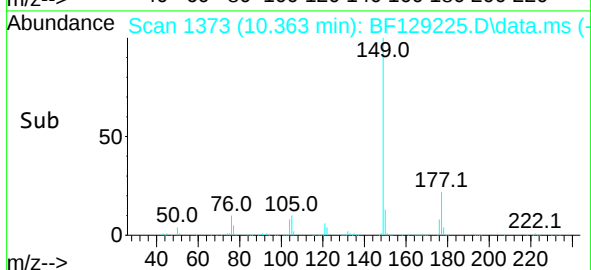
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

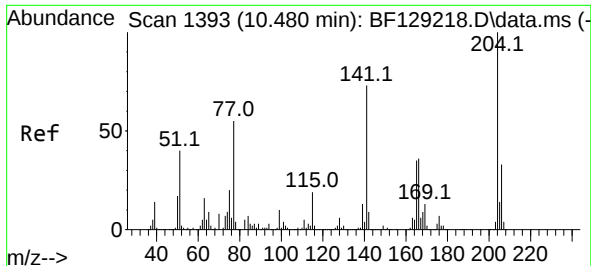


#60
Diethylphthalate
Concen: 49.578 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:149 Resp: 1713925
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 47.745 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

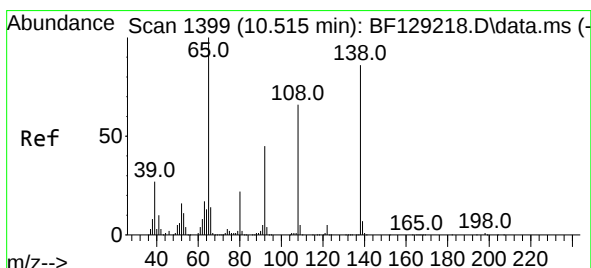
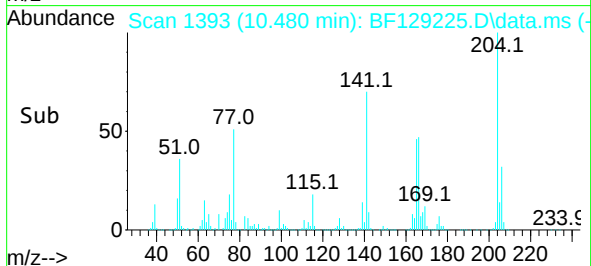
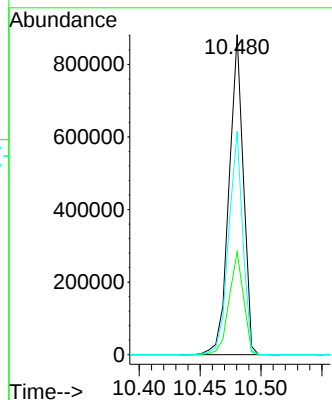
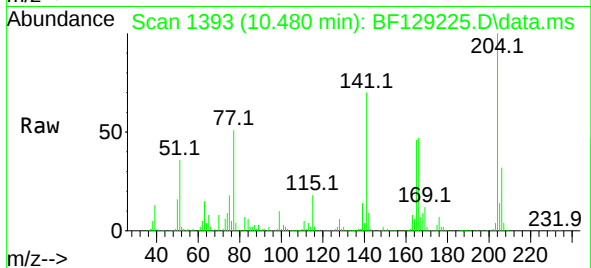
PB146162BS

Tgt Ion:204 Resp: 718798
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 69.8 47.0 70.4

Manual Integrations

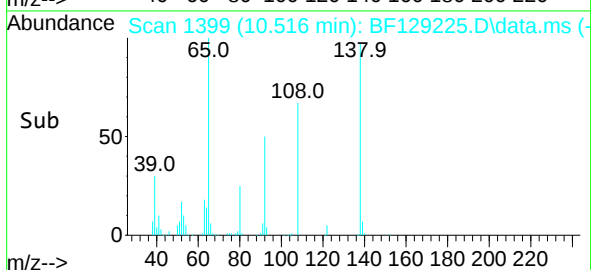
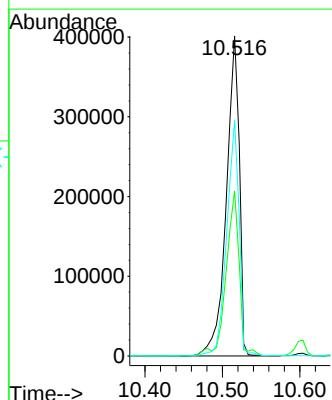
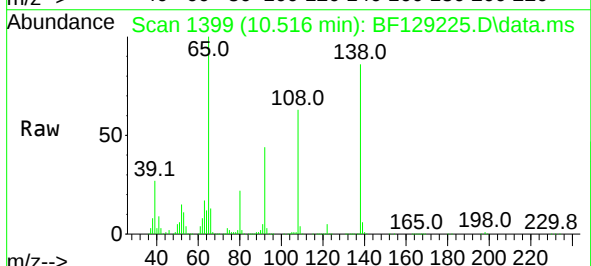
APPROVED

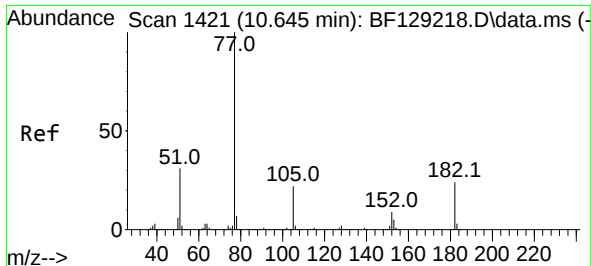
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#62
4-Nitroaniline
Concen: 50.513 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:138 Resp: 467806
Ion Ratio Lower Upper
138 100
92 51.6 33.5 73.5
108 73.6 61.0 101.0





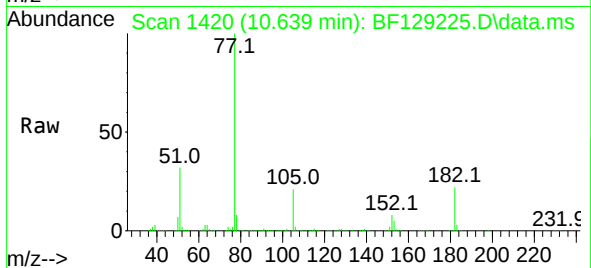
#63
Azobenzene
Concen: 48.195 ng
RT: 10.639 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

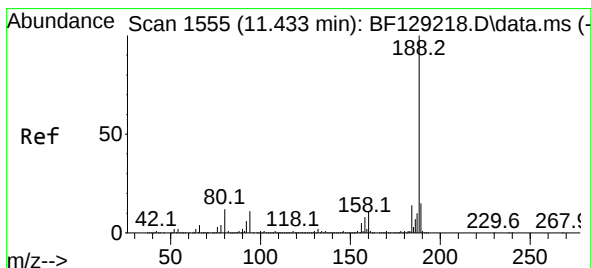
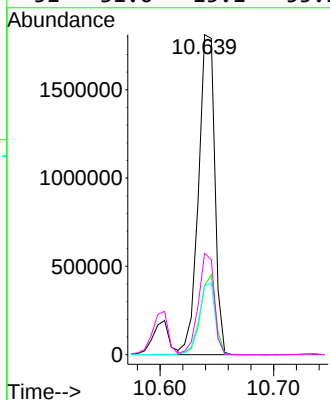
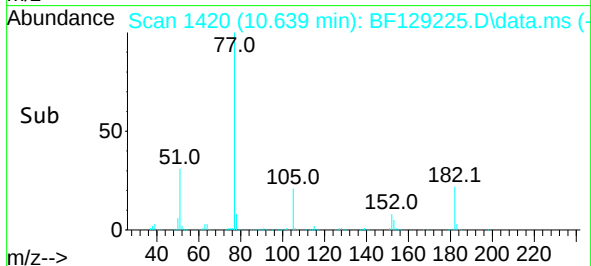


Tgt Ion: 77 Resp: 1808439
Ion Ratio Lower Upper
77 100
182 21.7 5.6 45.6
105 21.5 1.6 41.6
51 31.6 15.1 55.1

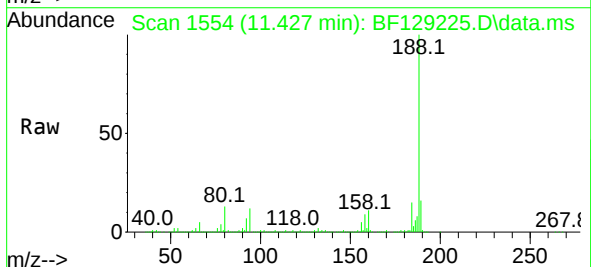
Manual Integrations

APPROVED

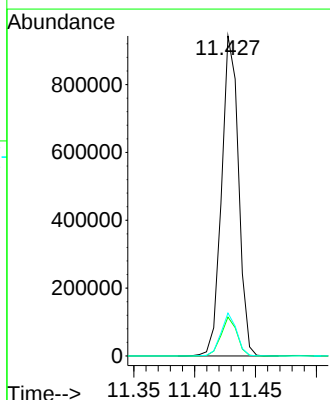
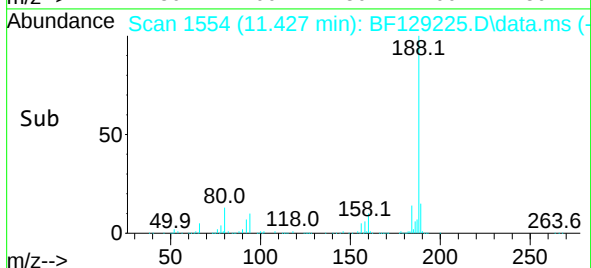
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

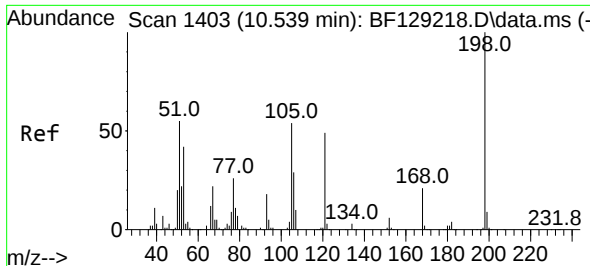


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



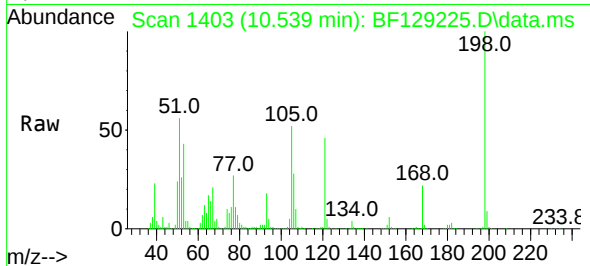
Tgt Ion:188 Resp: 911372
Ion Ratio Lower Upper
188 100
94 12.1 7.0 10.6#
80 13.4 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.651 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

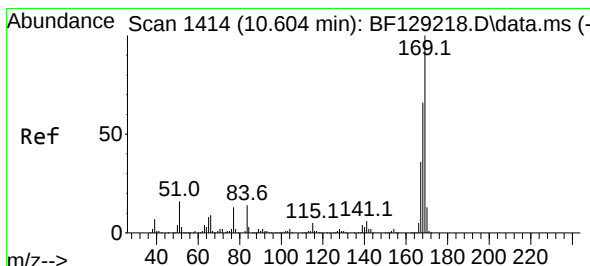
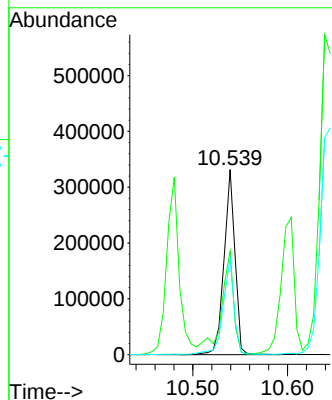
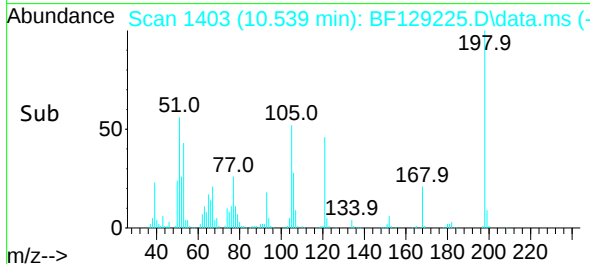
Instrument :
BNA_F
ClientSampleId :
PB146162BS



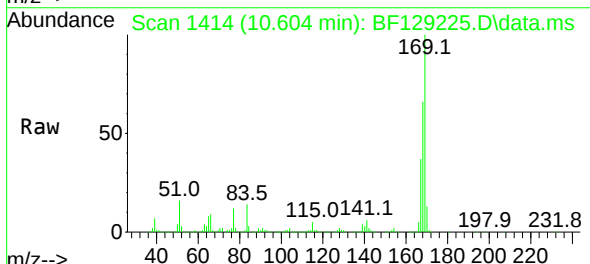
Tgt Ion:198 Resp: 268625
Ion Ratio Lower Upper
198 100
51 55.9 37.6 77.6
105 51.9 27.0 67.0

Manual Integrations
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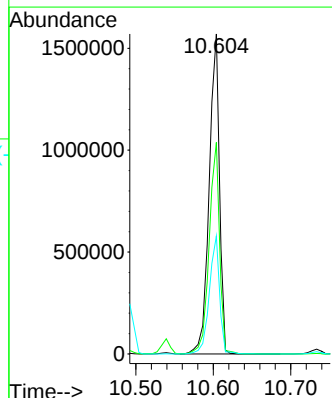
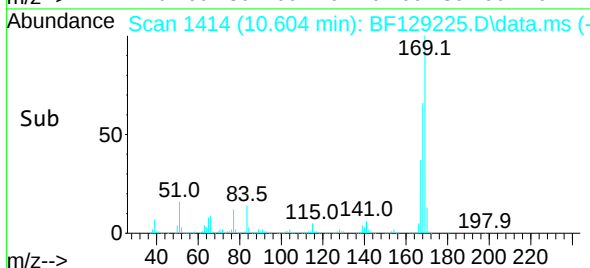
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

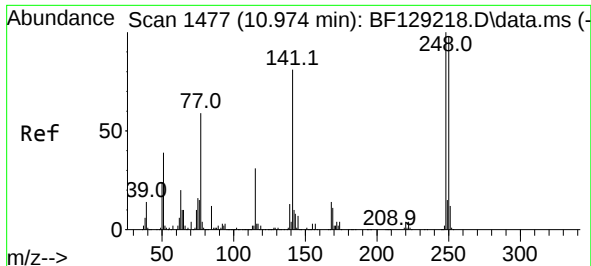


#66
n-Nitrosodiphenylamine
Concen: 50.184 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



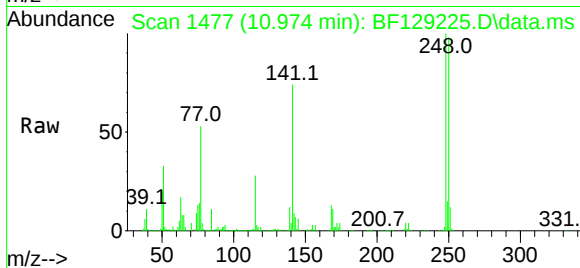
Tgt Ion:169 Resp: 1448511
Ion Ratio Lower Upper
169 100
168 66.1 50.1 75.1
167 36.8 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 49.575 ng
RT: 10.974 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

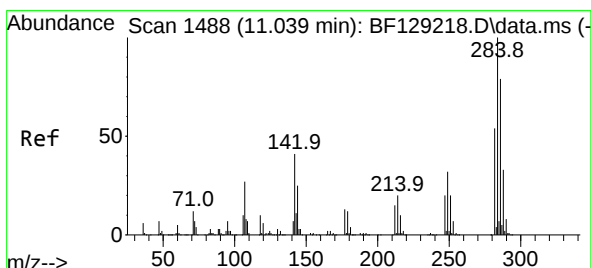
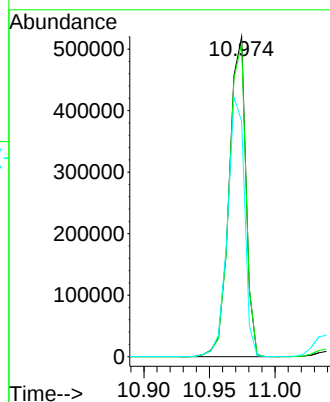
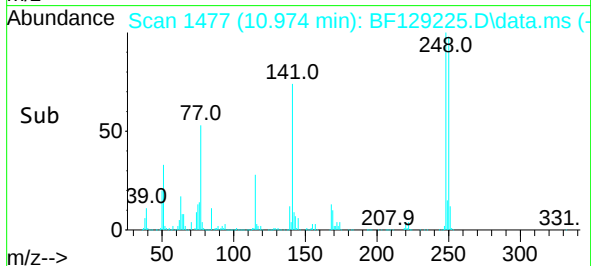
Instrument :
BNA_F
ClientSampleId :
PB146162BS



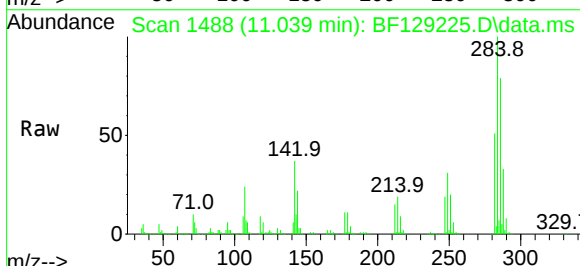
Tgt Ion:248 Resp: 460264
Ion Ratio Lower Upper
248 100
250 97.8 80.6 120.8
141 73.6 58.9 88.3

Manual Integrations
APPROVED

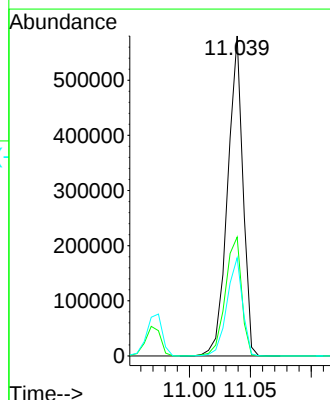
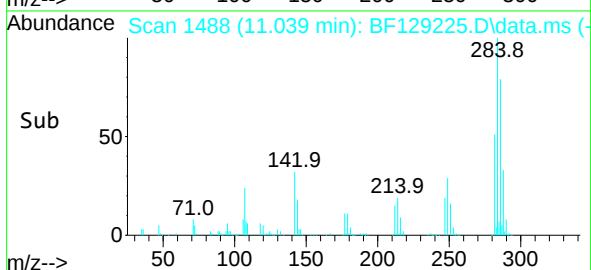
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

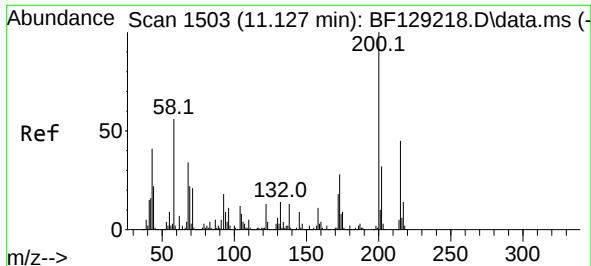


#68
Hexachlorobenzene
Concen: 51.567 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



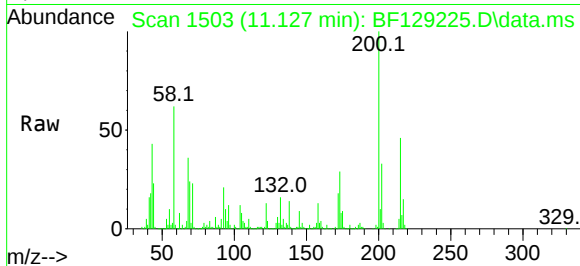
Tgt Ion:284 Resp: 507050
Ion Ratio Lower Upper
284 100
142 37.1 29.0 43.4
249 30.7 25.0 37.6





#69
Atrazine
Concen: 60.294 ng
RT: 11.127 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

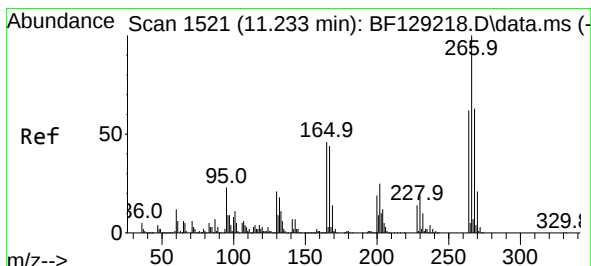
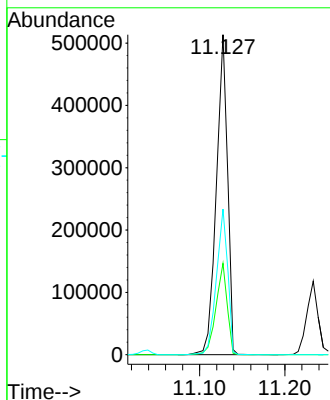
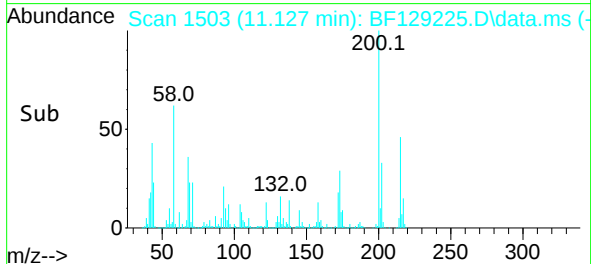
Instrument :
BNA_F
ClientSampleId :
PB146162BS



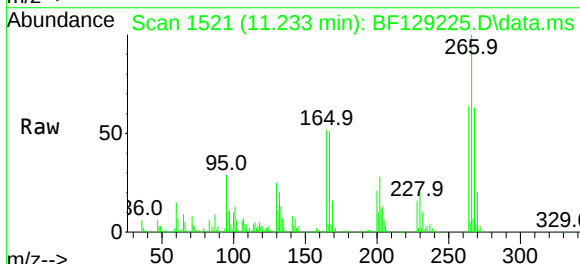
Tgt Ion:200 Resp: 467679
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 45.5 28.3 68.3

Manual Integrations
APPROVED

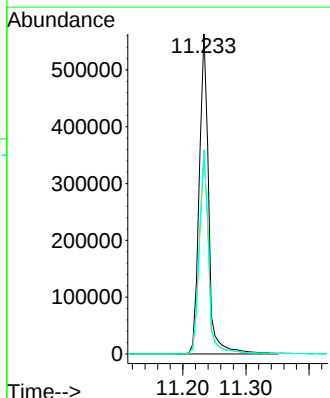
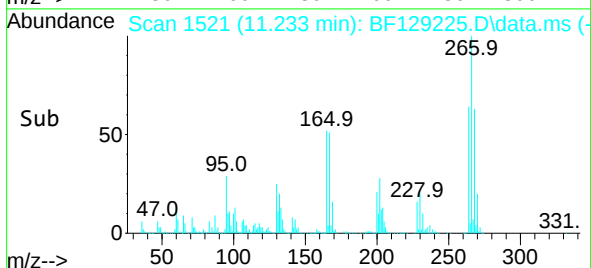
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

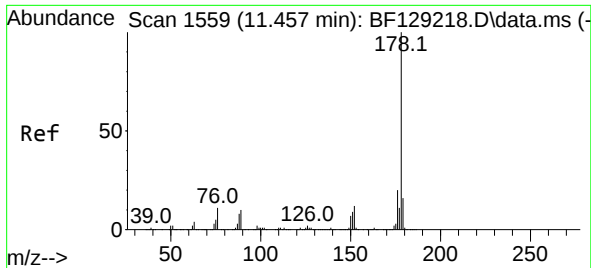


#70
Pentachlorophenol
Concen: 102.143 ng
RT: 11.233 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:266 Resp: 580065
Ion Ratio Lower Upper
266 100
268 62.5 51.0 76.4
264 63.8 49.4 74.2





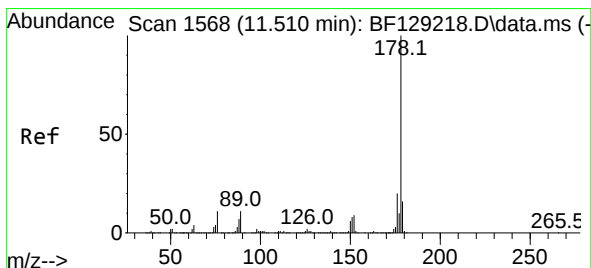
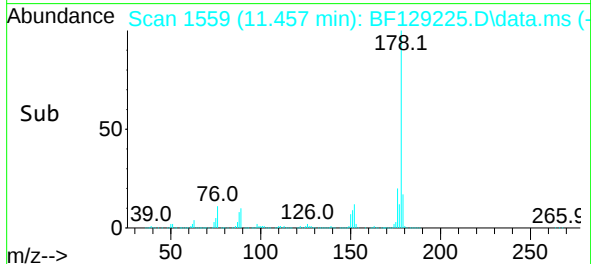
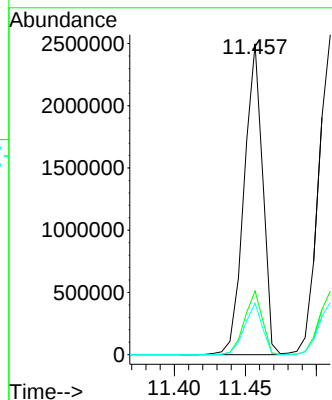
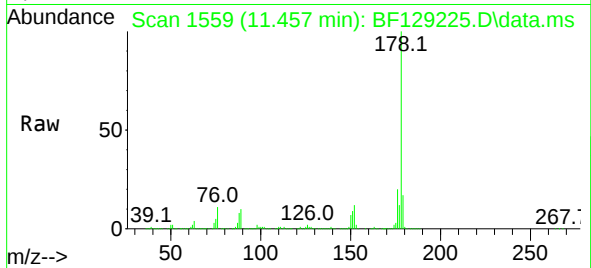
#71
Phenanthrene
Concen: 49.416 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :
BNA_F
ClientSampleId :
PB146162BS

Tgt Ion:178 Resp: 2266030
Ion Ratio Lower Upper
178 100
176 20.5 16.0 24.0
179 16.5 12.6 19.0

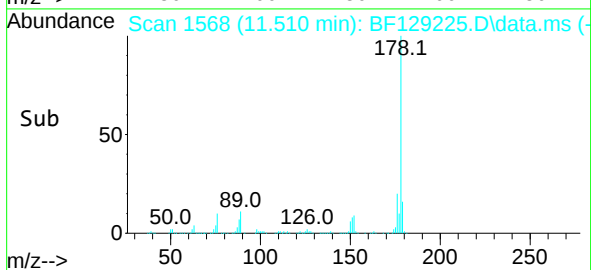
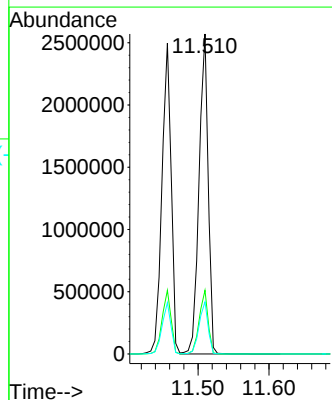
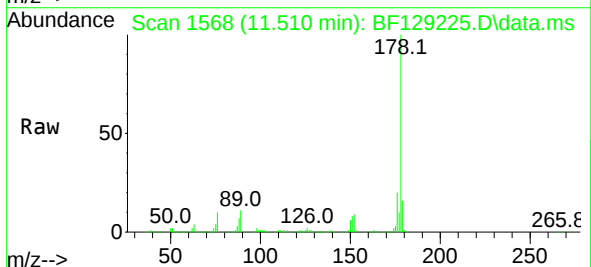
Manual Integrations
APPROVED

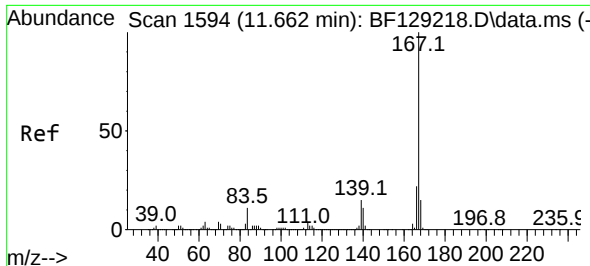
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#72
Anthracene
Concen: 50.649 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:178 Resp: 2306626
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.3 12.6 19.0





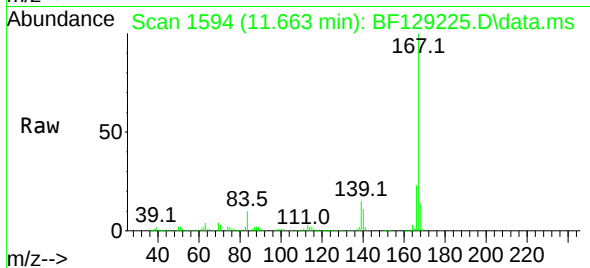
#73
 Carbazole
 Concen: 47.894 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF129225.D
 Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

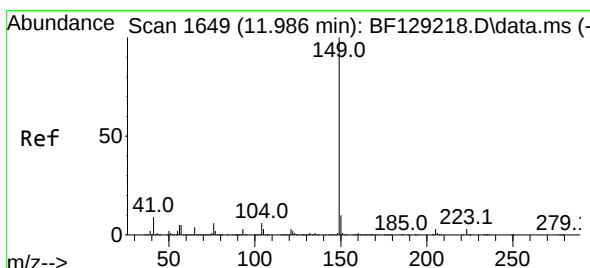
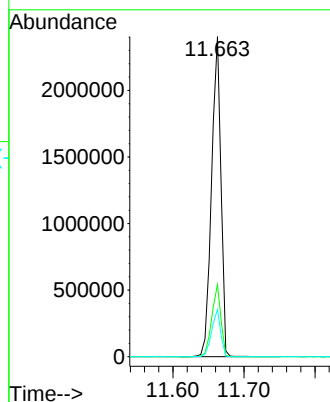
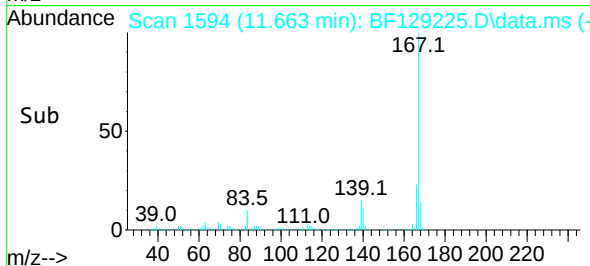


Tgt Ion:167 Resp: 2209858
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 14.7 11.2 16.8

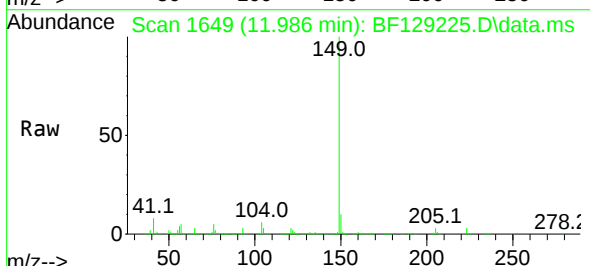
Manual Integrations

APPROVED

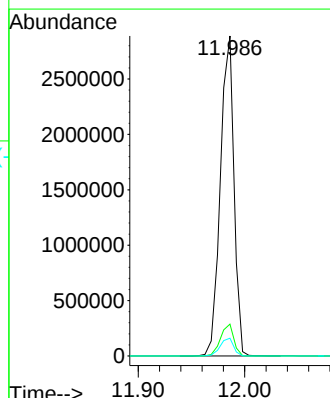
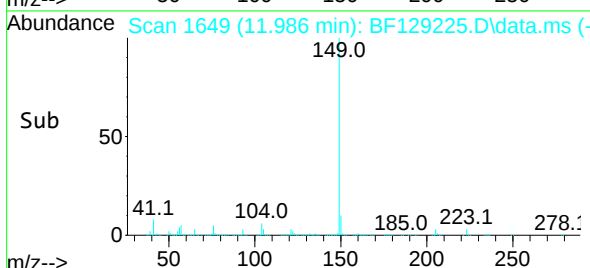
Reviewed By :Christian Giraldo 07/15/2022
 Supervised By :Jagrut Upadhyay 07/15/2022

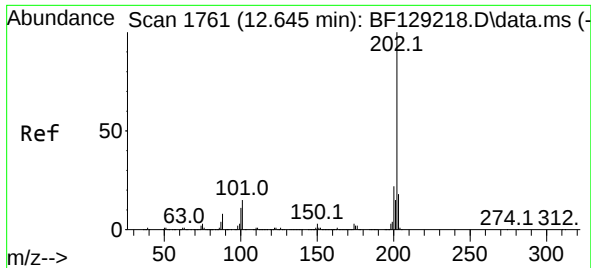


#74
 Di-n-butylphthalate
 Concen: 51.283 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: BF129225.D
 Acq: 14 Jul 2022 17:46



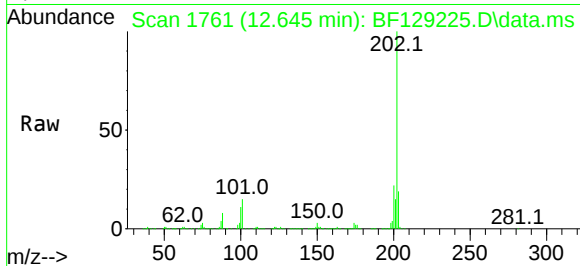
Tgt Ion:149 Resp: 2566687
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 49.634 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

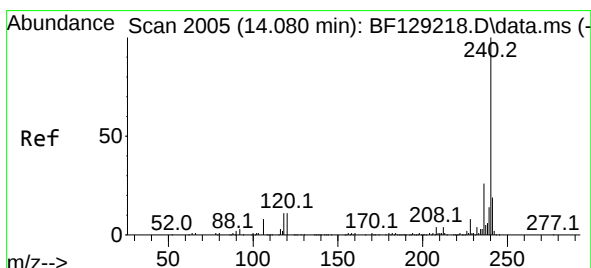
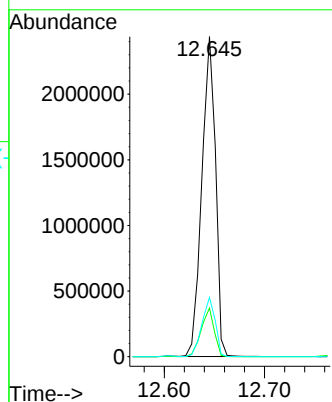
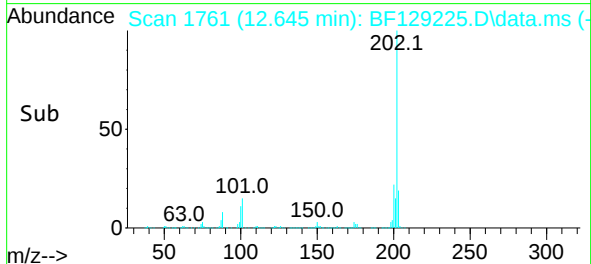
Instrument :
BNA_F
ClientSampleId :
PB146162BS



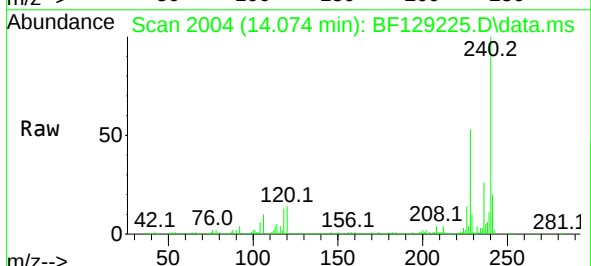
Tgt Ion:202 Resp: 231915
Ion Ratio Lower Upper
202 100
101 15.2 0.0 31.4
203 18.5 0.0 38.0

Manual Integrations
APPROVED

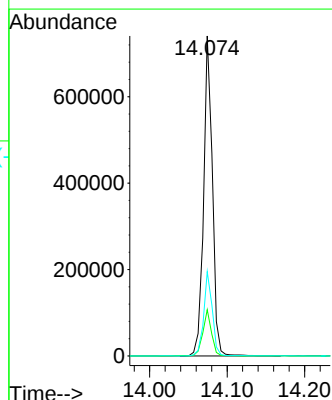
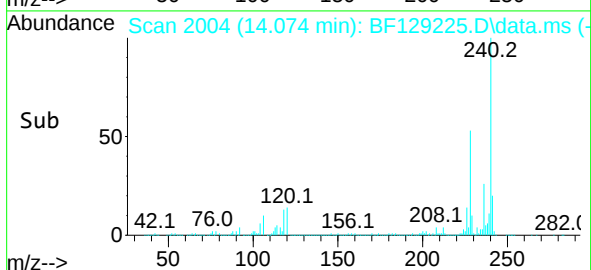
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

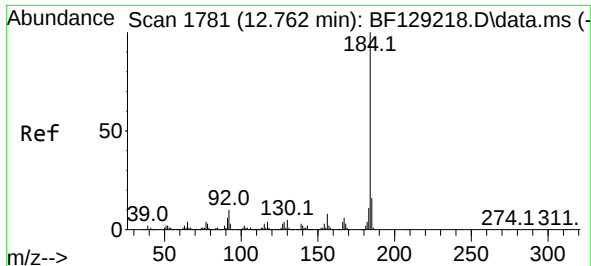


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



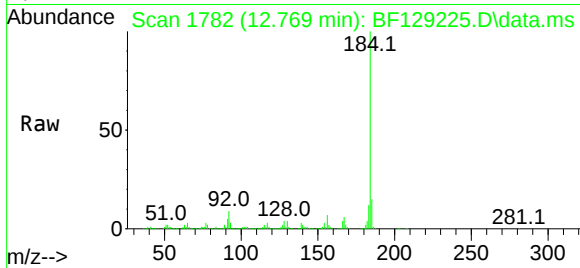
Tgt Ion:240 Resp: 583915
Ion Ratio Lower Upper
240 100
120 14.5 8.9 13.3#
236 26.3 20.8 31.2





#77
Benzidine
Concen: 97.608 ng
RT: 12.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

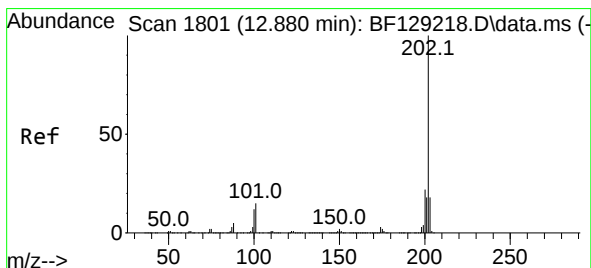
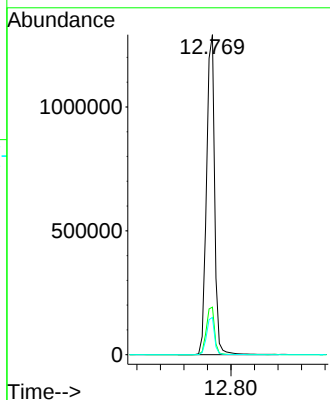
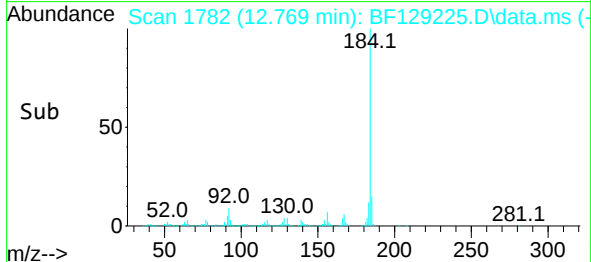
Instrument :
BNA_F
ClientSampleId :
PB146162BS



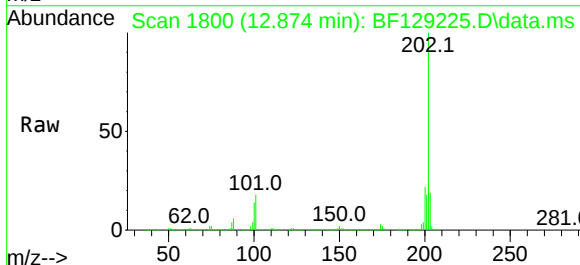
Tgt Ion:184 Resp: 123736
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.7 9.3 13.9

Manual Integrations
APPROVED

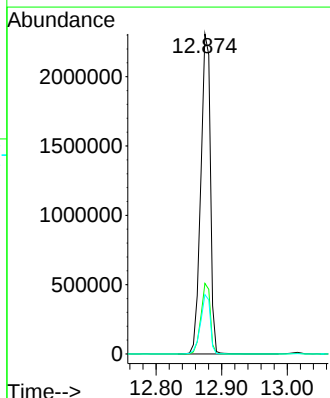
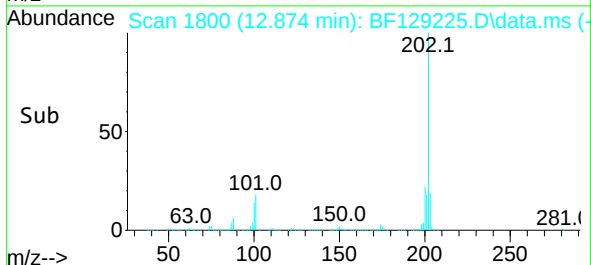
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

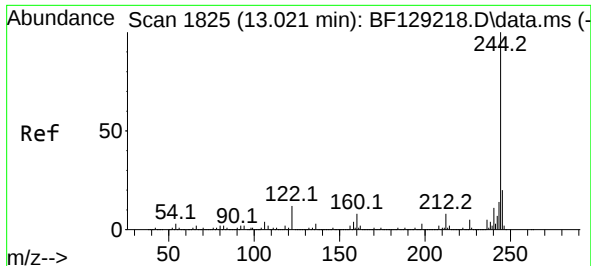


#78
Pyrene
Concen: 52.499 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:202 Resp: 2350617
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.5 14.6 21.8





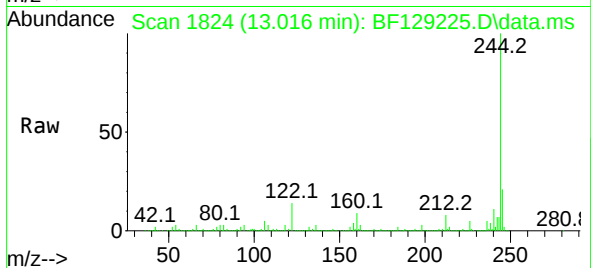
#79
Terphenyl-d14
Concen: 99.355 ng
RT: 13.016 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

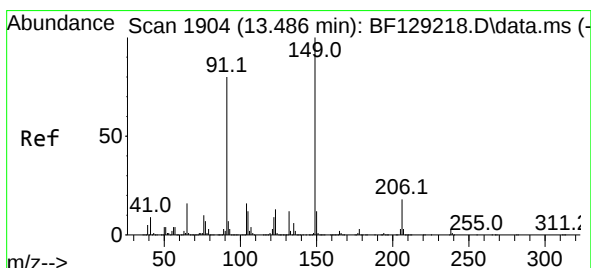
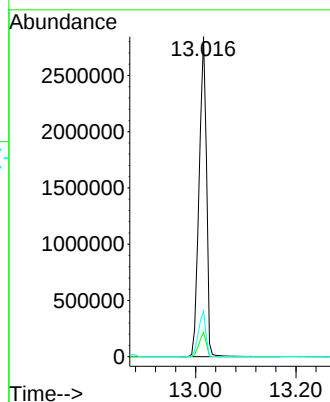
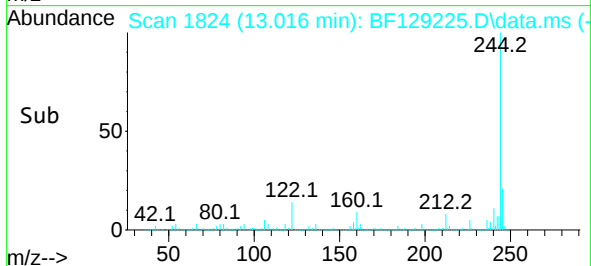


Tgt Ion:244 Resp: 288989
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 14.2 8.8 13.2

Manual Integrations

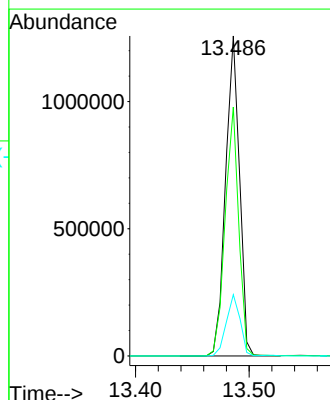
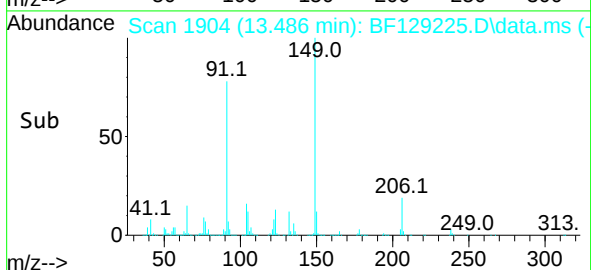
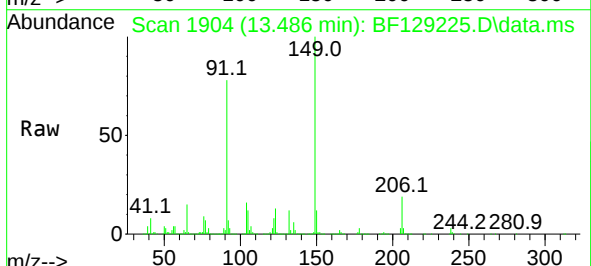
APPROVED

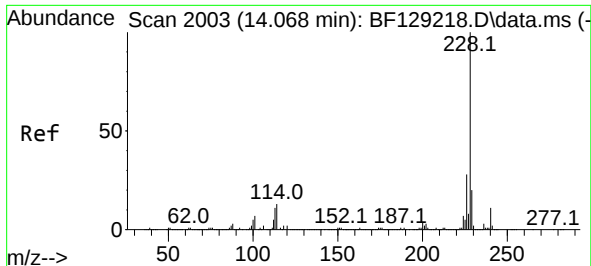
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#80
Butylbenzylphthalate
Concen: 55.756 ng
RT: 13.486 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:149 Resp: 1072974
Ion Ratio Lower Upper
149 100
91 77.8 61.2 91.8
206 19.2 15.7 23.5





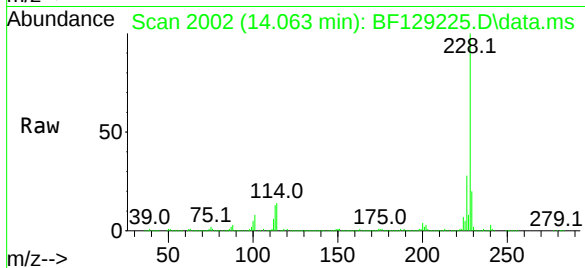
#81
Benzo(a)anthracene
Concen: 51.845 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

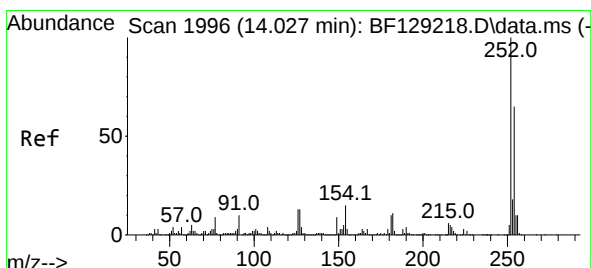
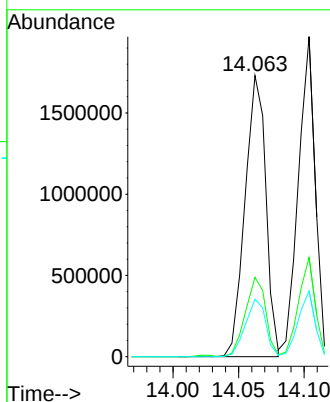
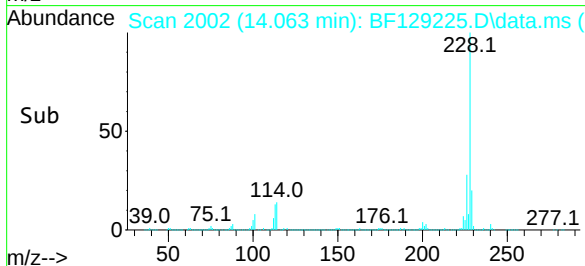


Tgt Ion:228 Resp: 1910270
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.4 15.8 23.8

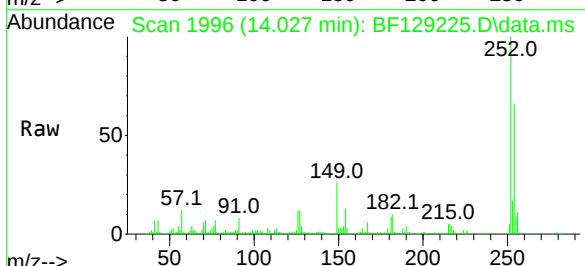
Manual Integrations

APPROVED

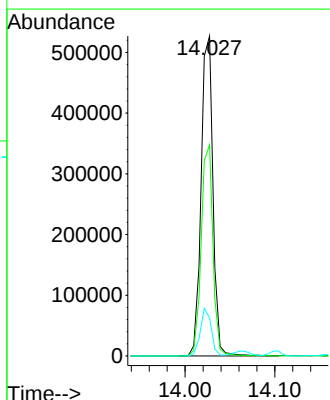
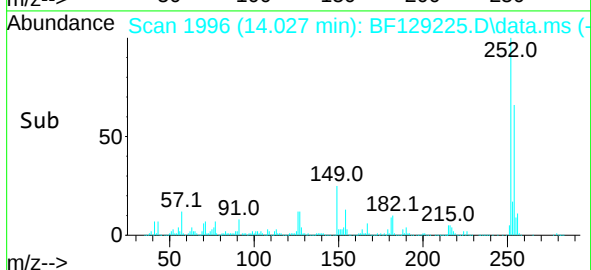
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

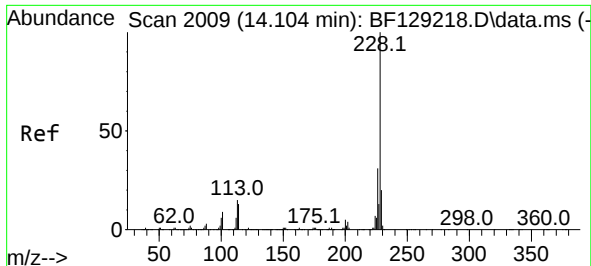


#82
3,3'-Dichlorobenzidine
Concen: 55.402 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



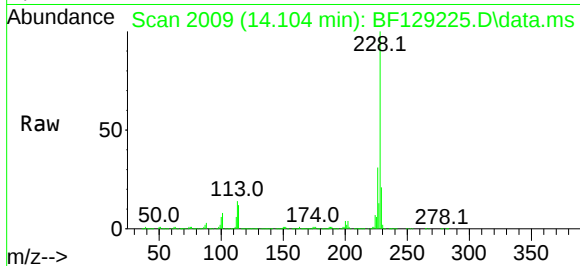
Tgt Ion:252 Resp: 481829
Ion Ratio Lower Upper
252 100
254 66.0 50.2 75.4
126 11.9 8.2 12.4





#83
Chrysene
Concen: 51.202 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

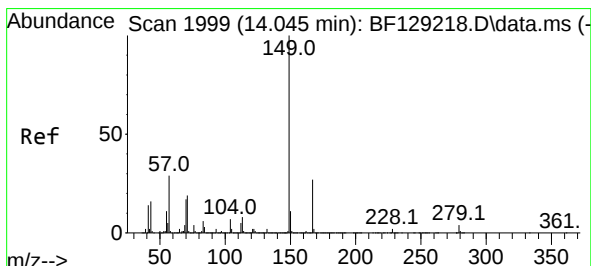
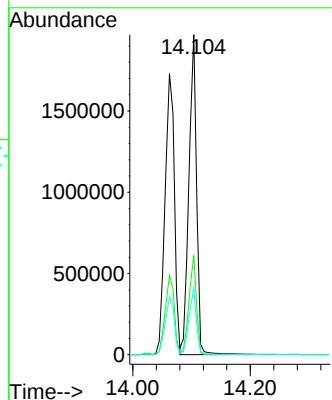
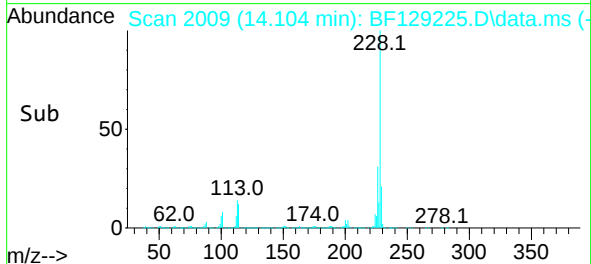
Instrument :
BNA_F
ClientSampleId :
PB146162BS



Tgt Ion:228 Resp: 1785623
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.5 15.9 23.9

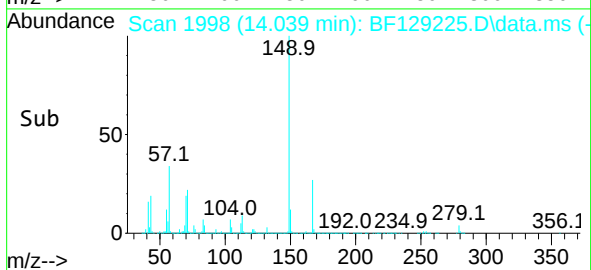
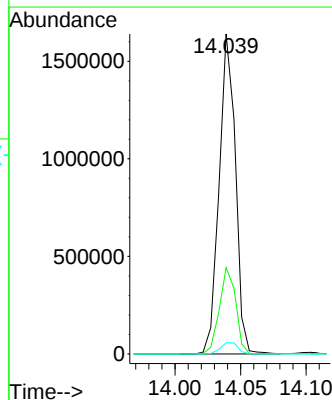
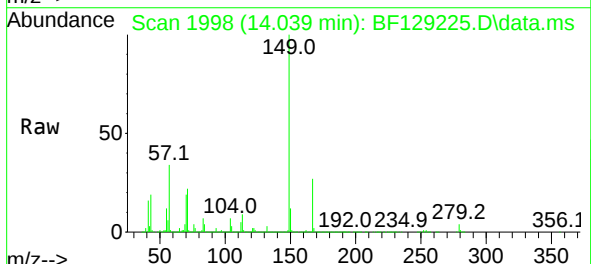
Manual Integrations
APPROVED

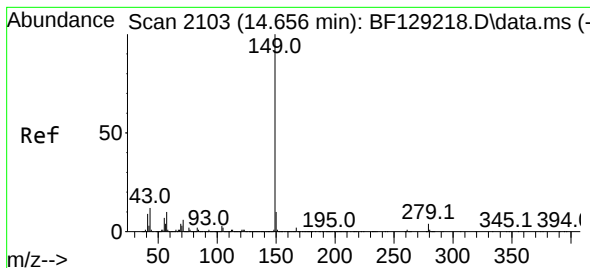
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.985 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

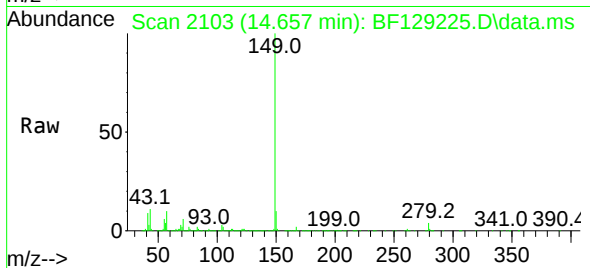
Tgt Ion:149 Resp: 1416703
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 3.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 55.130 ng
RT: 14.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

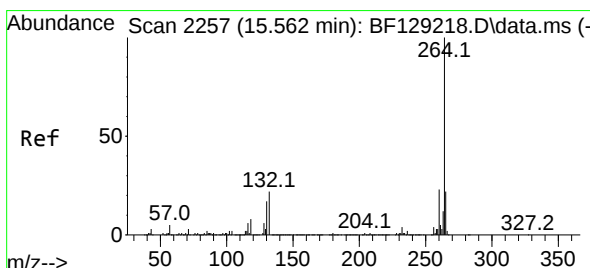
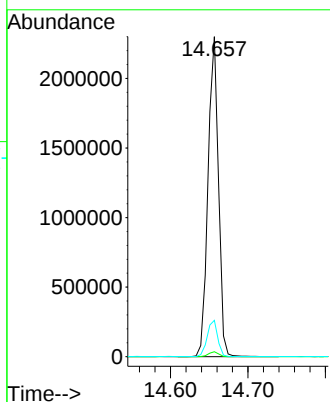
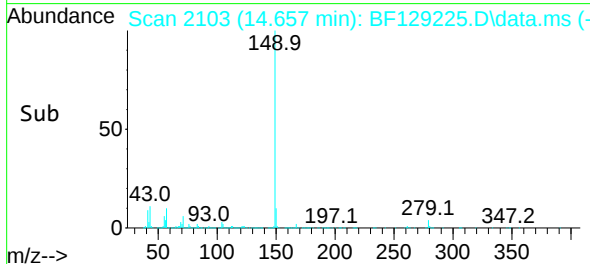
Instrument :
BNA_F
ClientSampleId :
PB146162BS



Tgt Ion:149 Resp: 2145438
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 9.2 13.8

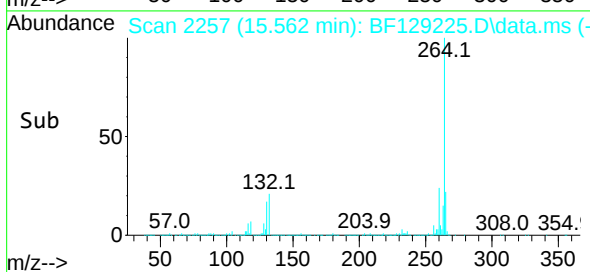
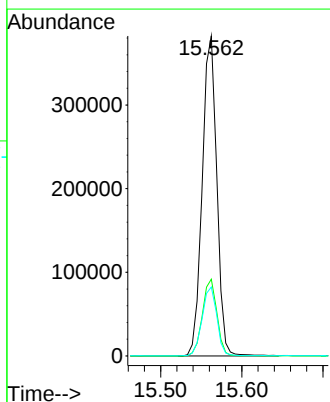
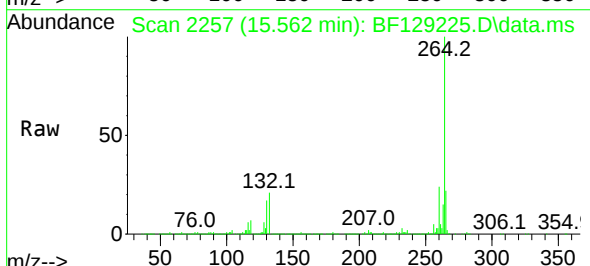
Manual Integrations
APPROVED

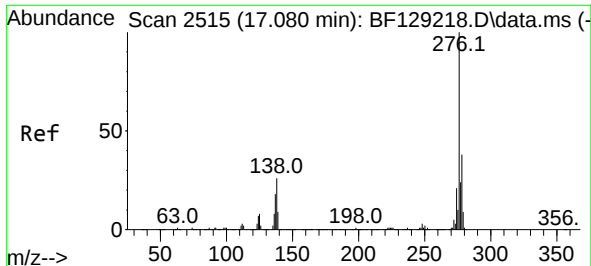
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:264 Resp: 477182
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.6 17.2 25.8





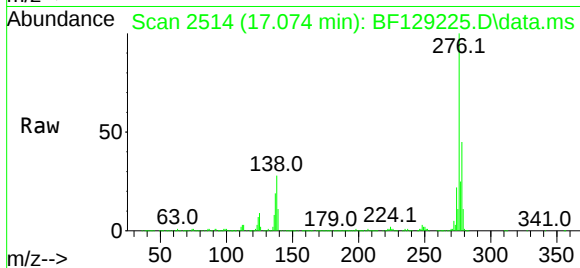
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.268 ng
RT: 17.074 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

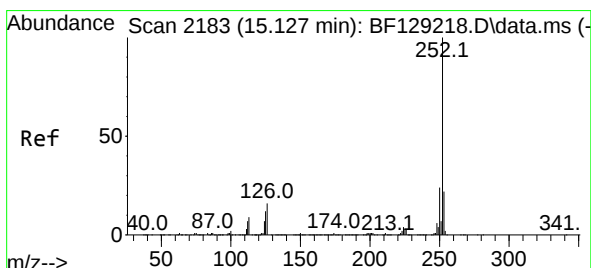
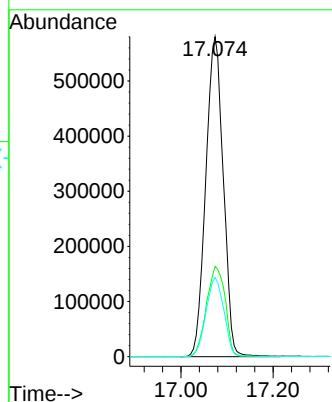
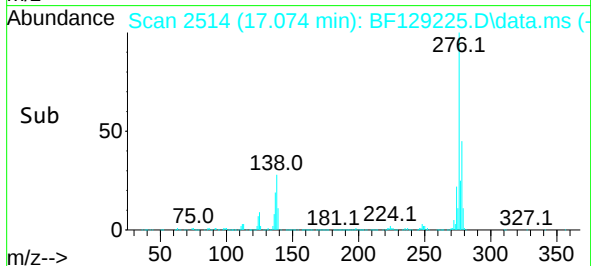


Tgt Ion:276 Resp: 153537
Ion Ratio Lower Upper
276 100
138 30.4 21.1 31.7
277 25.3 20.3 30.5

Manual Integrations

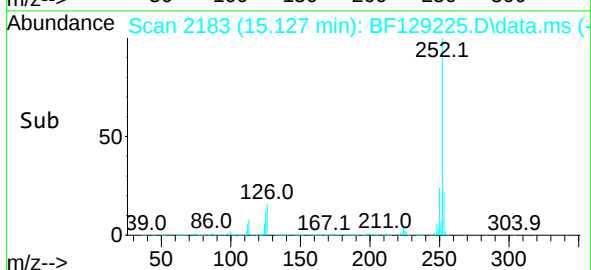
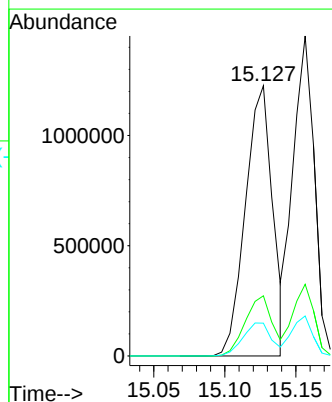
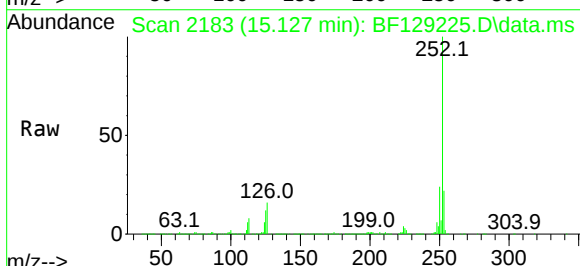
APPROVED

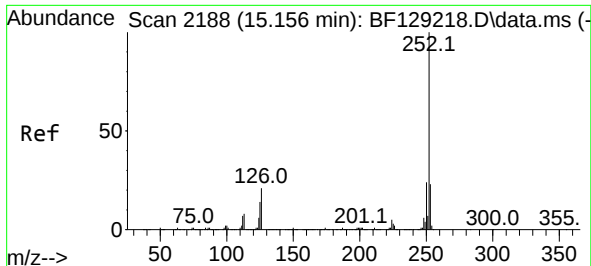
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#88
Benzo(b)fluoranthene
Concen: 55.953 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

Tgt Ion:252 Resp: 1633817
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 54.630 ng m

RT: 15.157 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

Instrument :

BNA_F

ClientSampleId :

PB146162BS

Tgt Ion:252 Resp: 1543260

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

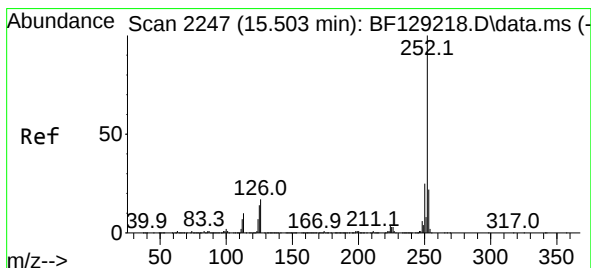
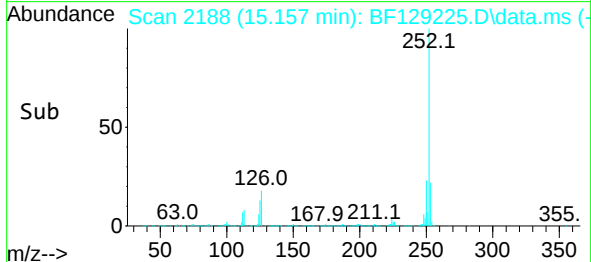
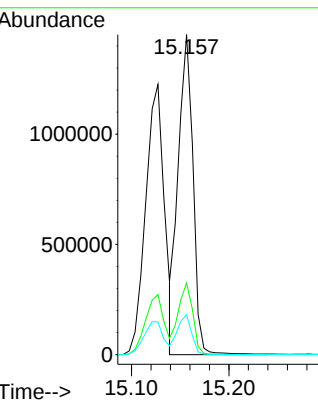
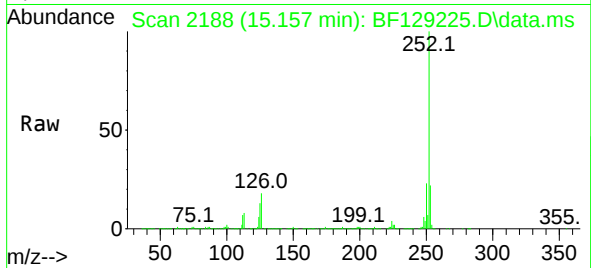
125 12.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/15/2022

Supervised By :Jagrut Upadhyay 07/15/2022



#90

Benzo(a)pyrene

Concen: 57.588 ng

RT: 15.498 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF129225.D

Acq: 14 Jul 2022 17:46

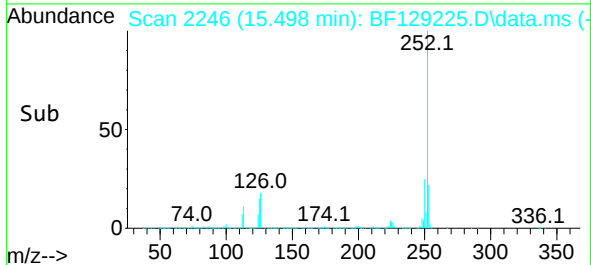
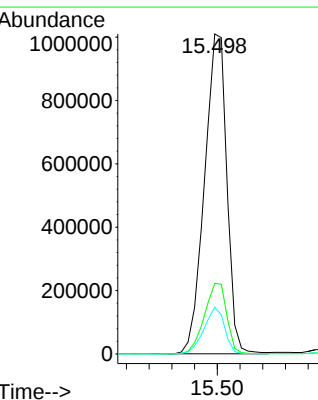
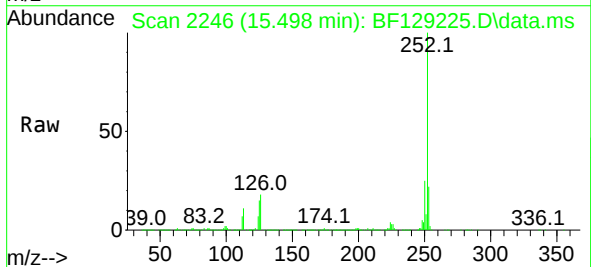
Tgt Ion:252 Resp: 1379728

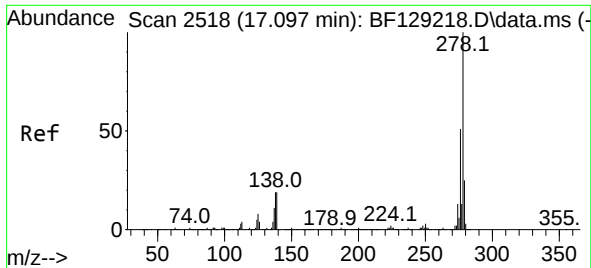
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

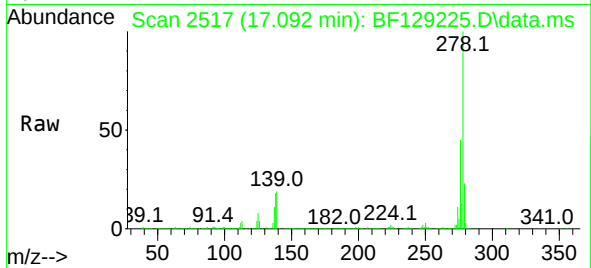
125 14.6 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 55.219 ng
RT: 17.092 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46

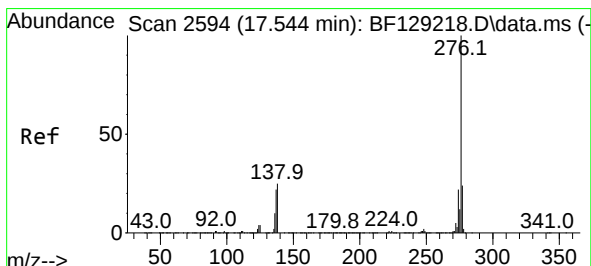
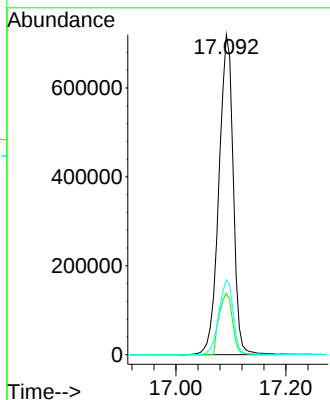
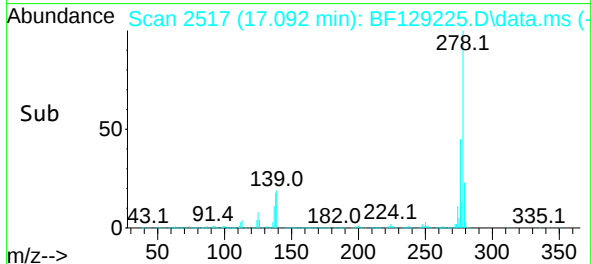
Instrument :
BNA_F
ClientSampleId :
PB146162BS



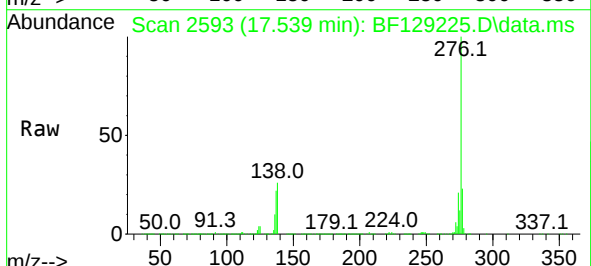
Tgt Ion:278 Resp: 130065
Ion Ratio Lower Upper
278 100
139 19.2 12.8 19.2
279 23.4 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022



#92
Benzo(g,h,i)perylene
Concen: 56.326 ng
RT: 17.539 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF129225.D
Acq: 14 Jul 2022 17:46



Tgt Ion:276 Resp: 1366811
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 26.2 18.0 27.0

