

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129054.D
 Acq On : 30 Jun 2022 12:55
 Operator : CG\JU
 Sample : PB145921BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145921BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 05:41:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	470997	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1821124	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	943518	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1648989	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1127372	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	920139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2893006	103.844	ng	0.01
7) Phenol-d6	6.587	99	3653226	105.584	ng	0.00
23) Nitrobenzene-d5	7.528	82	2305820	75.521	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1140182	111.136	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4033067	68.383	ng	0.00
79) Terphenyl-d14	13.086	244	4411373	81.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	364253	29.327	ng	87
3) Pyridine	3.710	79	907733	29.926	ng	87
4) n-Nitrosodimethylamine	3.628	42	541025	39.368	ng	83
6) Aniline	6.628	93	1414979	36.566	ng	96
8) 2-Chlorophenol	6.745	128	1237672	42.285	ng	95
9) Benzaldehyde	6.510	77	208448	9.510	ng	99
10) Phenol	6.598	94	1454120	41.480	ng	93
11) bis(2-Chloroethyl)ether	6.692	93	1159620	41.793	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1287932	39.972	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1302075	40.065	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1252161	40.986	ng	99
15) Benzyl Alcohol	7.104	79	978657	40.211	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1613396	40.712	ng	93
17) 2-Methylphenol	7.204	107	988351	41.496	ng	97
18) Hexachloroethane	7.475	117	468833	41.091	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	825411	41.239	ng	88
20) 3+4-Methylphenols	7.357	107	1227959	40.543	ng	# 88
22) Acetophenone	7.375	105	1631361	39.050	ng	# 92
24) Nitrobenzene	7.545	77	1234198	41.778	ng	92
25) Isophorone	7.787	82	2246365	43.534	ng	96
26) 2-Nitrophenol	7.857	139	633895	46.170	ng	89
27) 2,4-Dimethylphenol	7.892	122	1155156	46.603	ng	96
28) bis(2-Chloroethoxy)met...	7.987	93	1417367	39.996	ng	99
29) 2,4-Dichlorophenol	8.098	162	1023313	40.475	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1083657	38.951	ng	97
31) Naphthalene	8.269	128	3283635	39.718	ng	98
32) Benzoic acid	8.016	122	795753	40.013	ng	95
33) 4-Chloroaniline	8.310	127	931730	27.969	ng	97
34) Hexachlorobutadiene	8.381	225	647620	38.984	ng	99
35) Caprolactam	8.698	113	322286m	40.200	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1040608	40.510	ng	89
37) 2-Methylnaphthalene	8.957	142	2245407	40.363	ng	100
38) 1-Methylnaphthalene	9.057	142	2148811	39.775	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1044994	39.403	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1291292	92.241	ng	98
43) 2,4,6-Trichlorophenol	9.234	196	728313	40.318	ng	97

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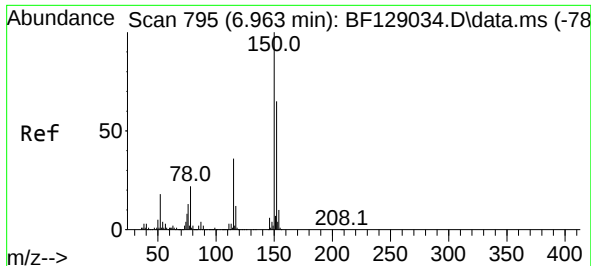
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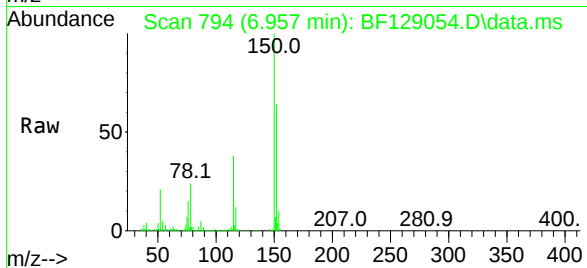
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	783200	40.760	ng	98
46) 1,1'-Biphenyl	9.422	154	2697238	39.763	ng	96
47) 2-Chloronaphthalene	9.451	162	2051198	39.158	ng	97
48) 2-Nitroaniline	9.545	65	606235	43.941	ng	# 79
49) Acenaphthylene	9.869	152	3307130	41.549	ng	96
50) Dimethylphthalate	9.722	163	2365368	40.073	ng	98
51) 2,6-Dinitrotoluene	9.786	165	551383	45.714	ng	90
52) Acenaphthene	10.039	154	2260844	43.607	ng	98
53) 3-Nitroaniline	9.957	138	477728	33.213	ng	# 86
54) 2,4-Dinitrophenol	10.063	184	589799	89.528	ng	# 79
55) Dibenzofuran	10.210	168	2927414	38.777	ng	96
56) 4-Nitrophenol	10.116	139	983480	83.684	ng	93
57) 2,4-Dinitrotoluene	10.192	165	722925	48.549	ng	# 84
58) Fluorene	10.557	166	2293330	39.272	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.328	232	639499	40.173	ng	99
60) Diethylphthalate	10.422	149	2362964	39.951	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1132702	38.930	ng	98
62) 4-Nitroaniline	10.580	138	596028	41.788	ng	86
63) Azobenzene	10.704	77	2263321	39.058	ng	94
65) 4,6-Dinitro-2-methylph...	10.598	198	340687	46.699	ng	87
66) n-Nitrosodiphenylamine	10.663	169	2075350	41.440	ng	95
67) 4-Bromophenyl-phenylether	11.039	248	725446	41.358	ng	92
68) Hexachlorobenzene	11.104	284	807040	41.319	ng	93
69) Atrazine	11.192	200	649863	46.115	ng	97
70) Pentachlorophenol	11.298	266	996382	85.646	ng	99
71) Phenanthrene	11.522	178	3162112	40.134	ng	95
72) Anthracene	11.575	178	3197755	41.166	ng	95
73) Carbazole	11.727	167	3043464	39.100	ng	98
74) Di-n-butylphthalate	12.051	149	3364616	40.997	ng	97
75) Fluoranthene	12.716	202	3313386	40.212	ng	94
77) Benzidine	12.833	184	1181413	58.852	ng	99
78) Pyrene	12.945	202	3369611	43.120	ng	97
80) Butylbenzylphthalate	13.557	149	1401721	44.031	ng	93
81) Benzo(a)anthracene	14.139	228	2859149	41.536	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	778864	52.366	ng	98
83) Chrysene	14.174	228	2599677	40.681	ng	95
84) Bis(2-ethylhexyl)phtha...	14.110	149	1869754	44.193	ng	97
85) Di-n-octyl phthalate	14.733	149	2696115	43.168	ng	96
87) Indeno(1,2,3-cd)pyrene	17.227	276	2407295	42.657	ng	99
88) Benzo(b)fluoranthene	15.215	252	2596253	46.917	ng	98
89) Benzo(k)fluoranthene	15.251	252	2278809	42.458	ng	99
90) Benzo(a)pyrene	15.604	252	2286889	50.695	ng	96
91) Dibenzo(a,h)anthracene	17.251	278	2090526	45.442	ng	98
92) Benzo(g,h,i)perylene	17.709	276	2087463	45.227	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

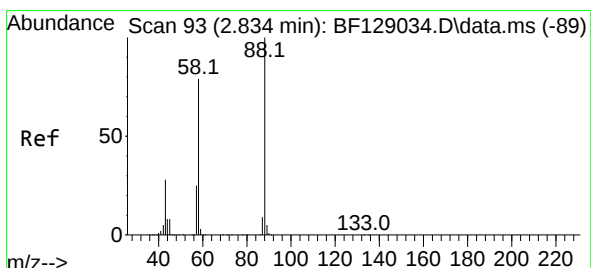
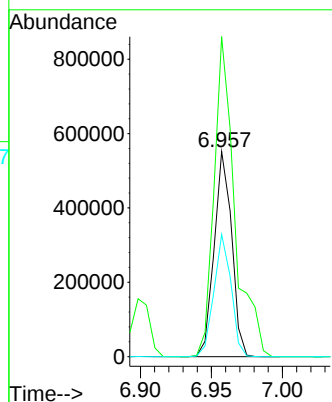
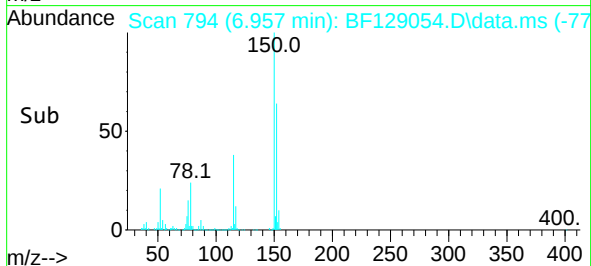
Instrument :
BNA_F
ClientSampleId :
PB145921BS



Tgt Ion:152 Resp: 470997
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 59.6 49.9 74.9

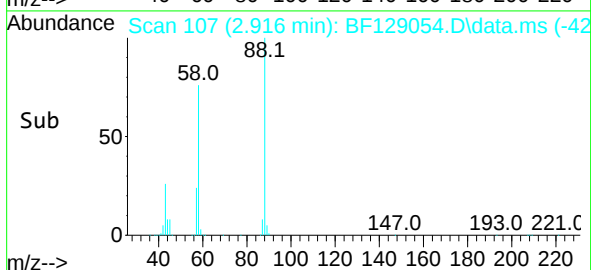
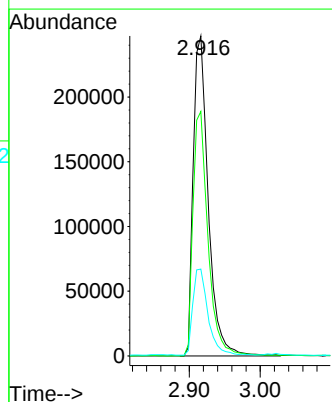
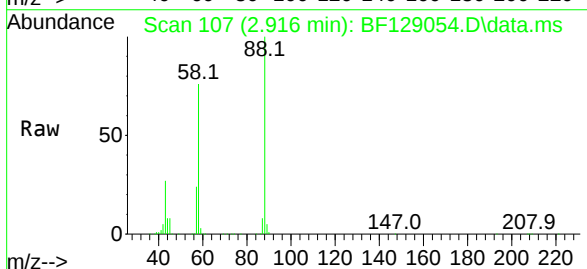
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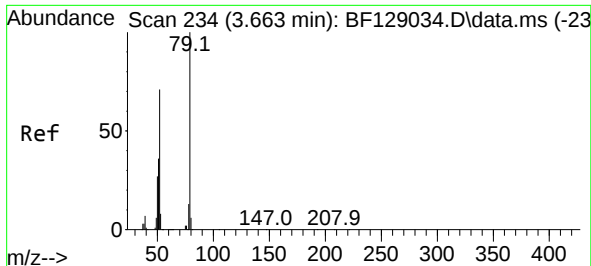
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#2
1,4-Dioxane
Concen: 29.327 ng
RT: 2.916 min Scan# 107
Delta R.T. 0.082 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

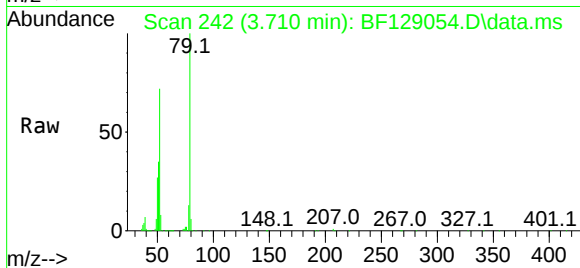
Tgt Ion: 88 Resp: 364253
Ion Ratio Lower Upper
88 100
58 76.7 71.8 107.8
43 27.2 26.6 39.8





#3
Pyridine
Concen: 29.926 ng
RT: 3.710 min Scan# 24
Delta R.T. 0.047 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

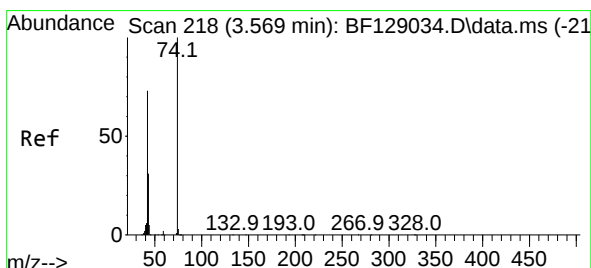
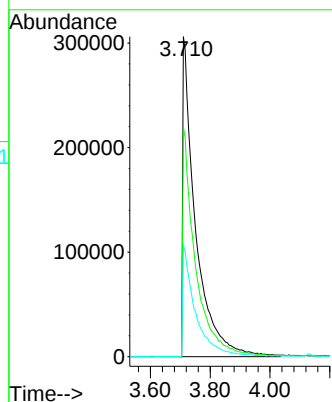
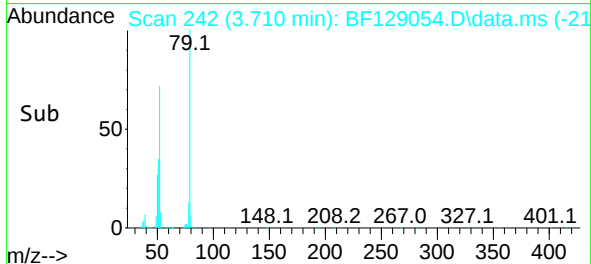
Instrument :
BNA_F
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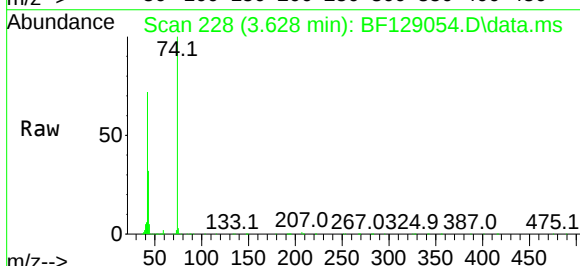
Tgt Ion: 79 Resp: 90773
Ion Ratio Lower Upper
79 100
52 71.9 68.6 102.8
51 34.8 32.9 49.3

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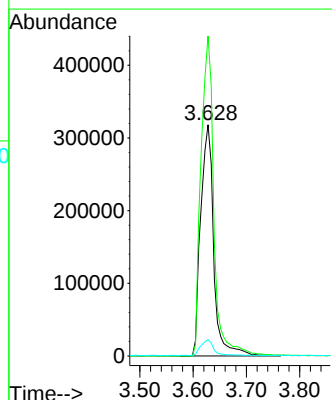
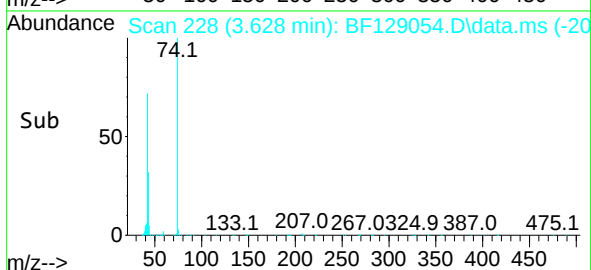
Reviewed By :Christian Giraldo 07/01/2022
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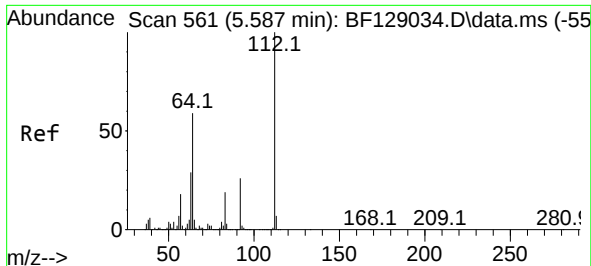


#4
n-Nitrosodimethylamine
Concen: 39.368 ng
RT: 3.628 min Scan# 228
Delta R.T. 0.059 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



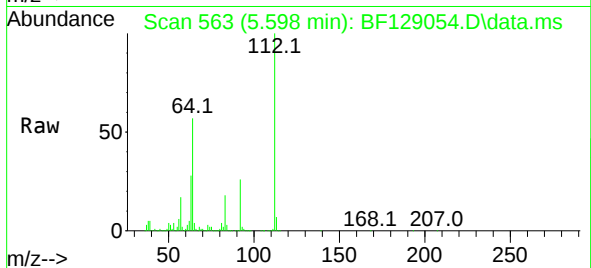
Tgt Ion: 42 Resp: 541025
Ion Ratio Lower Upper
42 100
74 138.4 94.8 142.2
44 7.0 6.6 10.0





#5
2-Fluorophenol
Concen: 103.844 ng
RT: 5.598 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

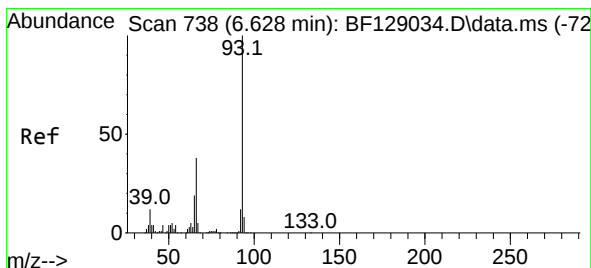
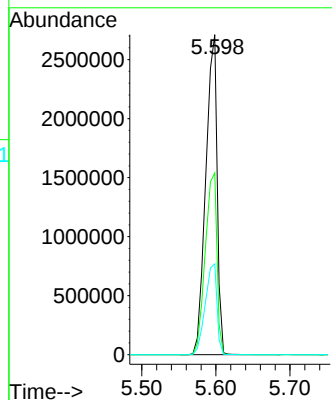
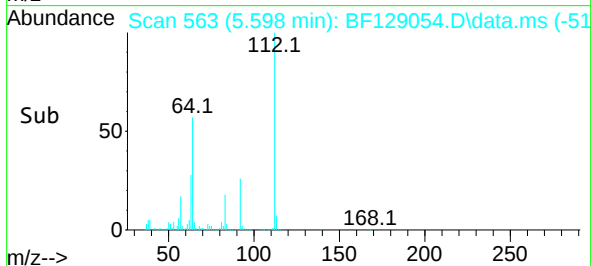
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Tgt Ion:112 Resp: 2893000
Ion Ratio Lower Upper
112 100
64 56.8 53.3 79.9
63 28.4 28.0 42.0

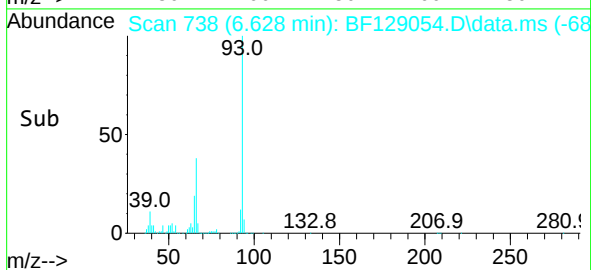
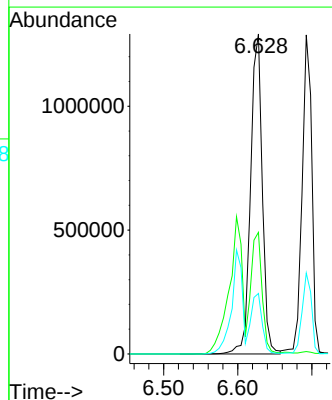
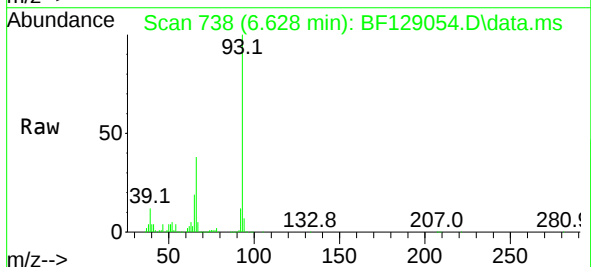
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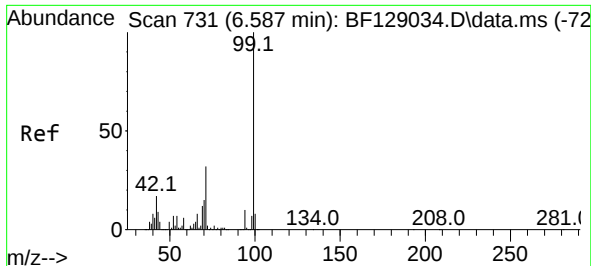
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#6
Aniline
Concen: 36.566 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Tgt Ion: 93 Resp: 1414979
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 18.9 16.4 24.6





#7

Phenol-d6

Concen: 105.584 ng

RT: 6.587 min Scan# 731

Delta R.T. -0.000 min

Lab File: BF129054.D

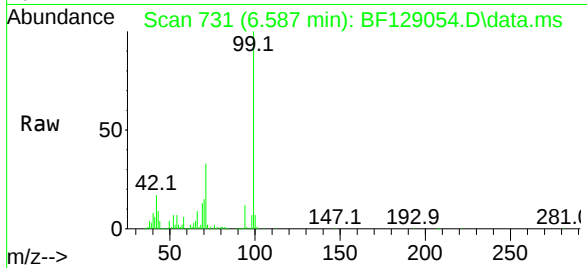
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Instrument :

BNA_F

ClientSampleId :

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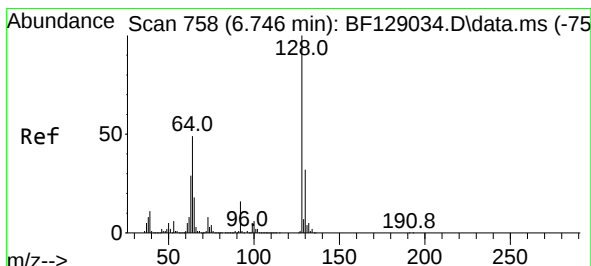
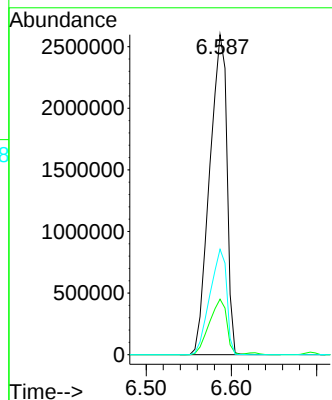
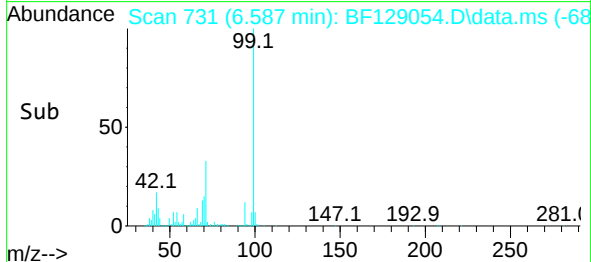
Tgt Ion: 99 Resp: 3653220

Ion	Ratio	Lower	Upper
99	100		
42	17.4	17.3	25.9
71	32.9	28.9	43.3

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#8

2-Chlorophenol

Concen: 42.285 ng

RT: 6.745 min Scan# 758

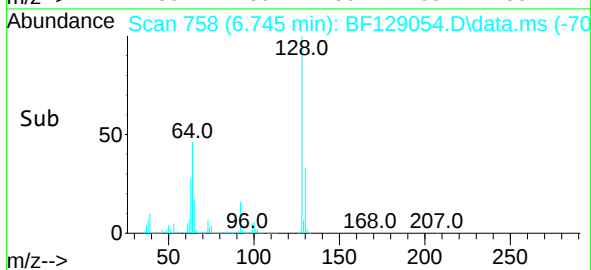
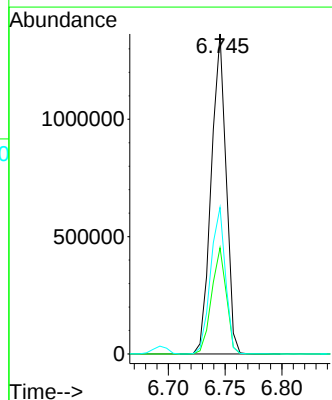
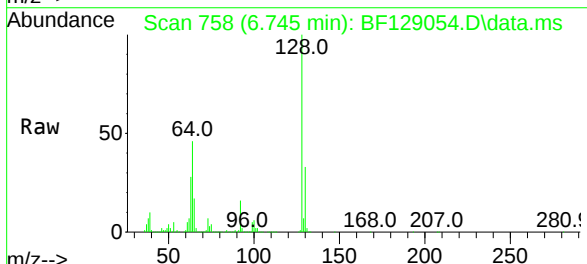
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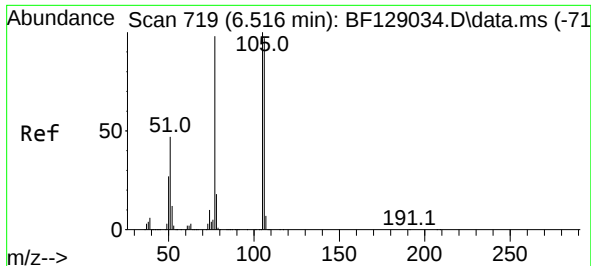
Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Tgt Ion:128 Resp: 1237672

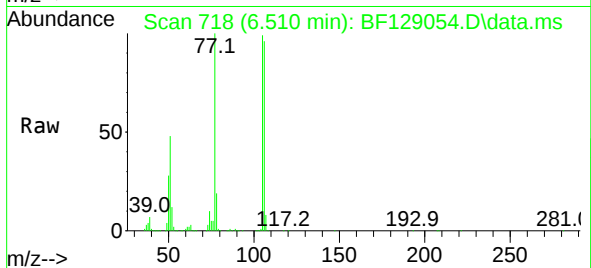
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	45.8	30.9	70.9





#9
Benzaldehyde
Concen: 9.510 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

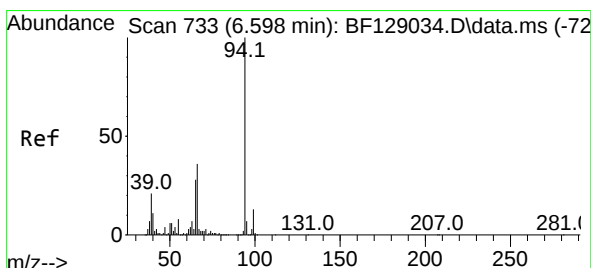
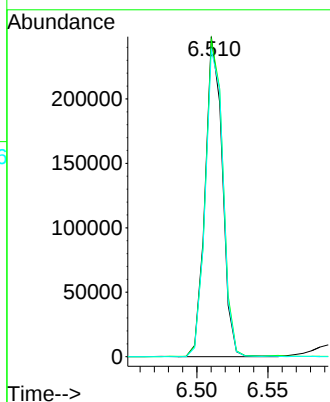
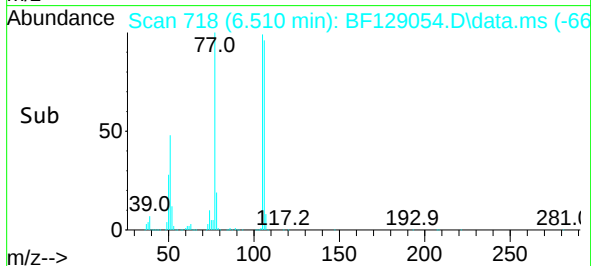
Instrument :
BNA_F
ClientSampleId :
PB145921BS



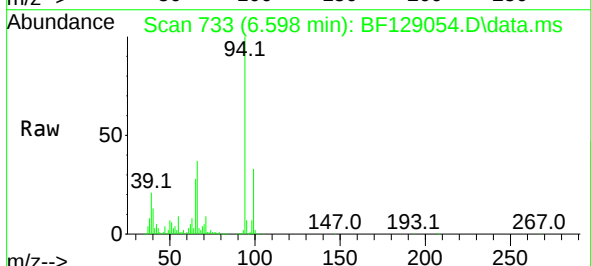
Tgt Ion: 77 Resp: 208448
Ion Ratio Lower Upper
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105 99.1 81.6 121.6
106 95.9 76.1 116.1

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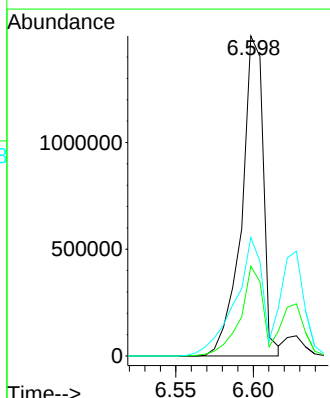
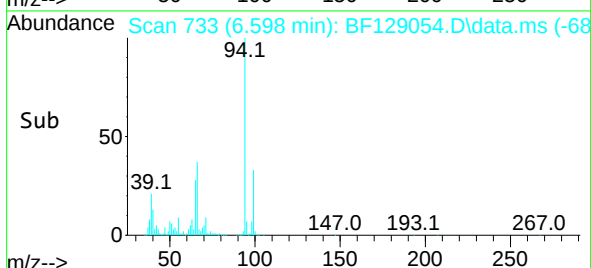
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

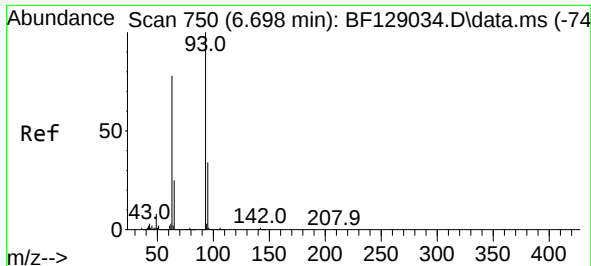


#10
Phenol
Concen: 41.480 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



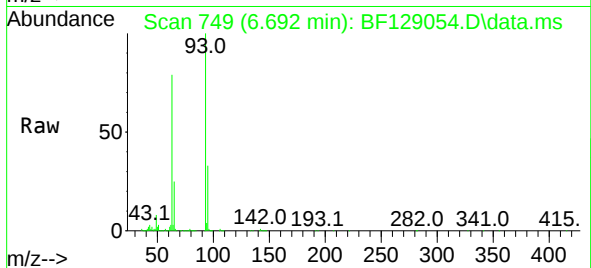
Tgt Ion: 94 Resp: 1454120
Ion Ratio Lower Upper
94 100
65 28.0 11.4 51.4
66 37.0 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 41.793 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

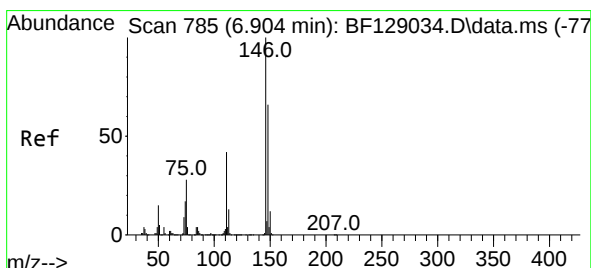
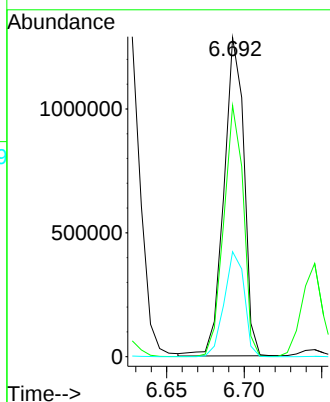
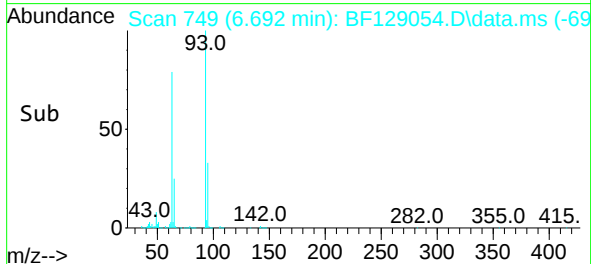
Instrument :
BNA_F
ClientSampleId :
PB145921BS



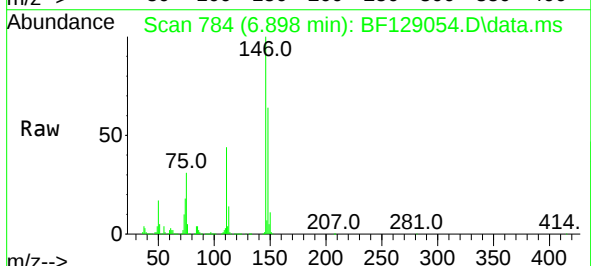
Tgt Ion: 93 Resp: 1159620
Ion Ratio Lower Upper
93 100
63 78.7 67.4 107.4
95 32.9 12.7 52.7

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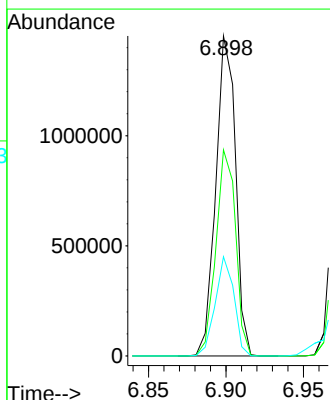
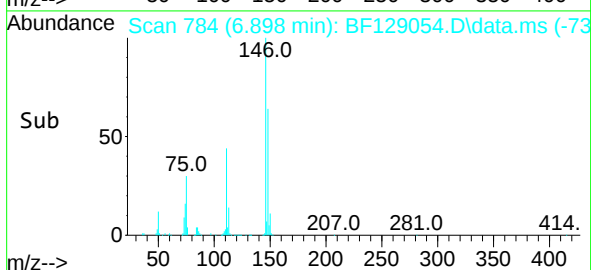
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

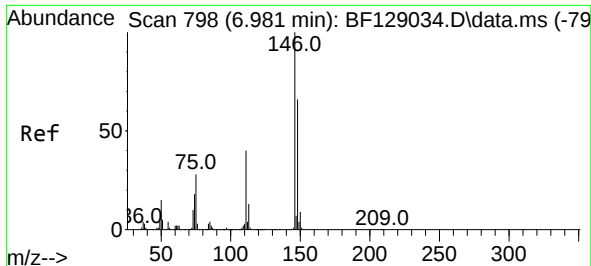


#12
1,3-Dichlorobenzene
Concen: 39.972 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:146 Resp: 1287932
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 31.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.065 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

Tgt Ion:146 Resp: 130207

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

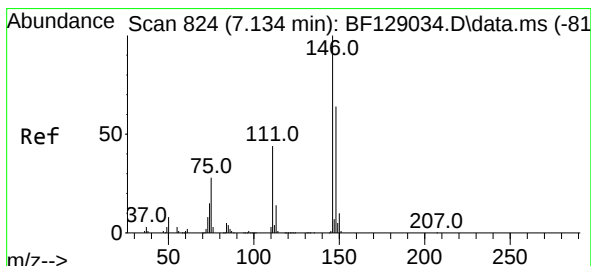
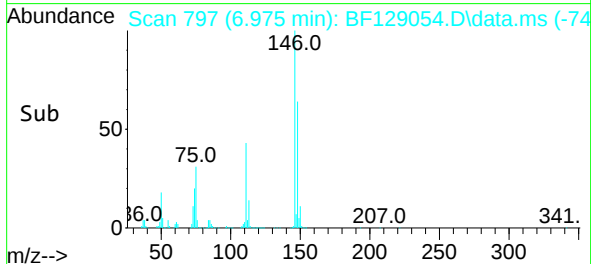
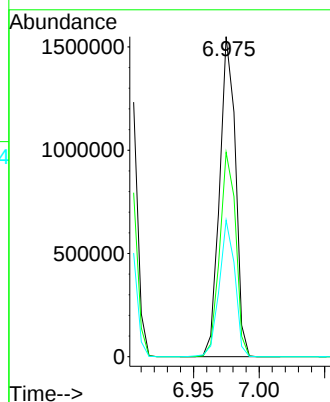
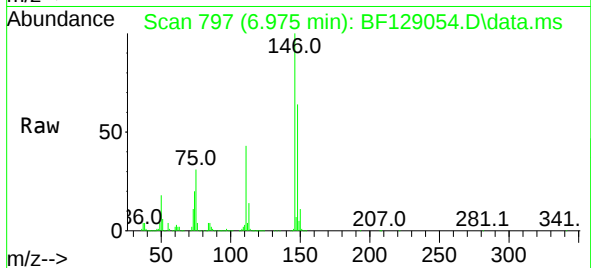
111 42.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 40.986 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

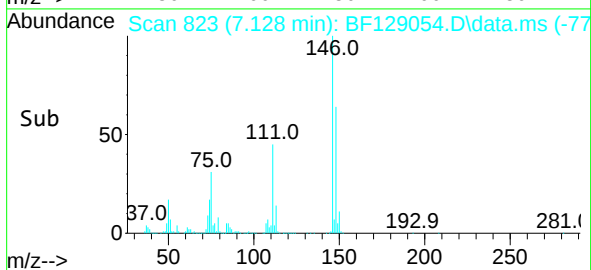
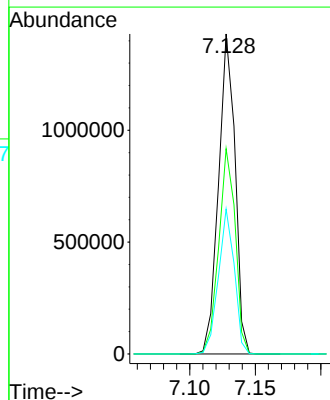
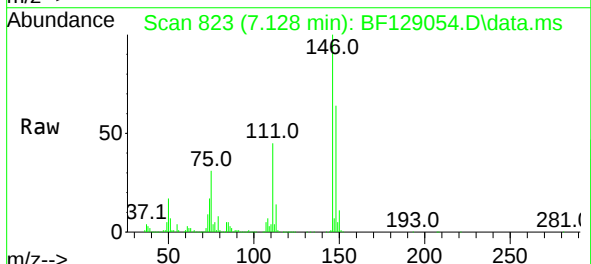
Tgt Ion:146 Resp: 1252161

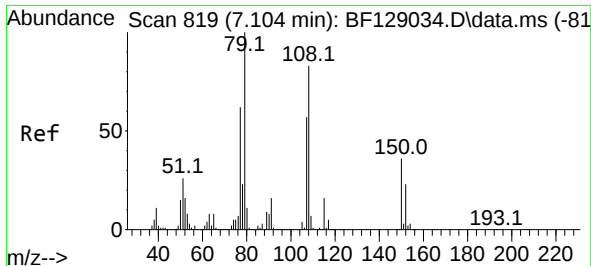
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

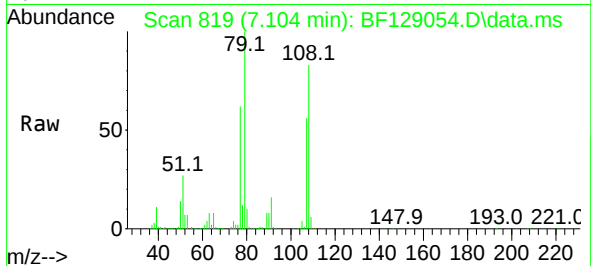
111 45.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 40.211 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

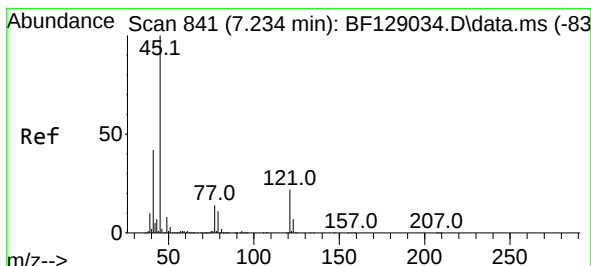
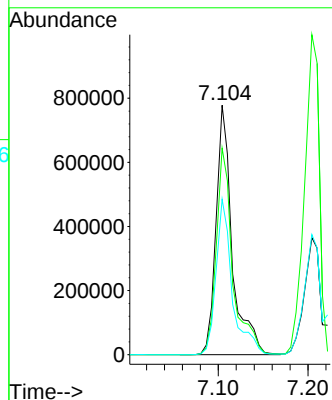
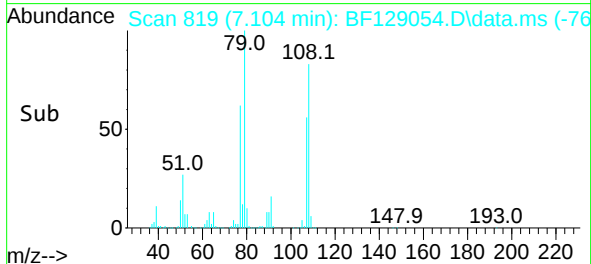
Instrument :
BNA_F
ClientSampleId :
PB145921BS



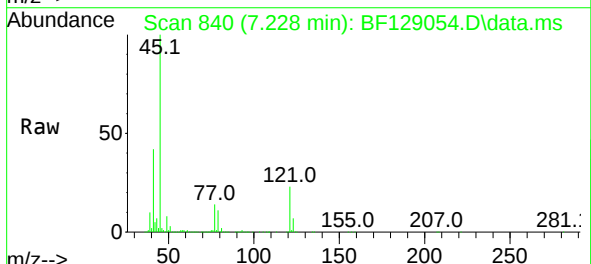
Tgt Ion: 79 Resp: 97865
Ion Ratio Lower Upper
79 100
108 82.8 61.8 92.6
77 62.4 50.2 75.4

Manual Integrations
APPROVED

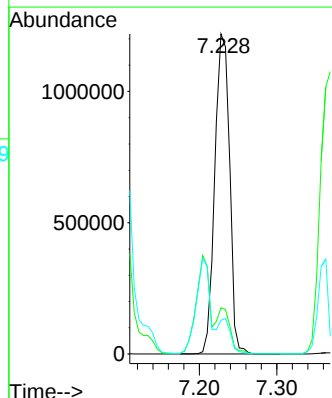
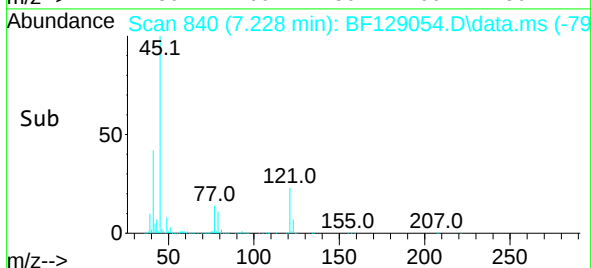
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

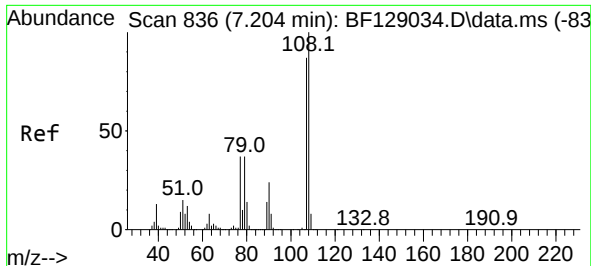


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.712 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion: 45 Resp: 1613396
Ion Ratio Lower Upper
45 100
77 14.4 0.0 31.3
79 10.5 0.0 28.3





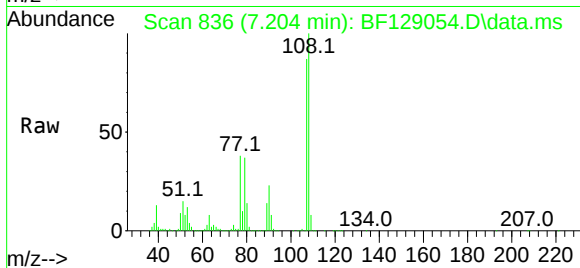
#17
2-Methylphenol
Concen: 41.496 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

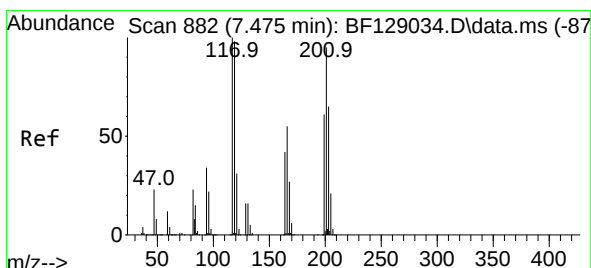
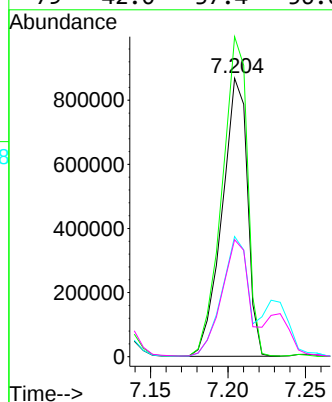


Tgt Ion:107 Resp: 98835
Ion Ratio Lower Upper
107 100
108 114.9 91.9 137.9
77 43.1 37.8 56.8
79 42.0 37.4 56.0

Manual Integrations

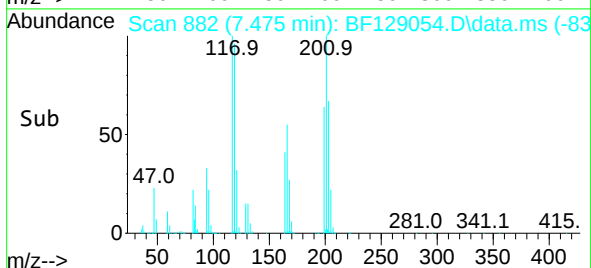
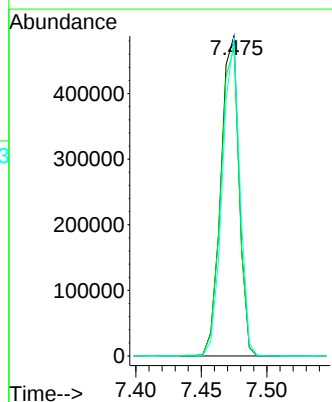
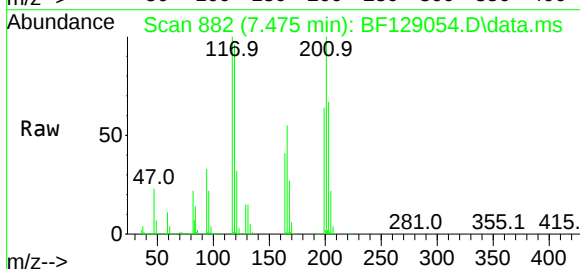
APPROVED

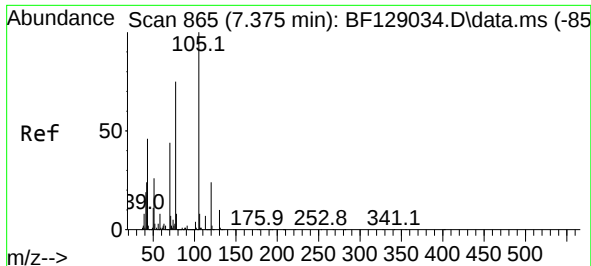
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 41.091 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

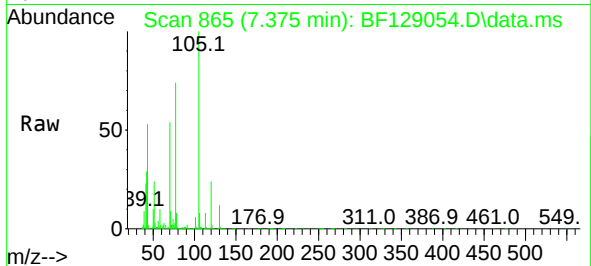
Tgt Ion:117 Resp: 468833
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 99.6 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.239 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

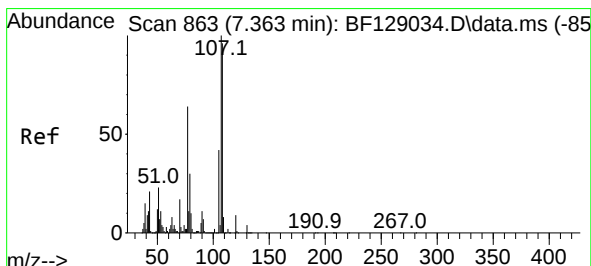
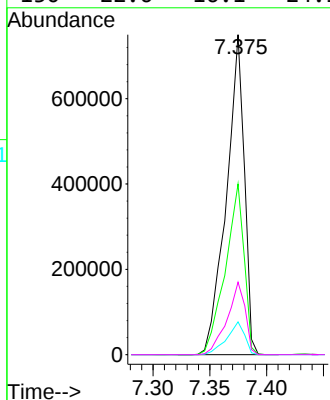
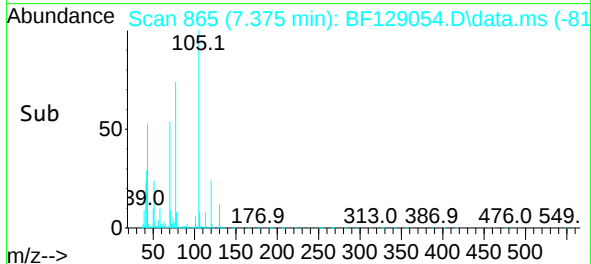
Instrument :
BNA_F
ClientSampleId :
PB145921BS



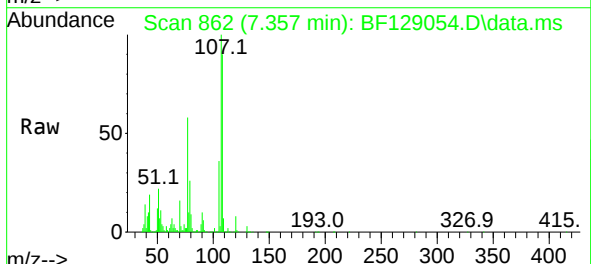
Tgt Ion: 70 Resp: 82541
Ion Ratio Lower Upper
70 100
42 53.4 52.3 78.5
101 10.3 7.5 11.3
130 22.6 16.1 24.1

Manual Integrations
APPROVED

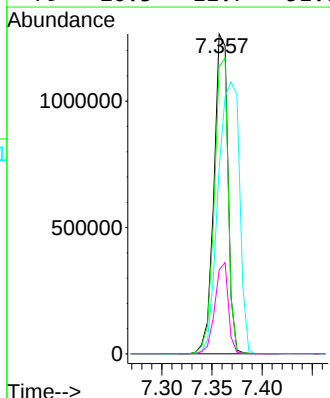
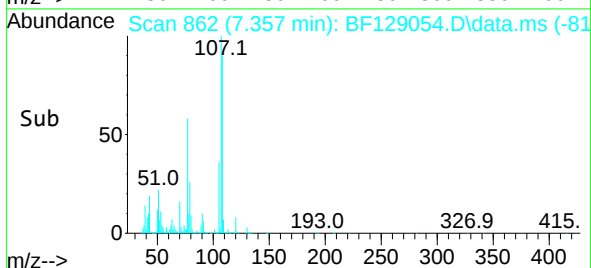
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

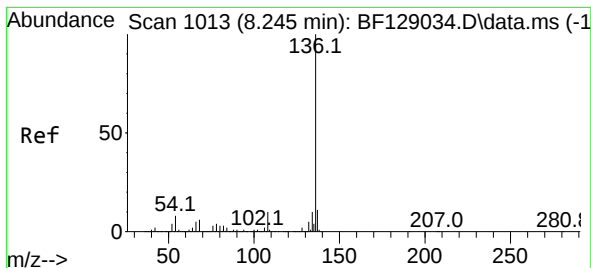


#20
3+4-Methylphenols
Concen: 40.543 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:107 Resp: 1227959
Ion Ratio Lower Upper
107 100
108 89.9 71.8 111.8
77 58.1 59.3 99.3#
79 26.3 11.7 51.7





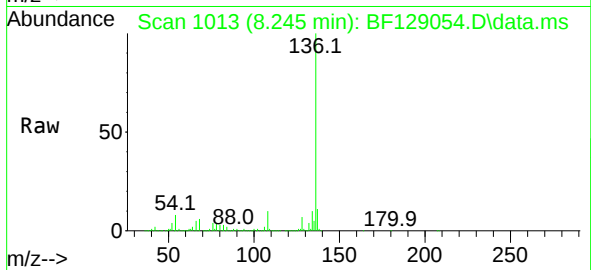
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

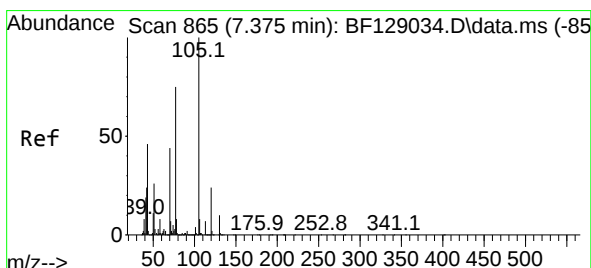
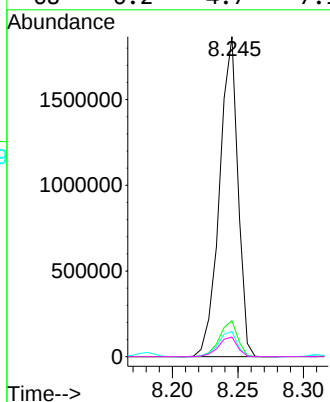
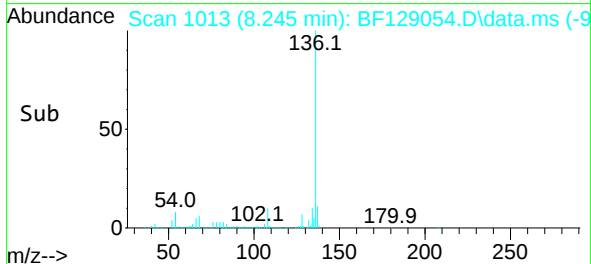


Tgt Ion:136 Resp: 1821124
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1

Manual Integrations

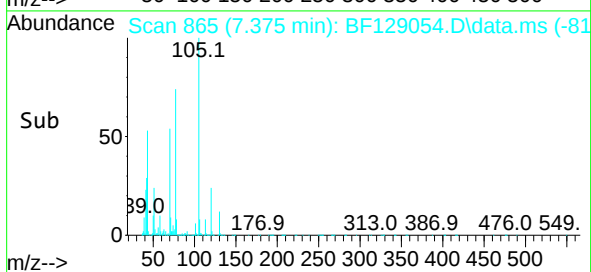
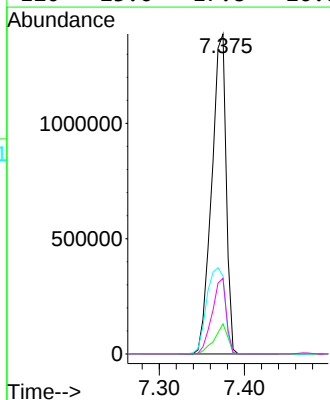
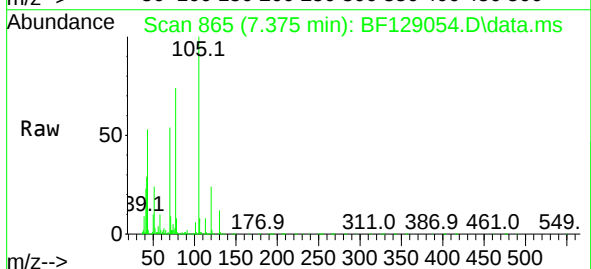
APPROVED

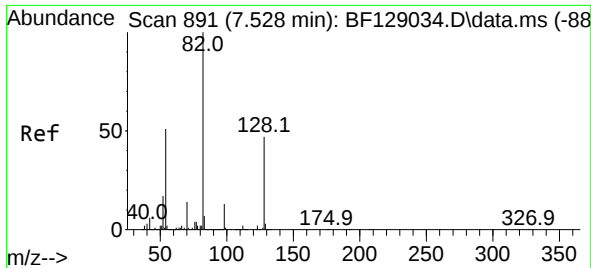
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 39.050 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

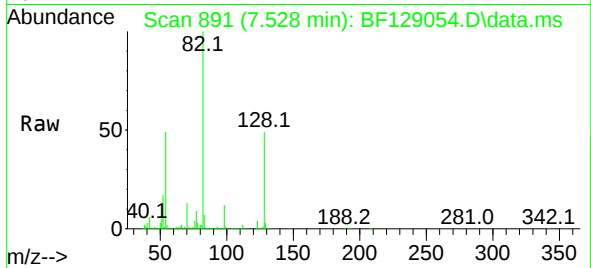
Tgt Ion:105 Resp: 1631361
Ion Ratio Lower Upper
105 100
71 9.4 5.0 7.4#
51 24.4 25.0 37.4#
120 23.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 75.521 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

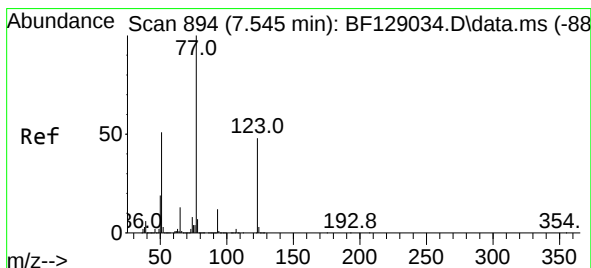
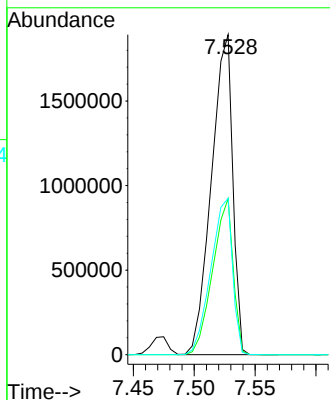
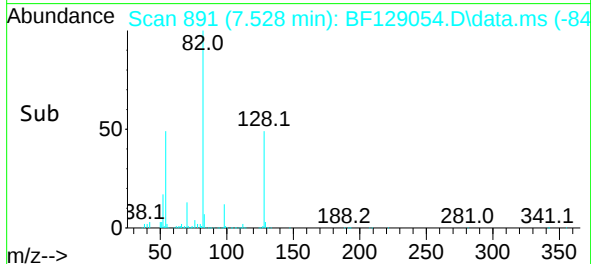
Instrument :
BNA_F
ClientSampleId :
PB145921BS



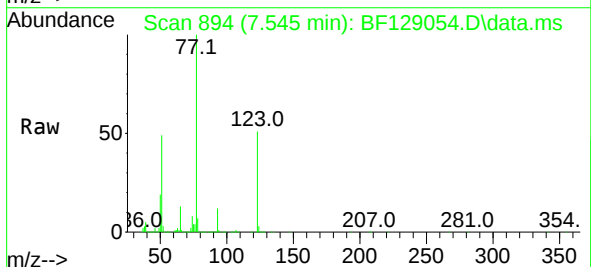
Tgt Ion: 82 Resp: 2305820
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 48.8 46.9 70.3

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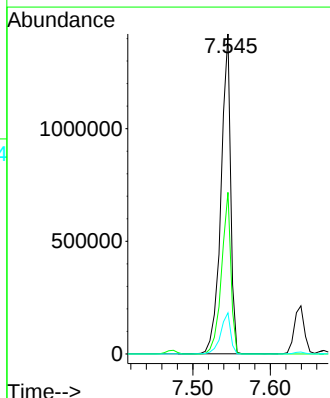
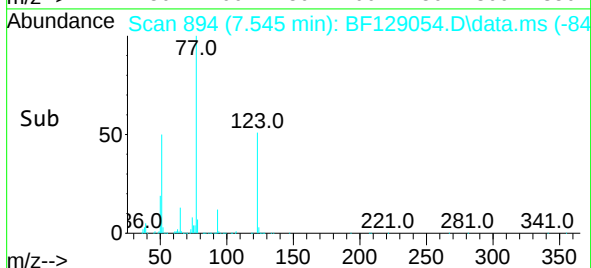
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

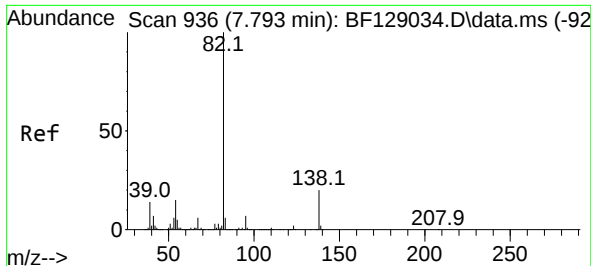


#24
Nitrobenzene
Concen: 41.778 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



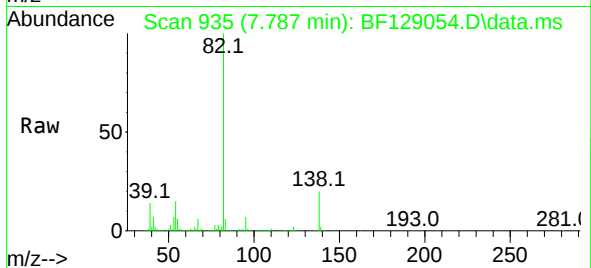
Tgt Ion: 77 Resp: 1234198
Ion Ratio Lower Upper
77 100
123 50.5 35.4 53.2
65 12.9 11.8 17.8





#25
Isophorone
Concen: 43.534 ng
RT: 7.787 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

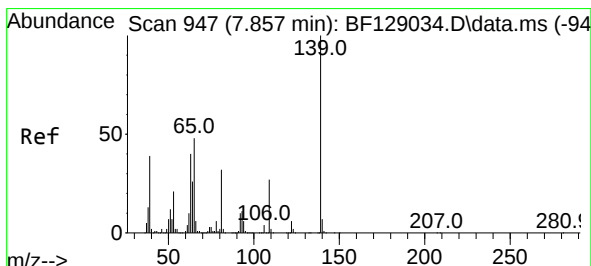
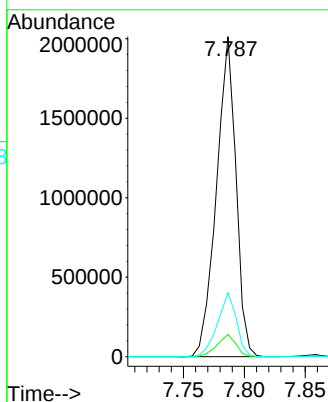
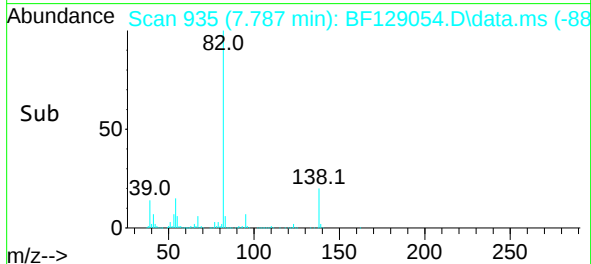
Instrument :
BNA_F
ClientSampleId :
PB145921BS



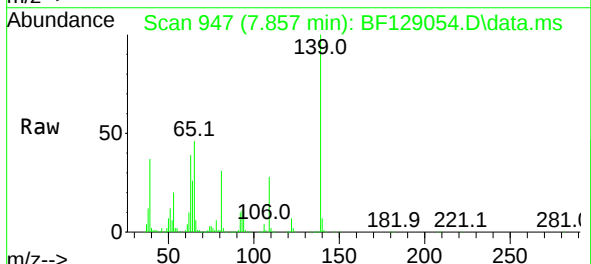
Tgt Ion: 82 Resp: 224636
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 20.0 14.2 21.2

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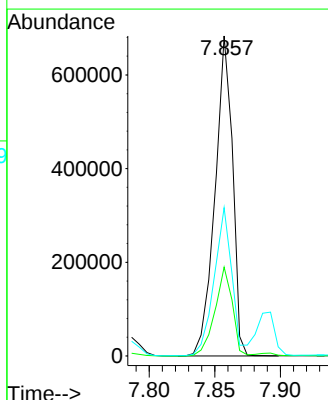
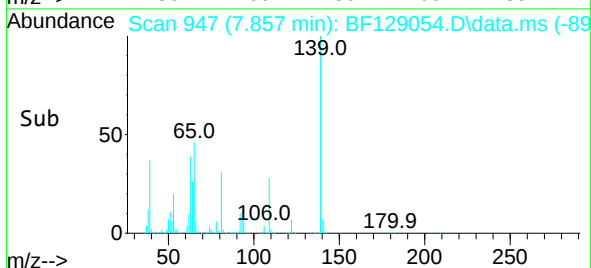
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

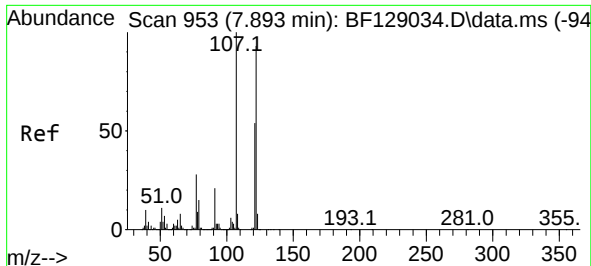


#26
2-Nitrophenol
Concen: 46.170 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:139 Resp: 633895
Ion Ratio Lower Upper
139 100
109 27.8 25.0 37.4
65 46.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 46.603 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129054.D

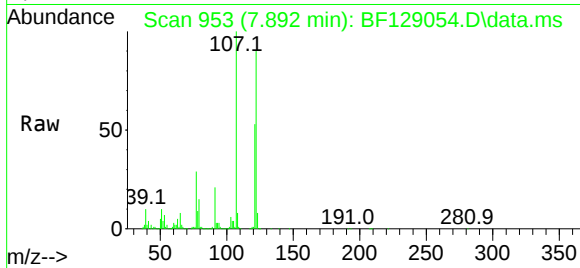
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS



Tgt Ion:122 Resp: 1155150

Ion Ratio Lower Upper

122 100

107 110.7 93.0 139.6

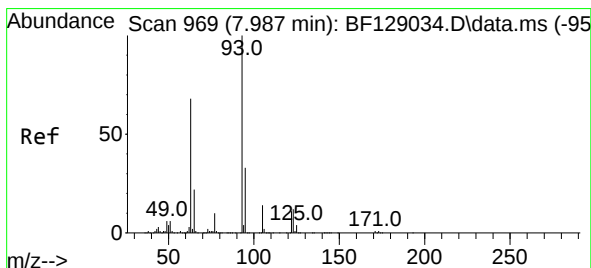
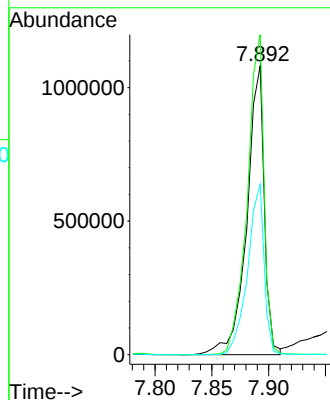
121 58.9 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.996 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

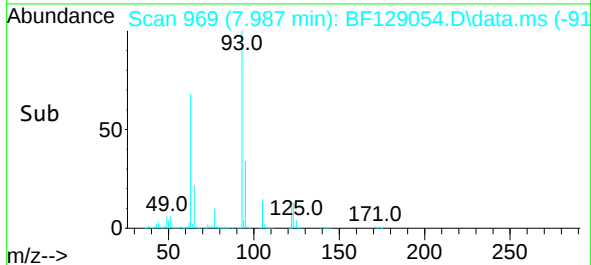
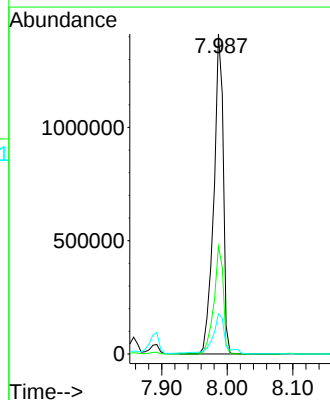
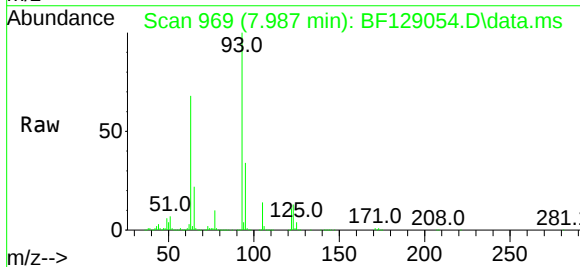
Tgt Ion: 93 Resp: 1417367

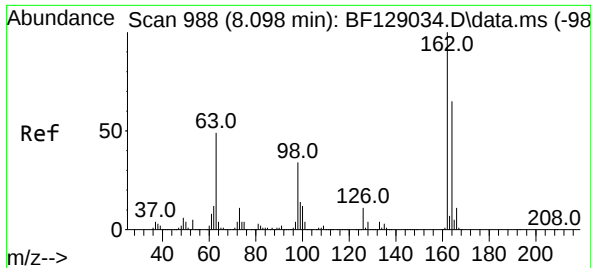
Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

123 12.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.475 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

Tgt Ion:162 Resp: 102331

Ion Ratio Lower Upper

162 100

164 64.8 44.2 84.2

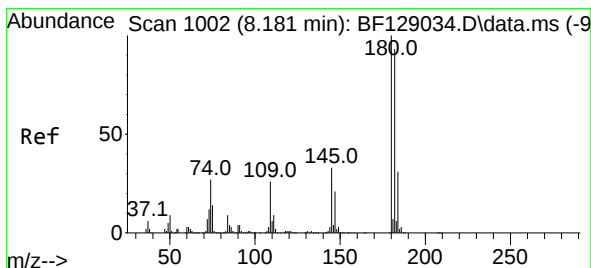
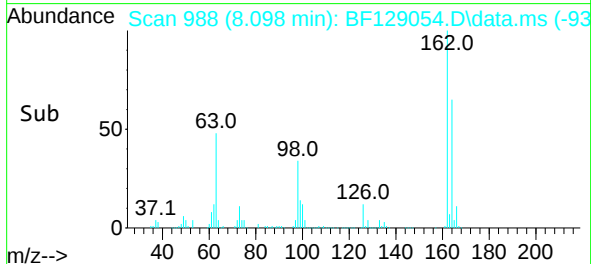
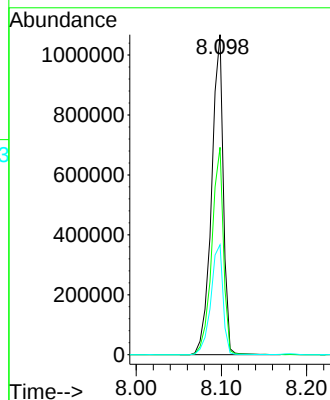
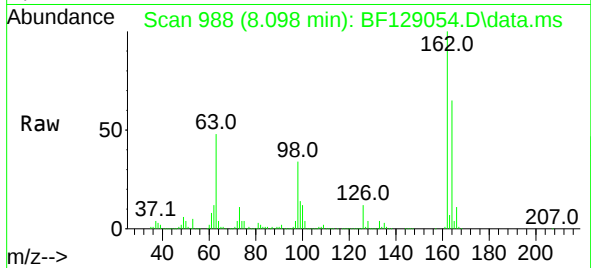
98 34.4 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.951 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

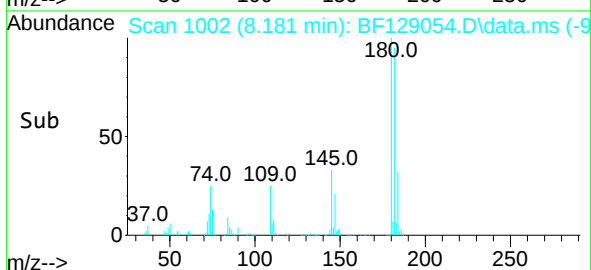
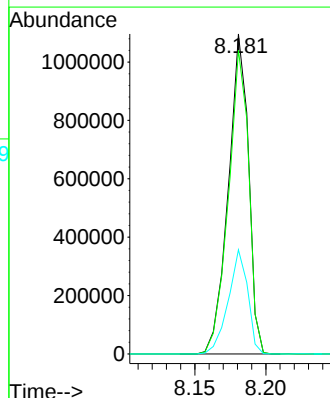
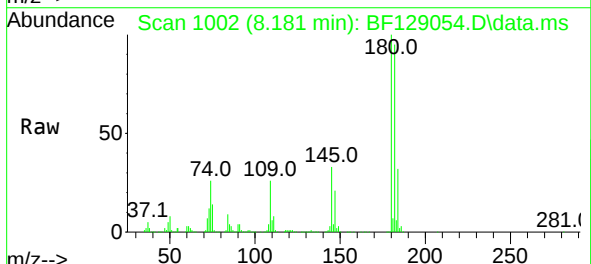
Tgt Ion:180 Resp: 1083657

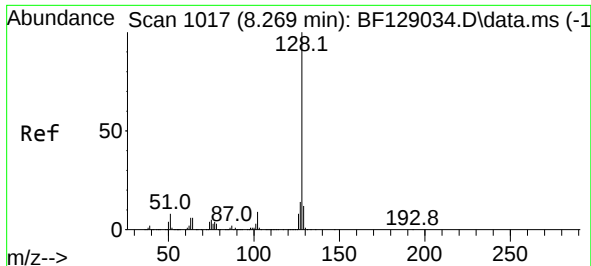
Ion Ratio Lower Upper

180 100

182 95.0 79.2 118.8

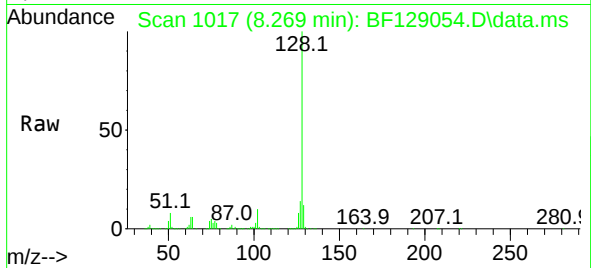
145 32.5 26.2 39.2





#31
Naphthalene
Concen: 39.718 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

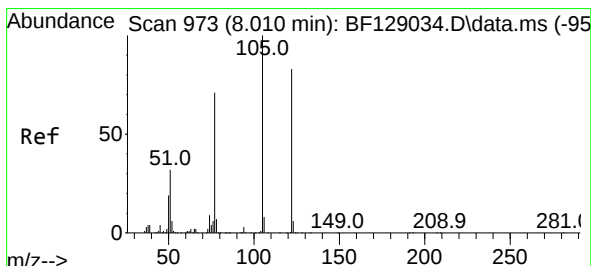
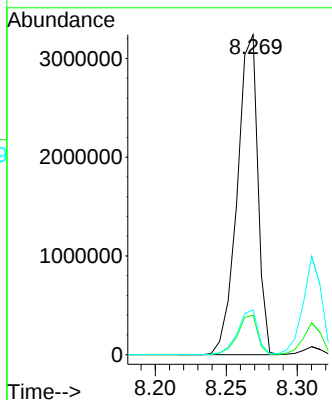
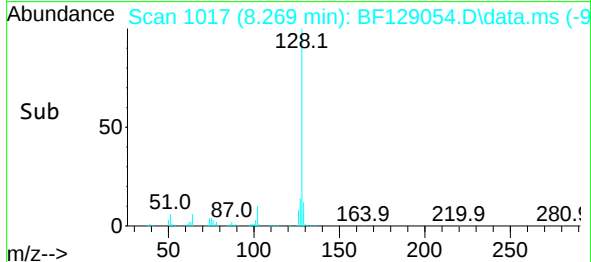
Instrument :
BNA_F
ClientSampleId :
PB145921BS



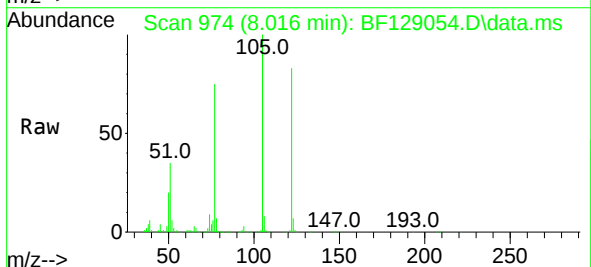
Tgt Ion:128 Resp: 328363
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.0 10.5 15.7

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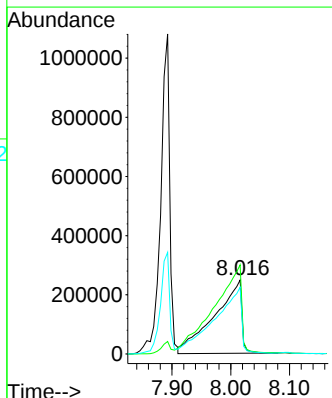
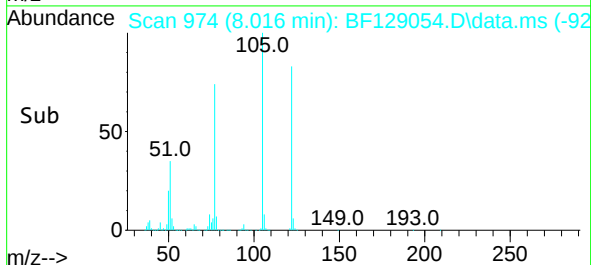
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

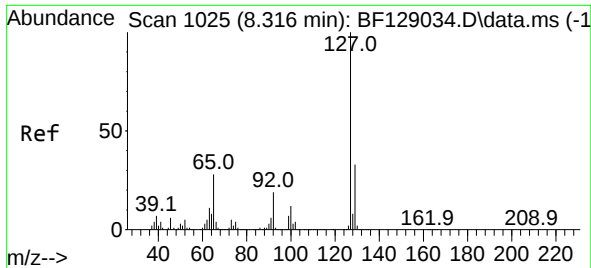


#32
Benzoic acid
Concen: 40.013 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:122 Resp: 795753
Ion Ratio Lower Upper
122 100
105 120.5 107.1 147.1
77 90.3 74.2 114.2





#33
4-Chloroaniline
Concen: 27.969 ng
RT: 8.310 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

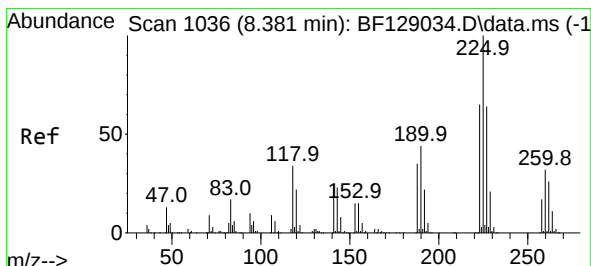
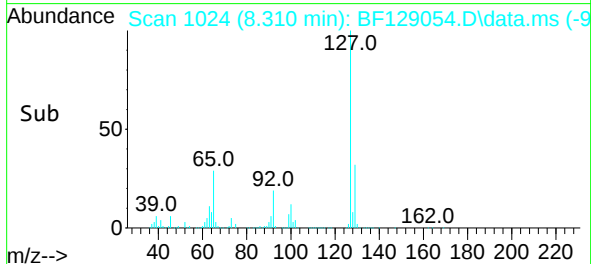
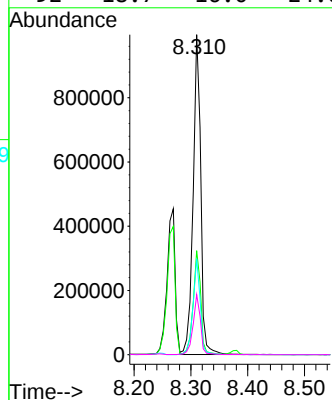
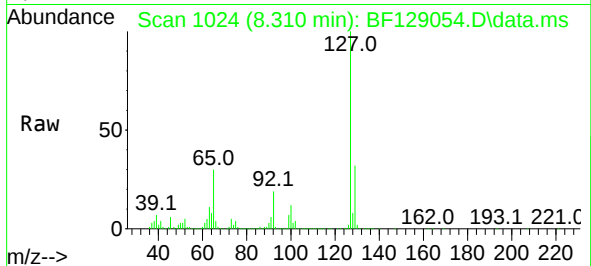
PB145921BS

Tgt Ion:127 Resp: 931730
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 30.0 26.4 39.6
92 18.7 16.0 24.0

Manual Integrations

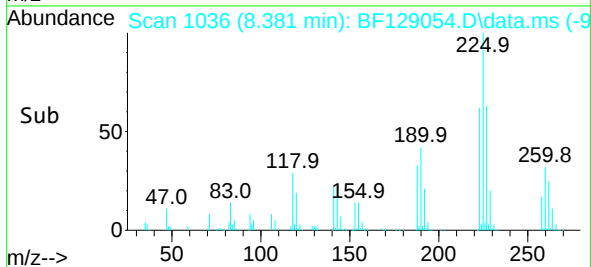
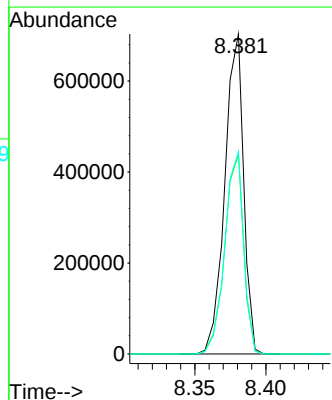
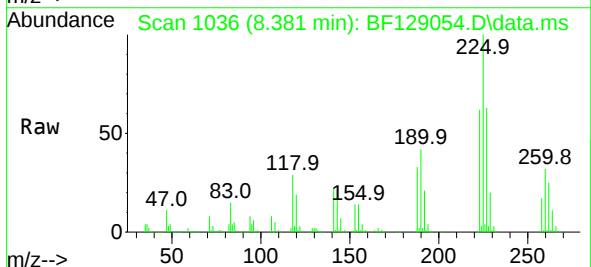
APPROVED

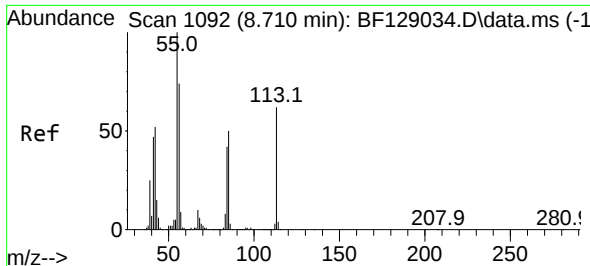
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#34
Hexachlorobutadiene
Concen: 38.984 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

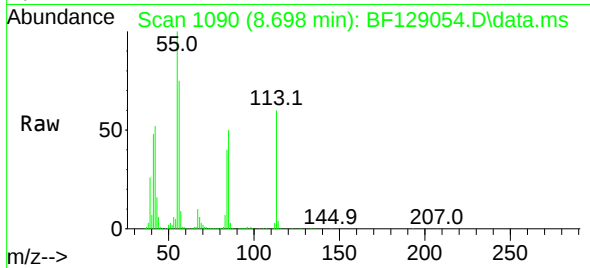
Tgt Ion:225 Resp: 647620
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.6
227 63.2 51.1 76.7





#35
 Caprolactam
 Concen: 40.200 ng m
 RT: 8.698 min Scan# 1092
 Delta R.T. -0.012 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55

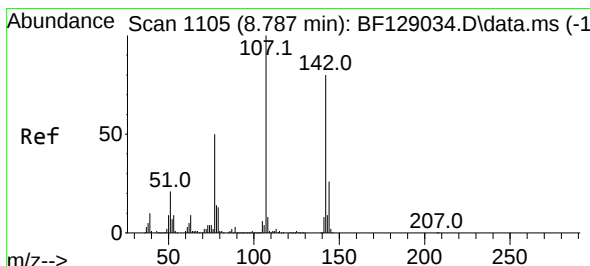
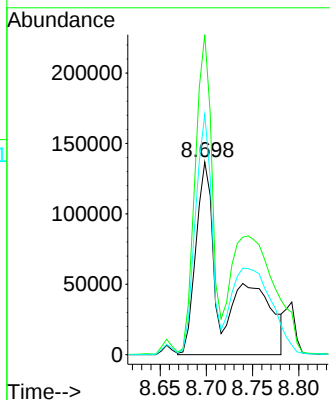
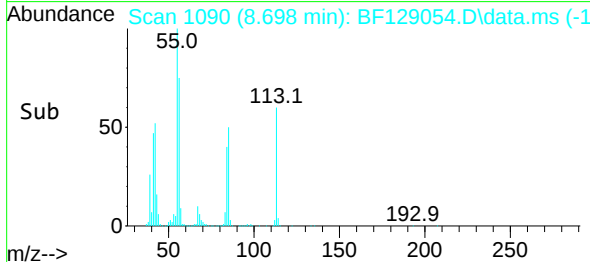
Instrument :
 BNA_F
 ClientSampleId :
 PB145921BS



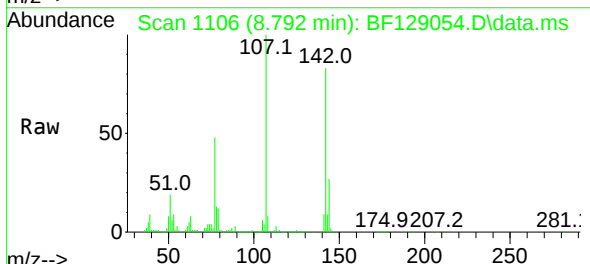
Tgt Ion:113 Resp: 322280
 Ion Ratio Lower Upper
 113 100
 55 166.1 188.5 228.5
 56 124.7 130.6 170.6

Manual Integrations
 APPROVED

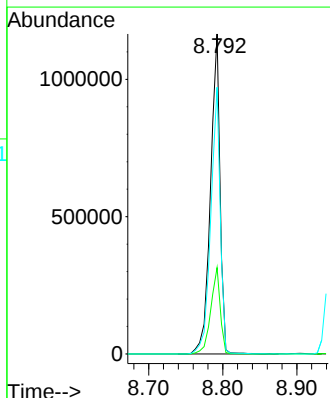
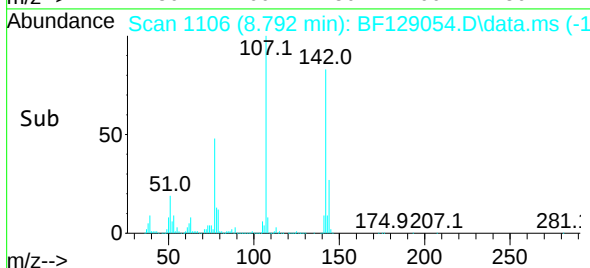
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

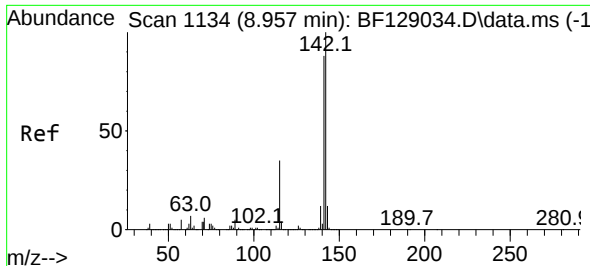


#36
 4-Chloro-3-methylphenol
 Concen: 40.510 ng
 RT: 8.792 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55



Tgt Ion:107 Resp: 1040608
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.5 29.3
 142 83.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 40.363 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

Tgt Ion:142 Resp: 224540

Ion Ratio Lower Upper

142 100

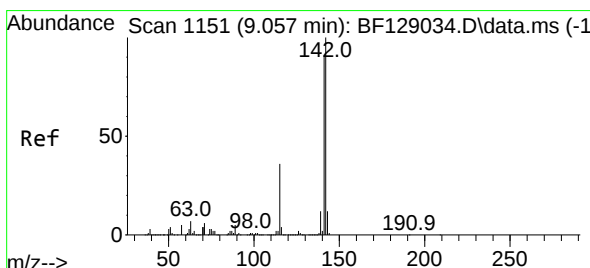
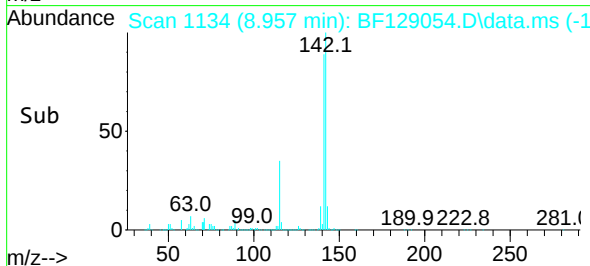
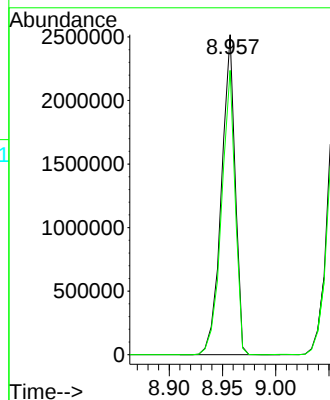
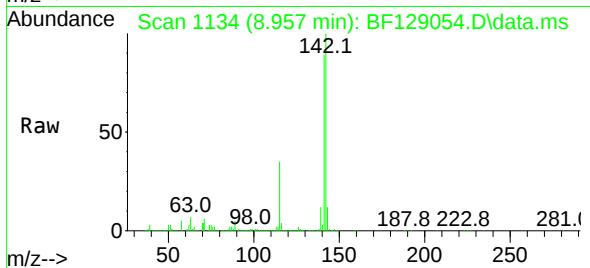
141 88.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#38

1-Methylnaphthalene

Concen: 39.775 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129054.D

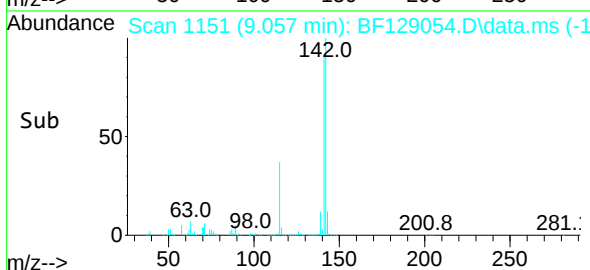
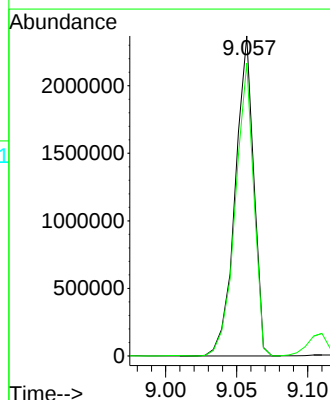
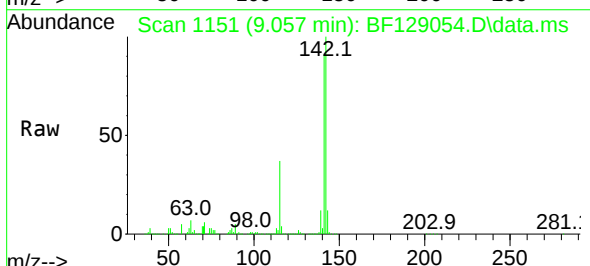
Acq: 30 Jun 2022 12:55

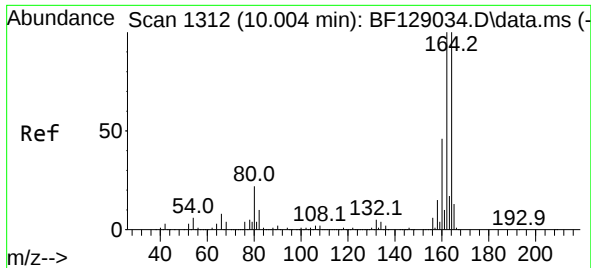
Tgt Ion:142 Resp: 2148811

Ion Ratio Lower Upper

142 100

141 91.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

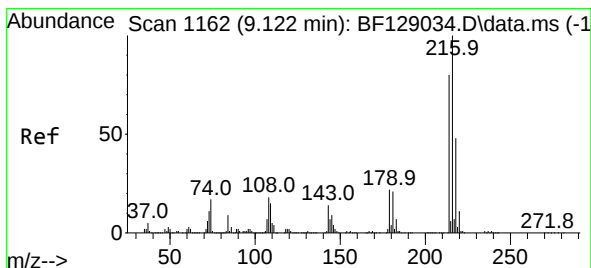
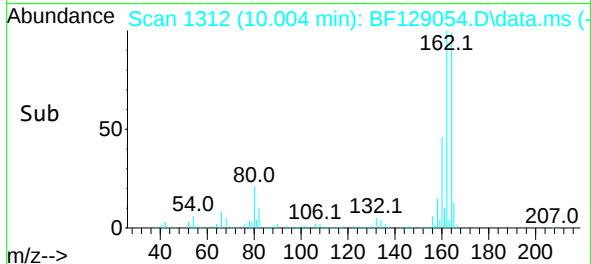
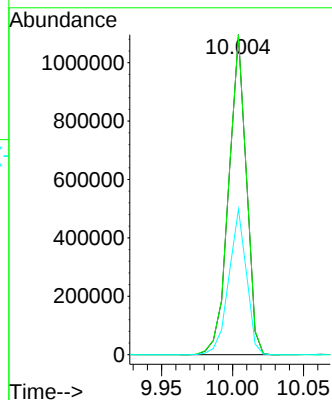
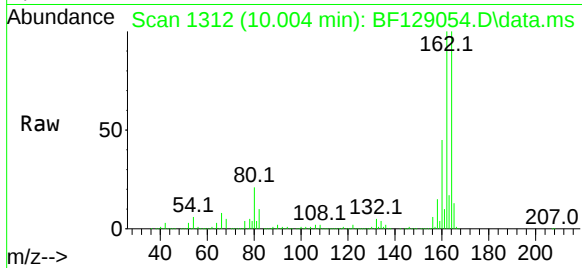
PB145921BS

Tgt Ion:164 Resp: 943518
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.5 34.2 51.4

Manual Integrations

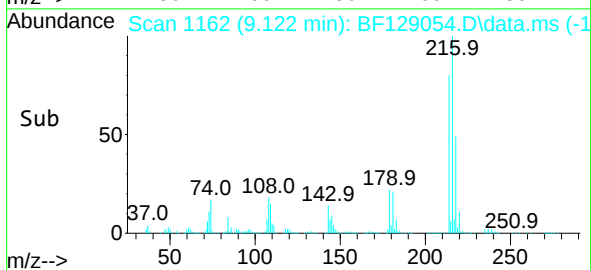
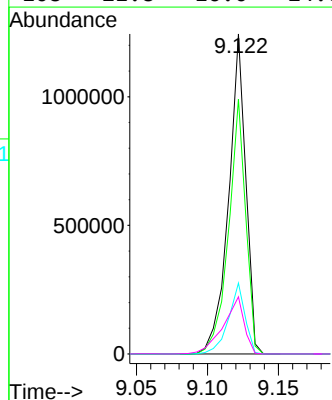
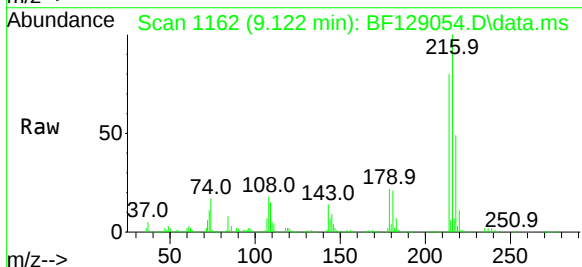
APPROVED

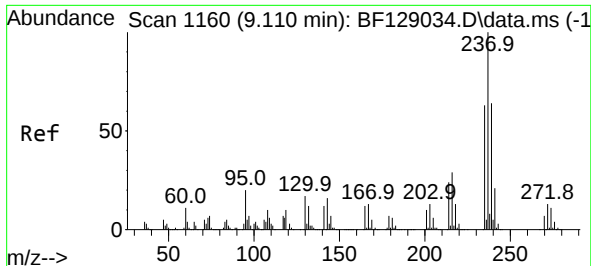
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.403 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

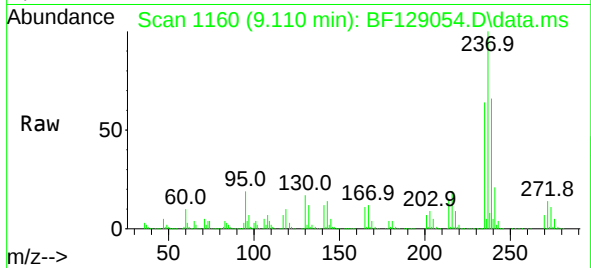
Tgt Ion:216 Resp: 1044994
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.5 17.0 25.6
108 21.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 92.241 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

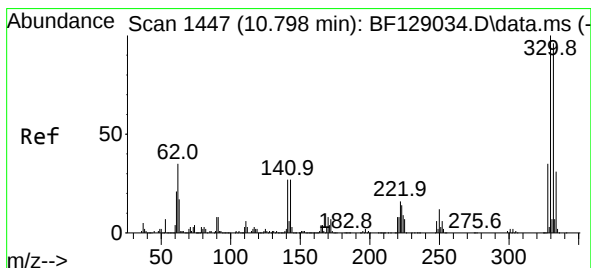
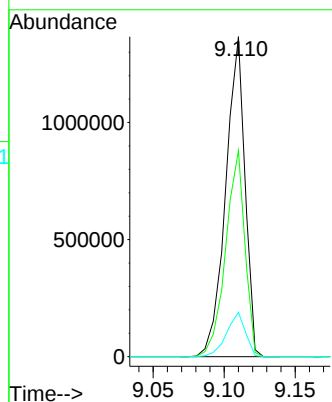
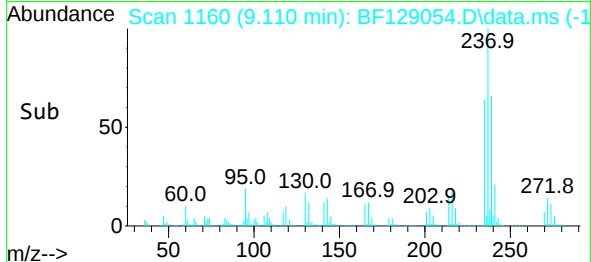
Instrument :
BNA_F
ClientSampleId :
PB145921BS



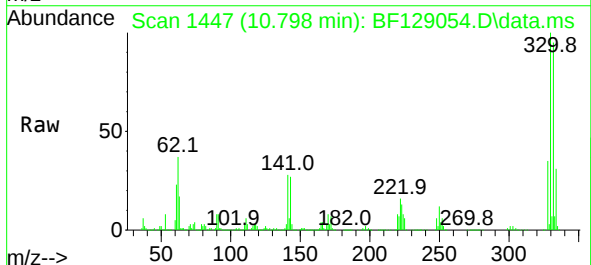
Tgt Ion:237 Resp: 1291292
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 13.8 0.0 31.9

Manual Integrations
APPROVED

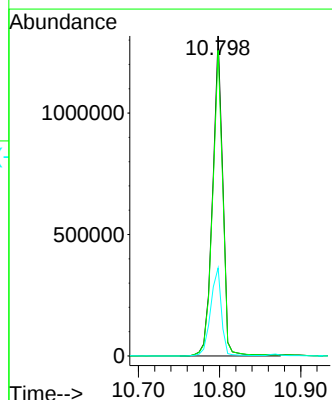
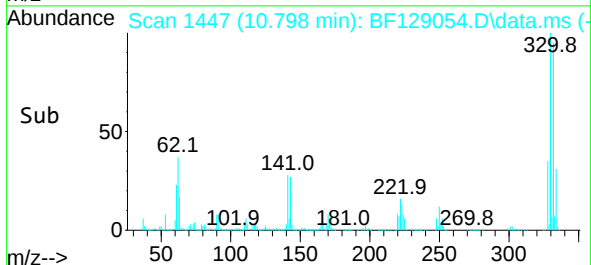
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

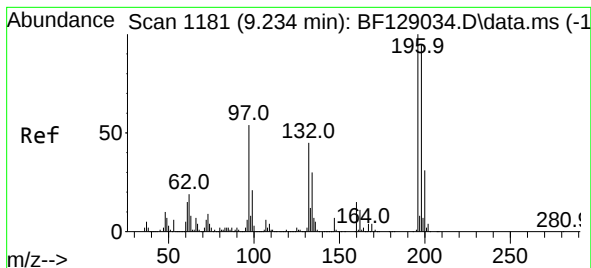


#42
2,4,6-Tribromophenol
Concen: 111.136 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:330 Resp: 1140182
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 29.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 40.318 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

Tgt Ion:196 Resp: 72831

Ion Ratio Lower Upper

196 100

198 96.0 74.0 111.0

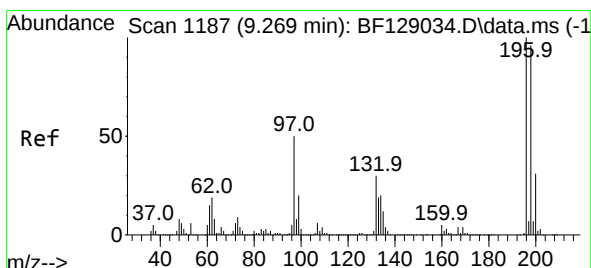
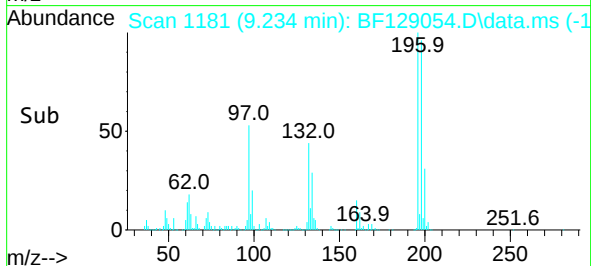
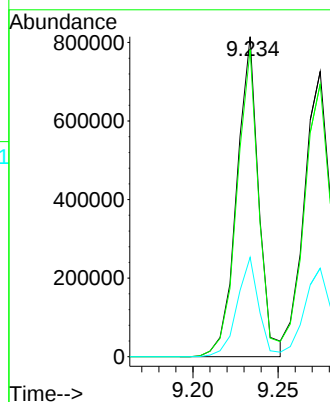
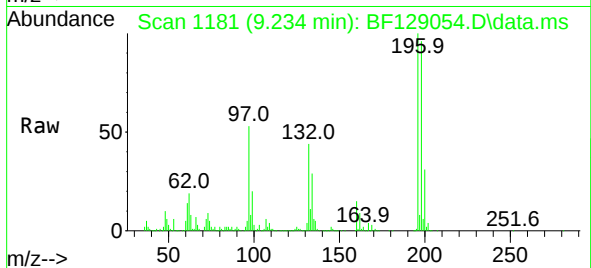
200 31.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 40.760 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Tgt Ion:196 Resp: 783200

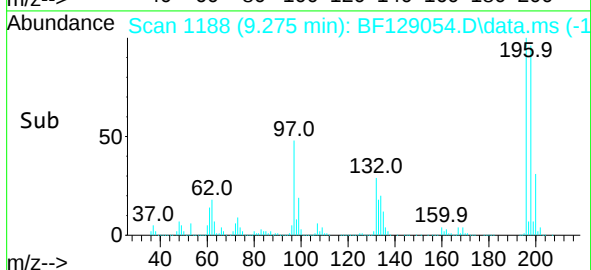
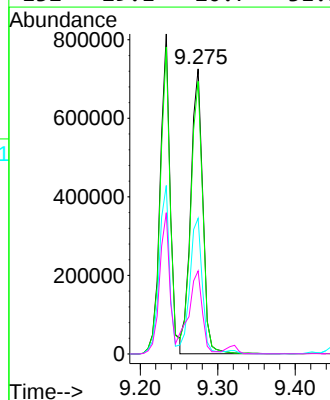
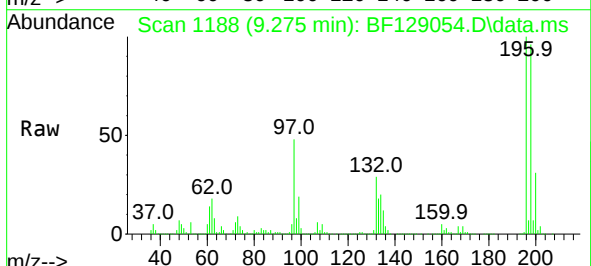
Ion Ratio Lower Upper

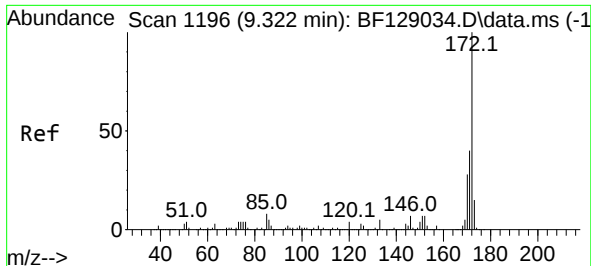
196 100

198 95.6 75.7 113.5

97 47.6 36.4 54.6

132 29.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 68.383 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

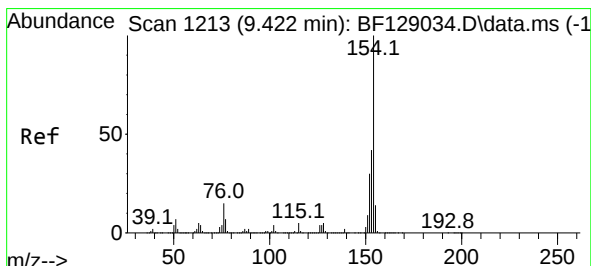
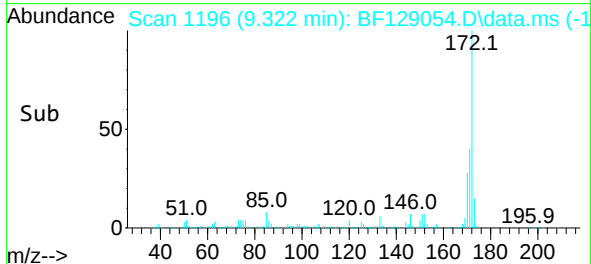
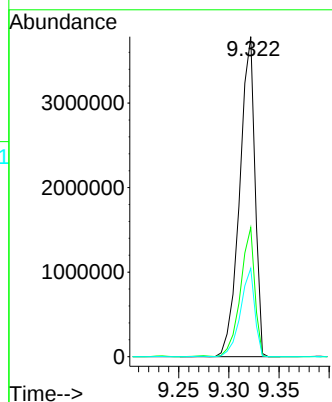
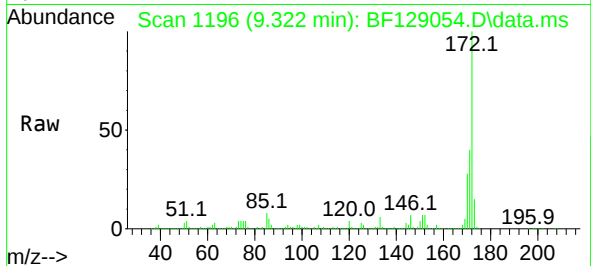
ClientSampleId :

PB145921BS

Tgt Ion:172 Resp: 403306
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 27.6 19.8 29.8

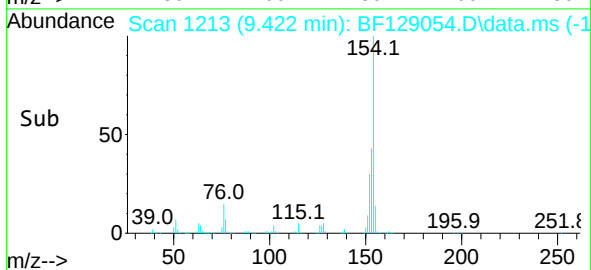
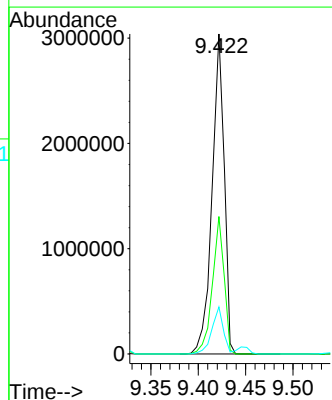
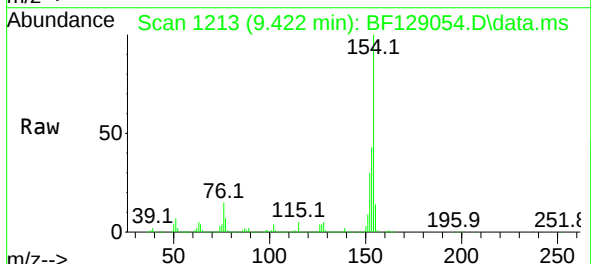
Manual Integrations
APPROVED

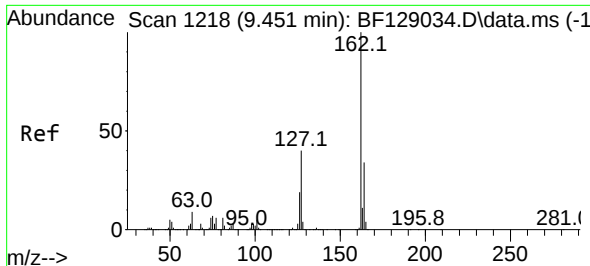
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#46
1,1'-Biphenyl
Concen: 39.763 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

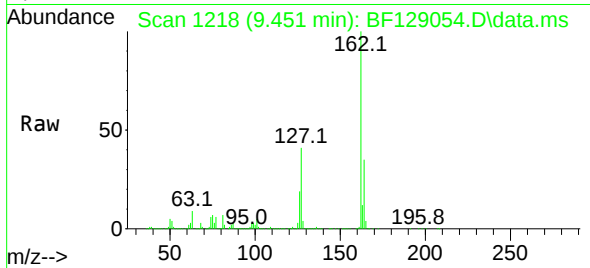
Tgt Ion:154 Resp: 2697238
Ion Ratio Lower Upper
154 100
153 43.0 20.6 60.6
76 14.7 0.0 33.3





#47
2-Chloronaphthalene
Concen: 39.158 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

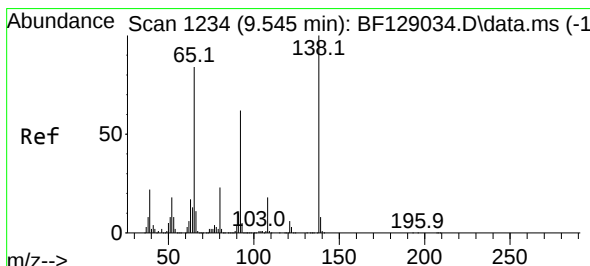
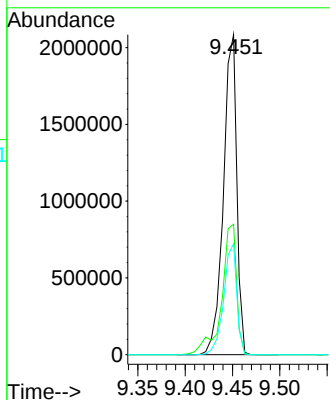
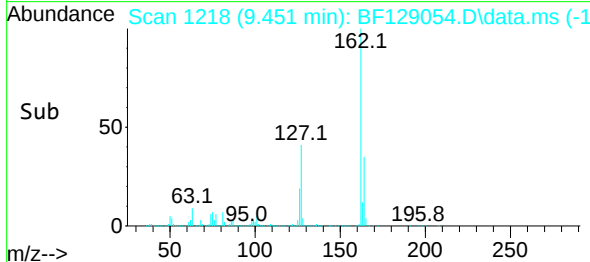
Instrument :
BNA_F
ClientSampleId :
PB145921BS



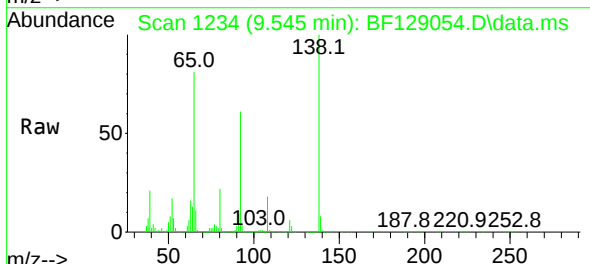
Tgt Ion:162 Resp: 2051198
Ion Ratio Lower Upper
162 100
127 40.7 34.5 51.7
164 34.7 26.5 39.7

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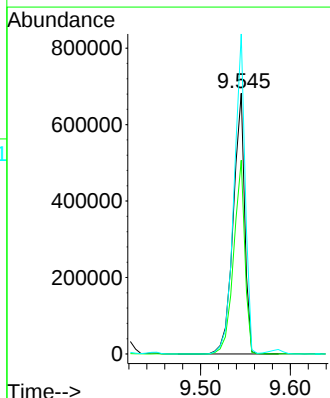
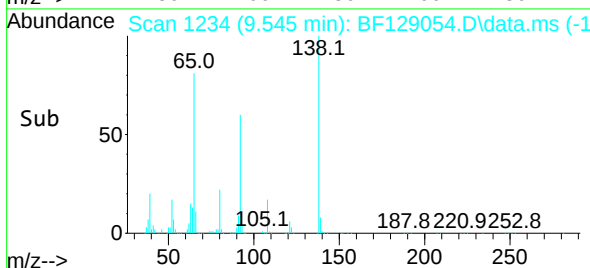
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

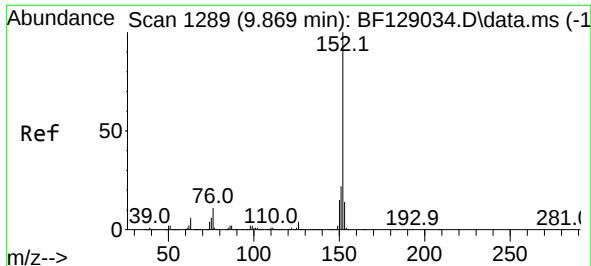


#48
2-Nitroaniline
Concen: 43.941 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



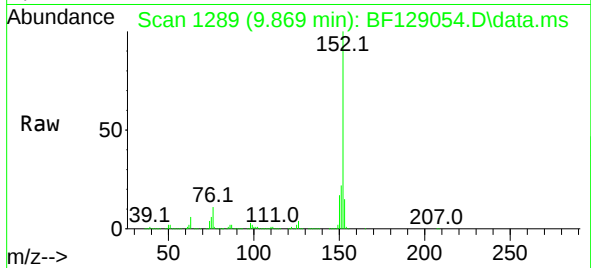
Tgt Ion: 65 Resp: 606235
Ion Ratio Lower Upper
65 100
92 74.3 51.9 77.9
138 122.7 76.4 114.6#





#49
Acenaphthylene
Concen: 41.549 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

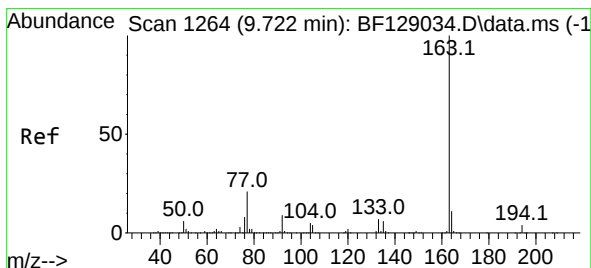
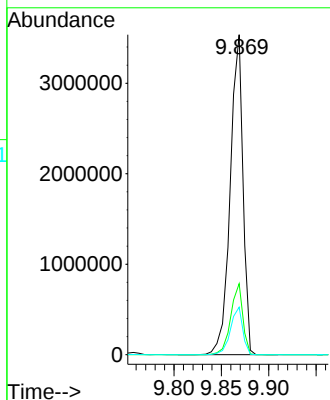
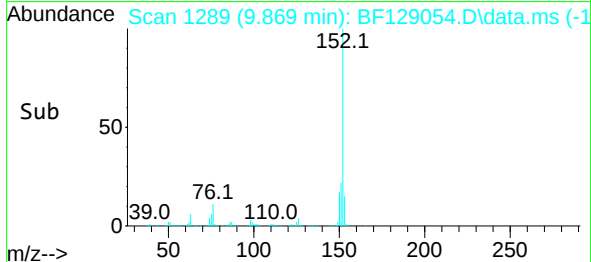
Instrument :
BNA_F
ClientSampleId :
PB145921BS



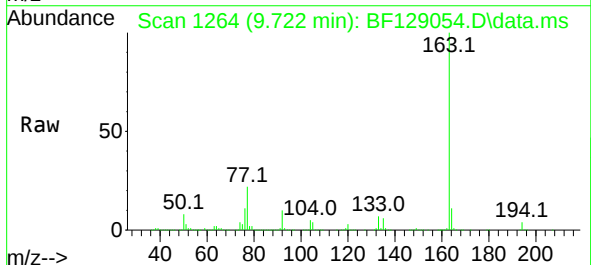
Tgt Ion:152 Resp: 3307130
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4
153 14.8 10.7 16.1

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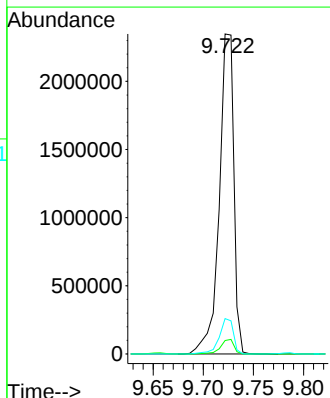
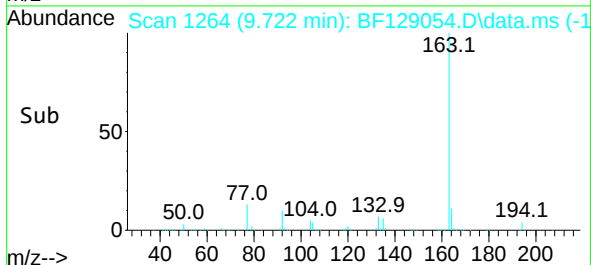
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

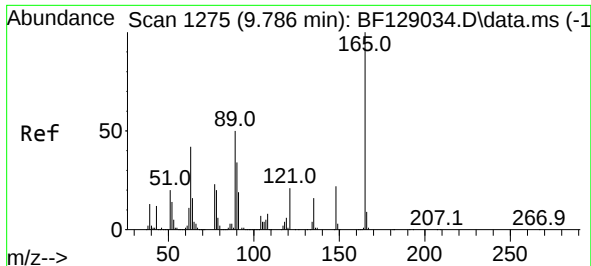


#50
Dimethylphthalate
Concen: 40.073 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:163 Resp: 2365368
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 11.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.714 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

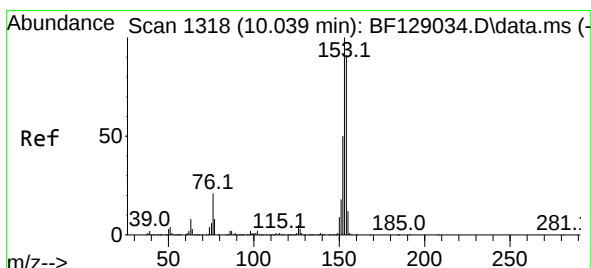
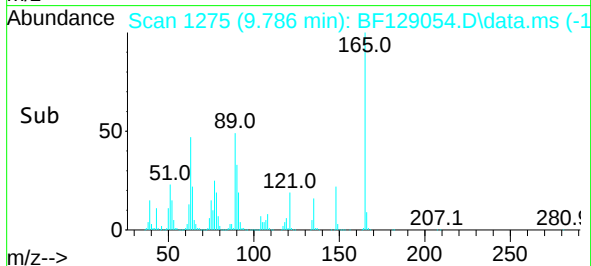
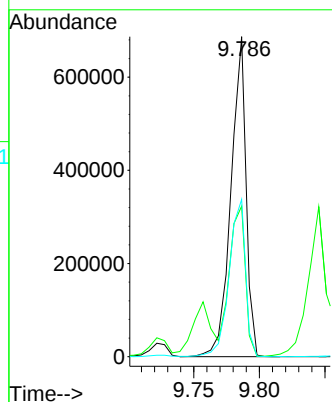
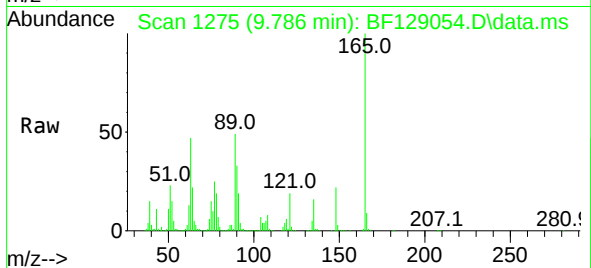
PB145921BS

Tgt Ion:165 Resp: 55138
Ion Ratio Lower Upper
165 100
63 47.0 44.9 67.3
89 49.2 43.6 65.4

Manual Integrations

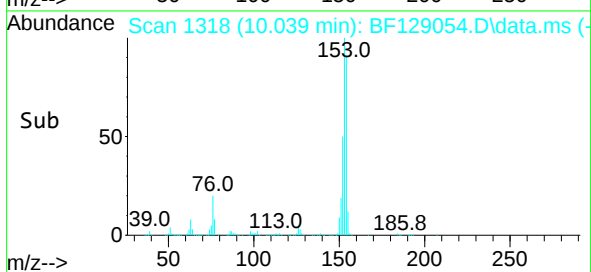
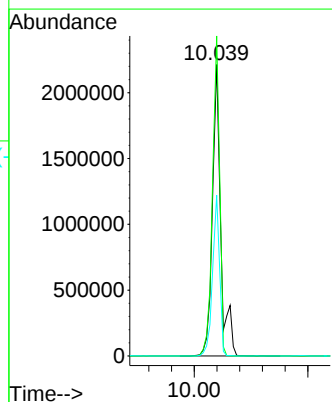
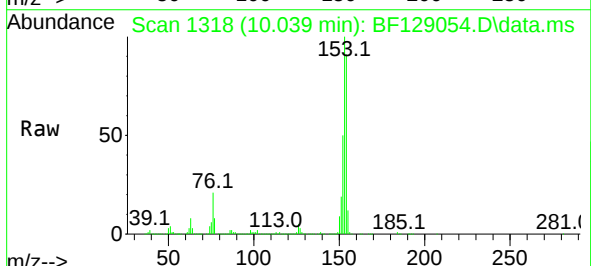
APPROVED

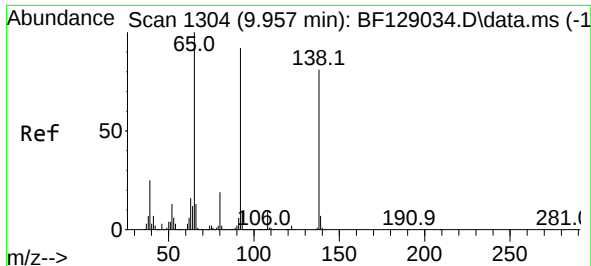
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 43.607 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Tgt Ion:154 Resp: 2260844
Ion Ratio Lower Upper
154 100
153 109.9 89.6 134.4
152 55.2 42.4 63.6





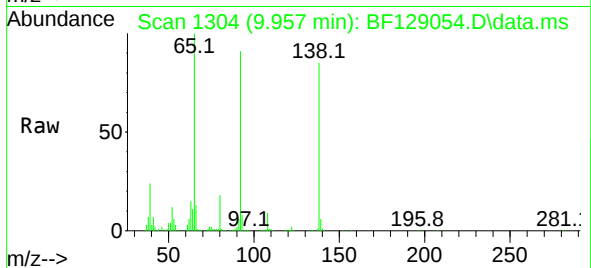
#53
3-Nitroaniline
Concen: 33.213 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

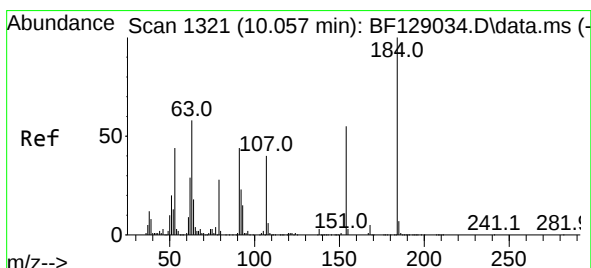
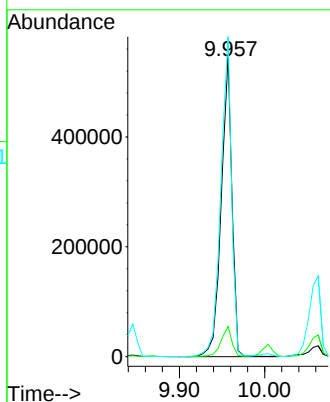
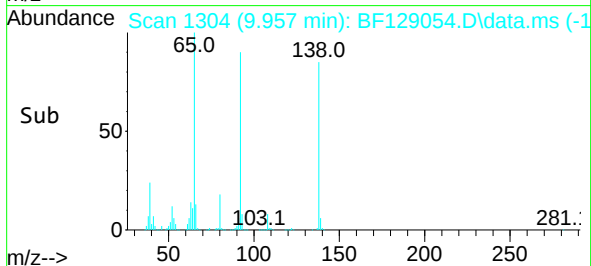


Tgt Ion:138 Resp: 477728
Ion Ratio Lower Upper
138 100
108 10.1 10.9 16.3
92 106.7 98.2 147.2

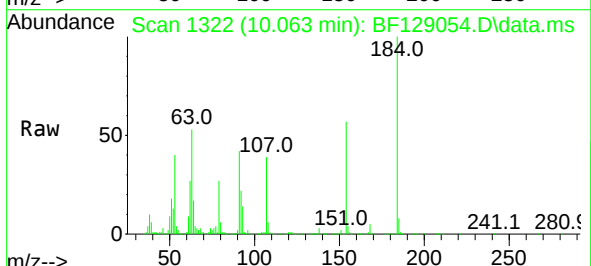
Manual Integrations

APPROVED

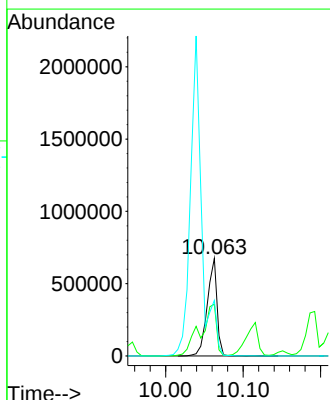
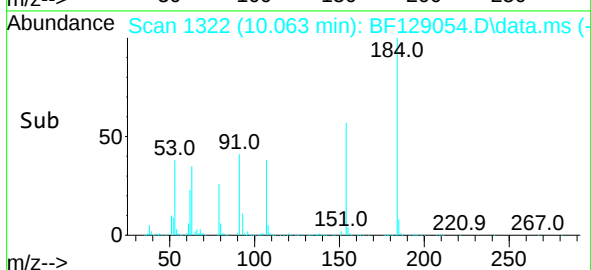
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

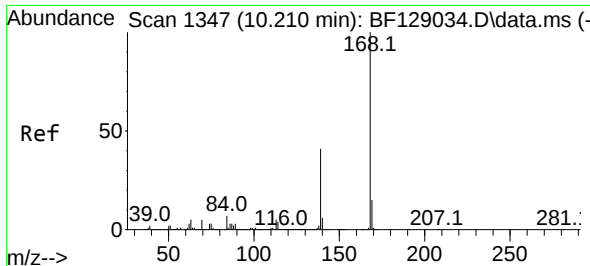


#54
2,4-Dinitrophenol
Concen: 89.528 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



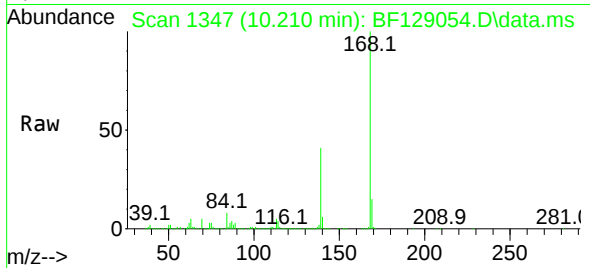
Tgt Ion:184 Resp: 589799
Ion Ratio Lower Upper
184 100
63 52.9 64.5 96.7#
154 56.9 50.6 75.8





#55
Dibenzofuran
Concen: 38.777 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

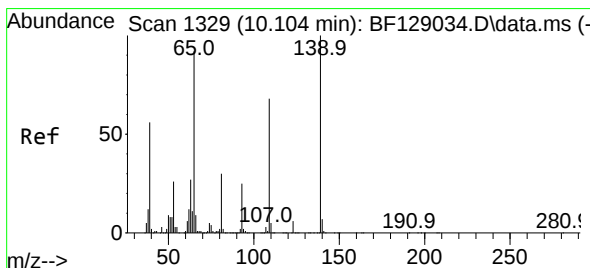
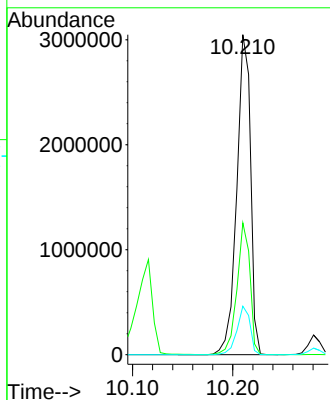
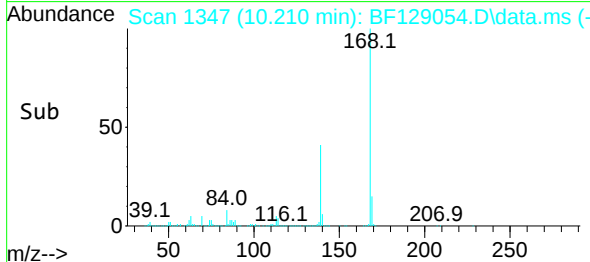
Instrument :
BNA_F
ClientSampleId :
PB145921BS



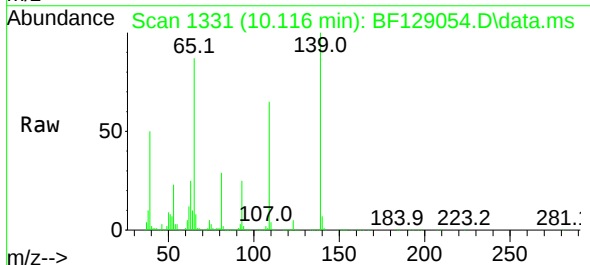
Tgt Ion:168 Resp: 2927414
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 15.2 11.0 16.6

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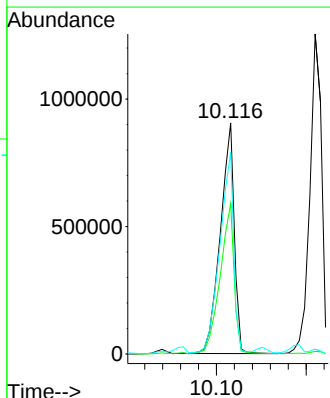
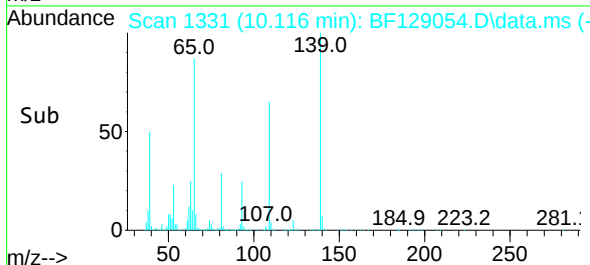
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

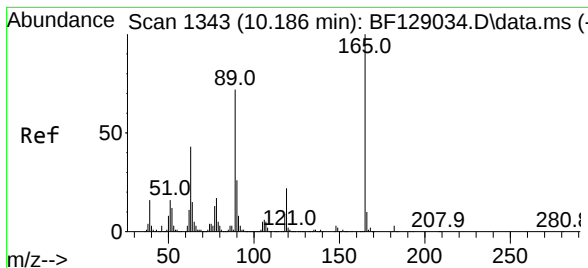


#56
4-Nitrophenol
Concen: 83.684 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



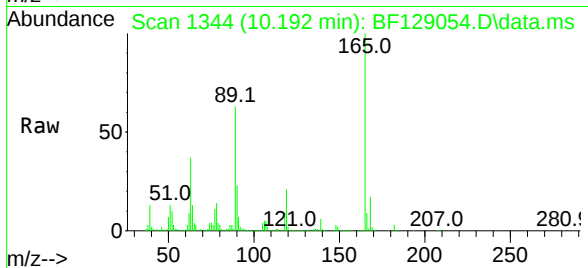
Tgt Ion:139 Resp: 983480
Ion Ratio Lower Upper
139 100
109 65.2 50.7 90.7
65 87.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 48.549 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

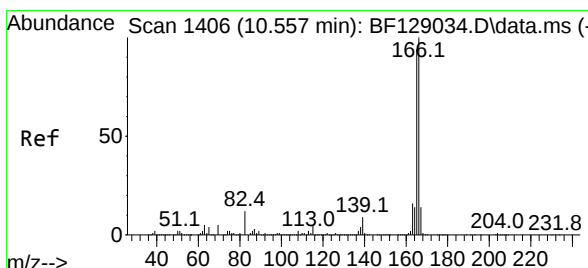
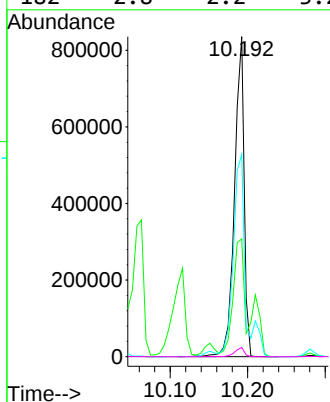
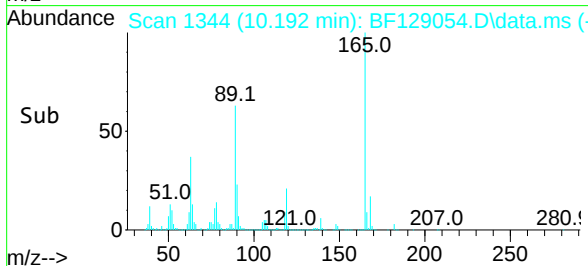
Instrument :
BNA_F
ClientSampleId :
PB145921BS



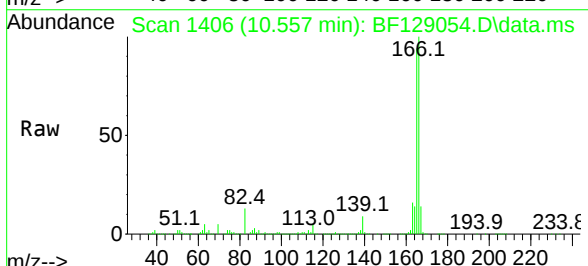
Tgt Ion:165 Resp: 722925
Ion Ratio Lower Upper
165 100
63 36.8 39.8 59.6
89 63.3 60.2 90.2
182 2.8 2.2 3.2

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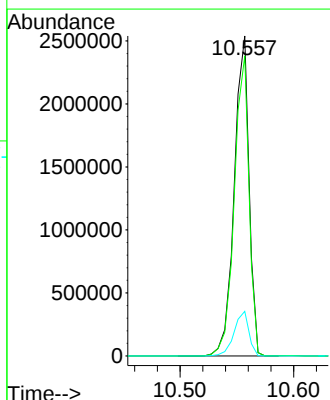
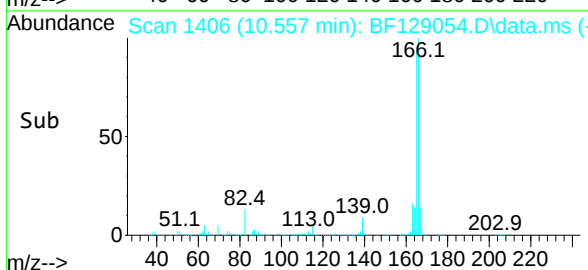
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

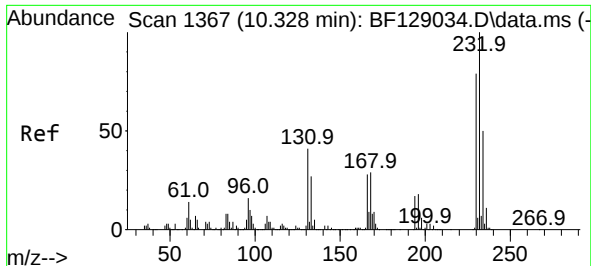


#58
Fluorene
Concen: 39.272 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



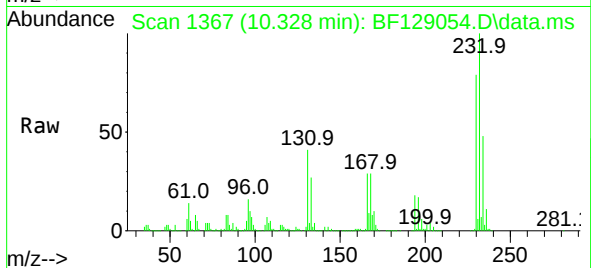
Tgt Ion:166 Resp: 2293330
Ion Ratio Lower Upper
166 100
165 93.8 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.173 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

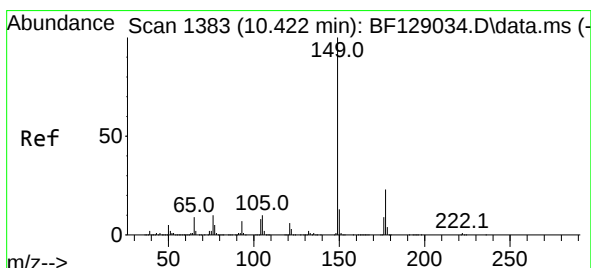
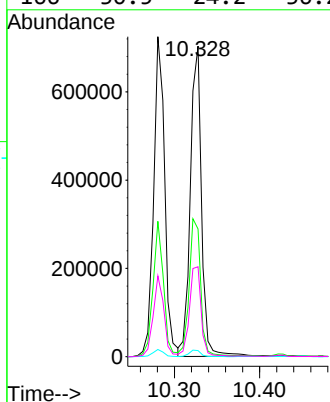
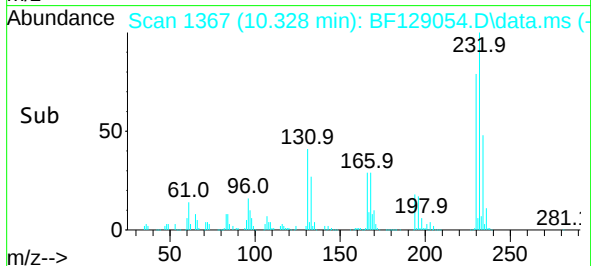
Instrument :
BNA_F
ClientSampleId :
PB145921BS



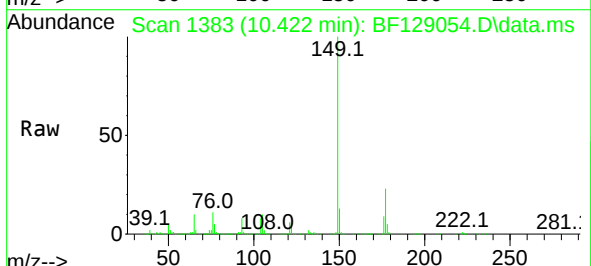
Tgt Ion:232 Resp: 639499
Ion Ratio Lower Upper
232 100
131 45.6 36.1 54.1
130 2.3 1.8 2.8
166 30.5 24.2 36.2

Manual Integrations
APPROVED

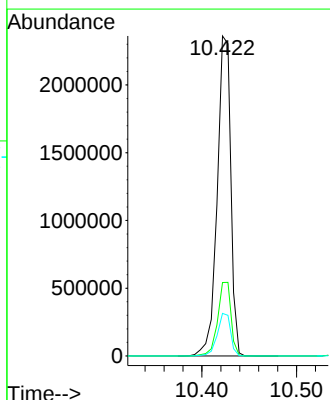
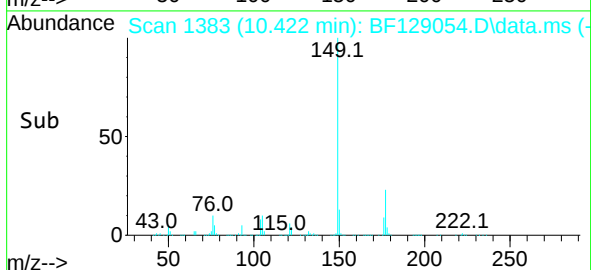
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

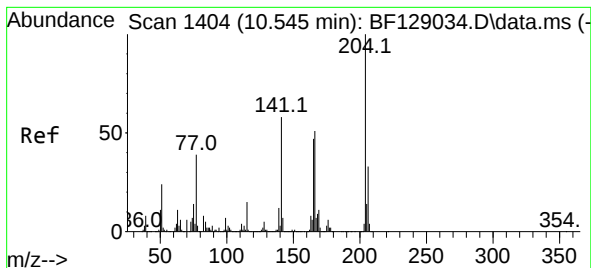


#60
Diethylphthalate
Concen: 39.951 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



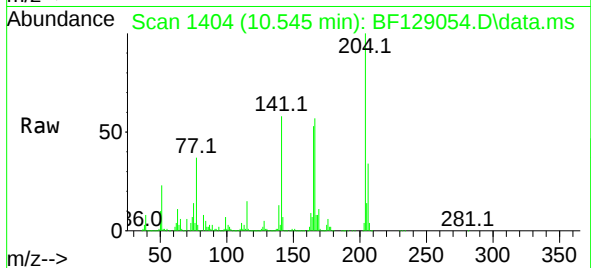
Tgt Ion:149 Resp: 2362964
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 13.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.930 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

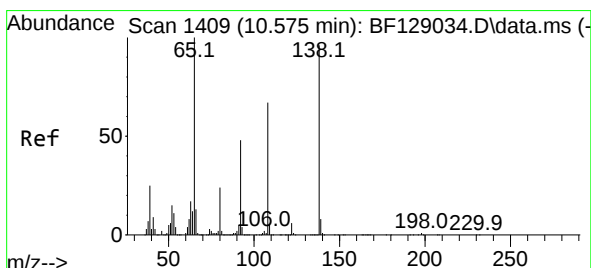
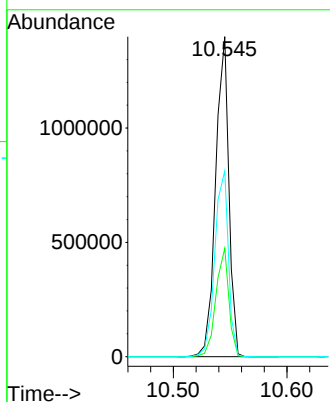
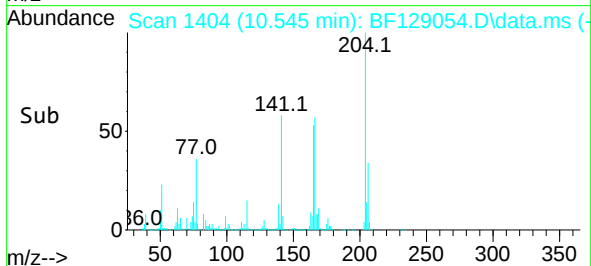
Instrument :
BNA_F
ClientSampleId :
PB145921BS



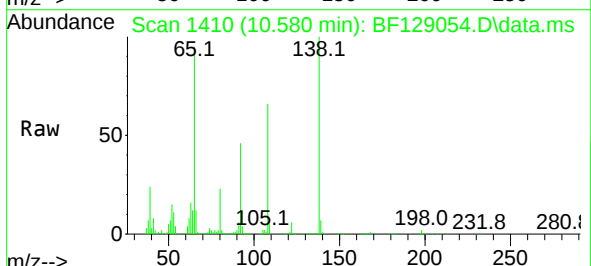
Tgt Ion:204 Resp: 1132702
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 58.0 47.0 70.4

Manual Integrations
APPROVED

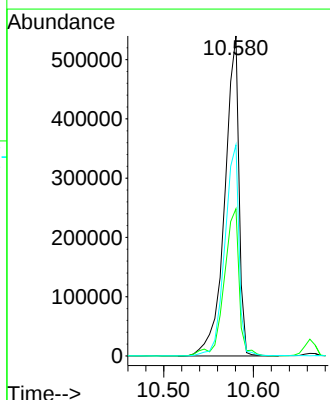
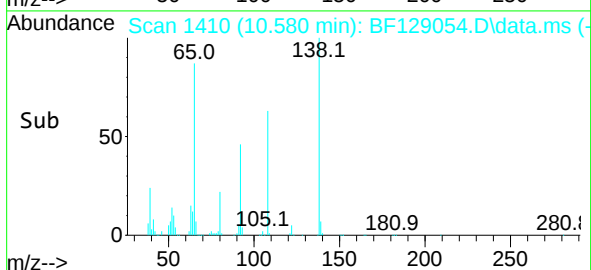
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

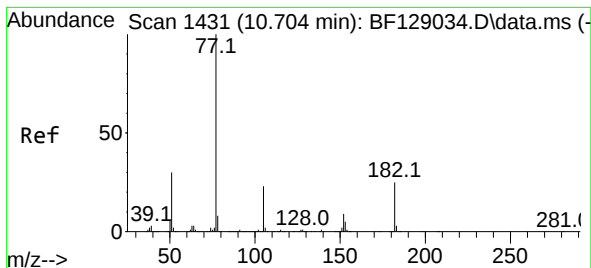


#62
4-Nitroaniline
Concen: 41.788 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



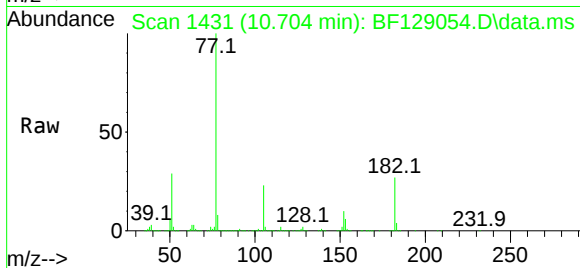
Tgt Ion:138 Resp: 596028
Ion Ratio Lower Upper
138 100
92 46.0 33.5 73.5
108 65.9 61.0 101.0





#63
Azobenzene
Concen: 39.058 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

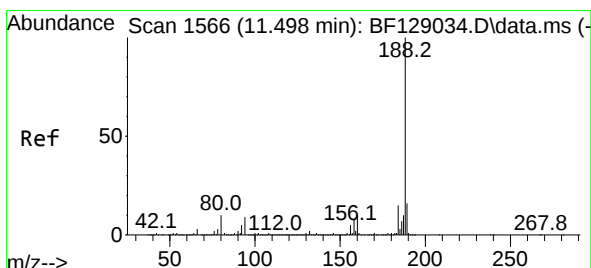
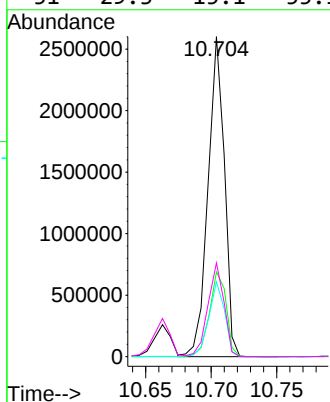
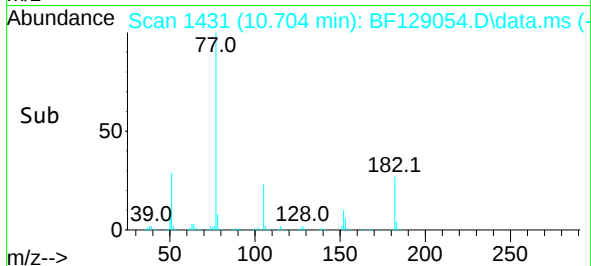
Instrument :
BNA_F
ClientSampleId :
PB145921BS



Tgt Ion: 77 Resp: 226332
Ion Ratio Lower Upper
77 100
182 26.5 5.6 45.6
105 23.4 1.6 41.6
51 29.3 15.1 55.1

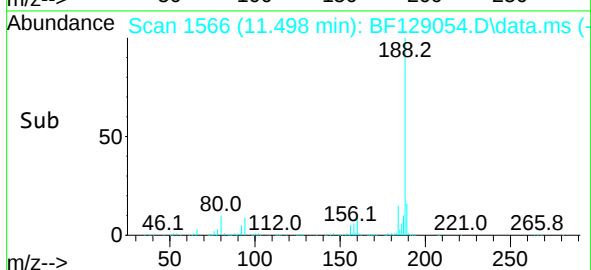
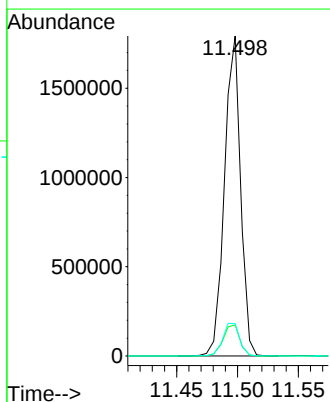
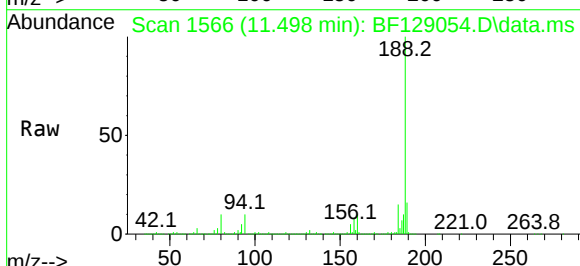
Manual Integrations
APPROVED

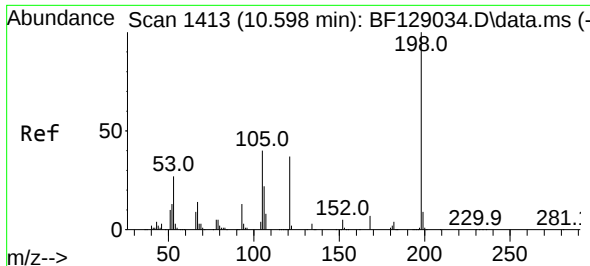
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

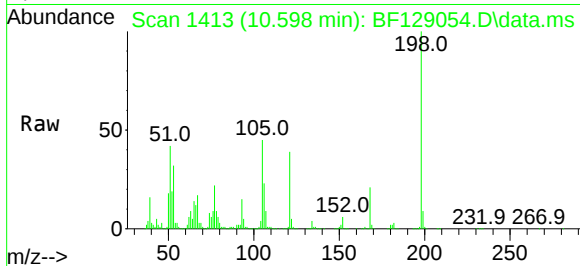
Tgt Ion:188 Resp: 1648989
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.1 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.699 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

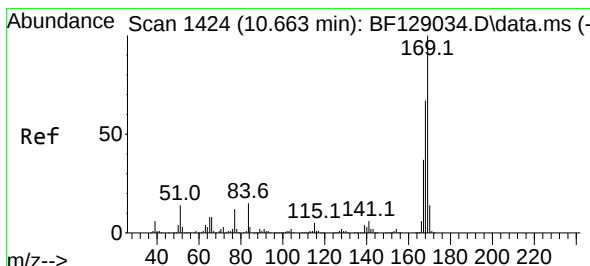
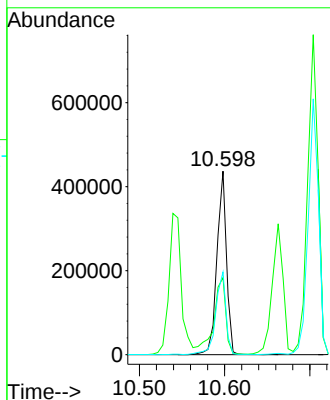
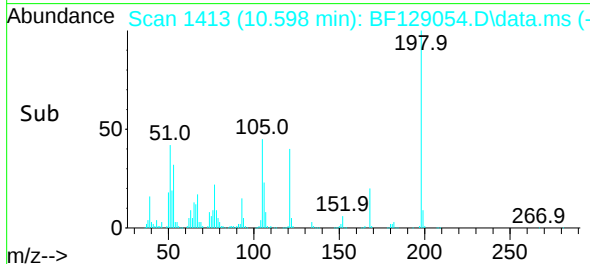
Instrument :
BNA_F
ClientSampleId :
PB145921BS



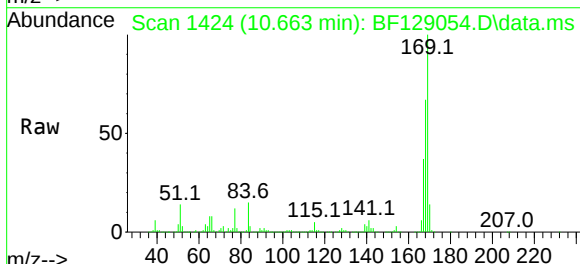
Tgt Ion:198 Resp: 340681
Ion Ratio Lower Upper
198 100
51 41.9 37.6 77.6
105 44.9 27.0 67.0

Manual Integrations
APPROVED

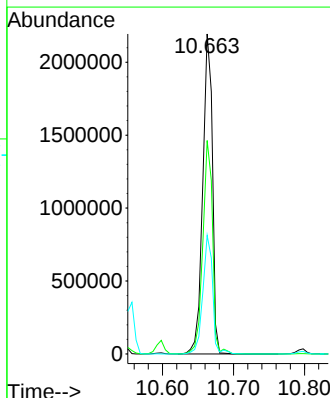
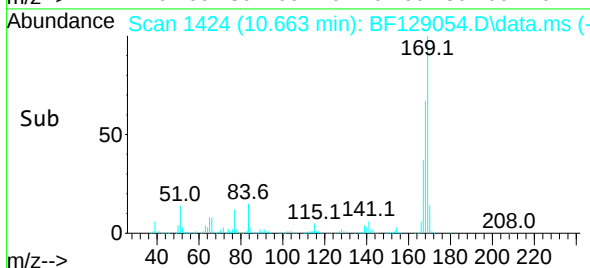
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

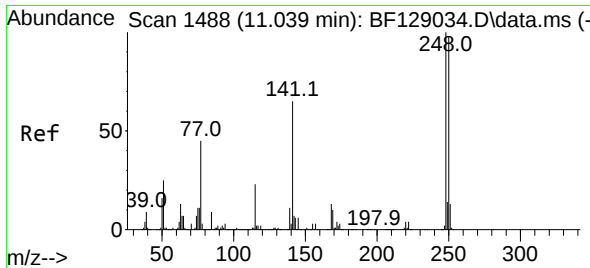


#66
n-Nitrosodiphenylamine
Concen: 41.440 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:169 Resp: 2075350
Ion Ratio Lower Upper
169 100
168 66.7 50.1 75.1
167 37.0 27.9 41.9





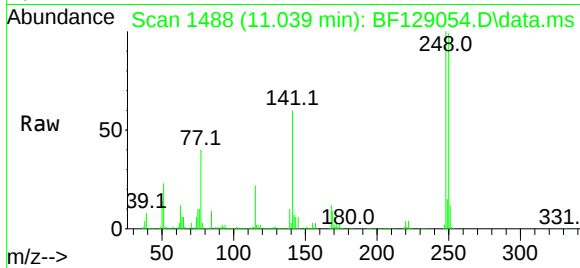
#67
4-Bromophenyl-phenylether
Concen: 41.358 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

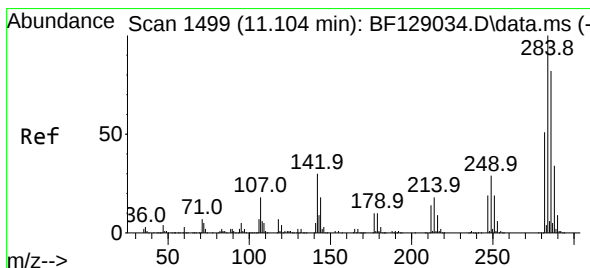
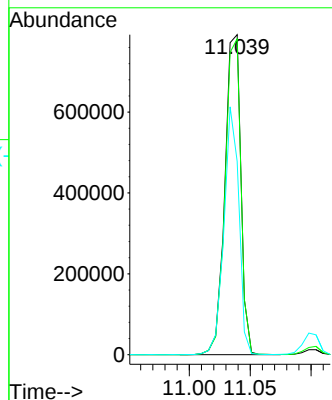
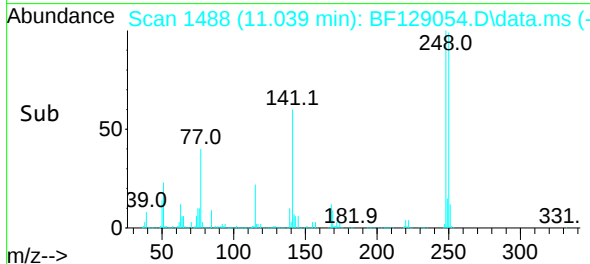


Tgt Ion:248 Resp: 725440
Ion Ratio Lower Upper
248 100
250 98.7 80.6 120.8
141 60.4 58.9 88.3

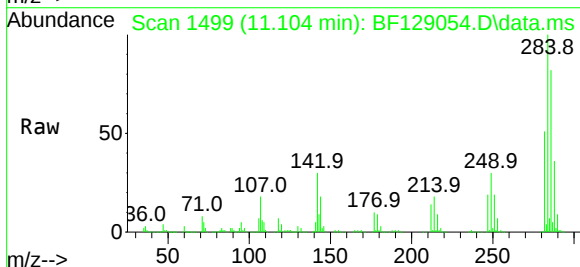
Manual Integrations

APPROVED

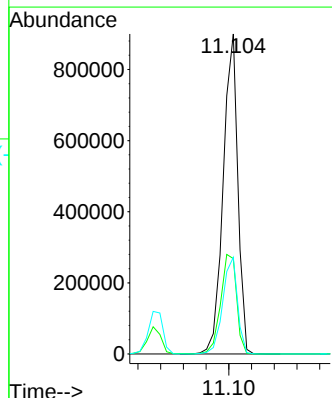
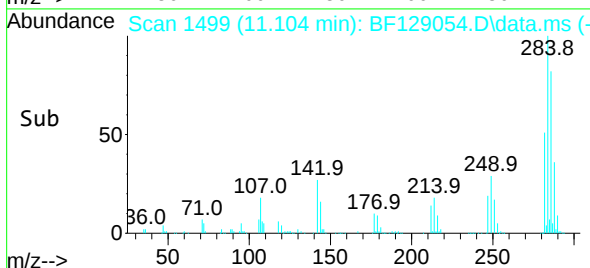
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

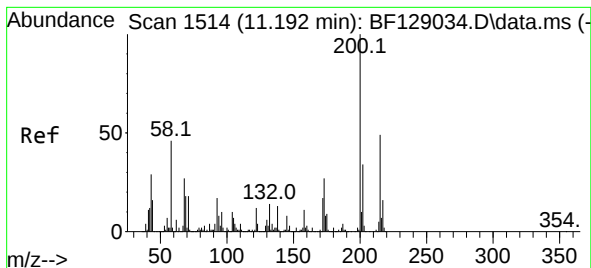


#68
Hexachlorobenzene
Concen: 41.319 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:284 Resp: 807040
Ion Ratio Lower Upper
284 100
142 29.8 29.0 43.4
249 30.2 25.0 37.6





#69

Atrazine

Concen: 46.115 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

Tgt Ion:200 Resp: 64986

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

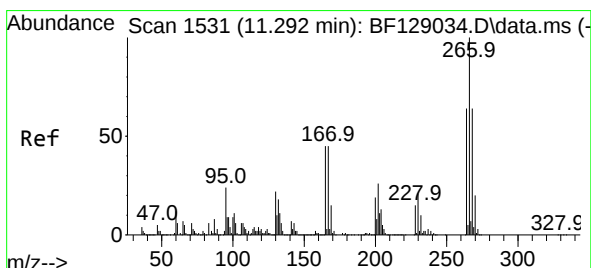
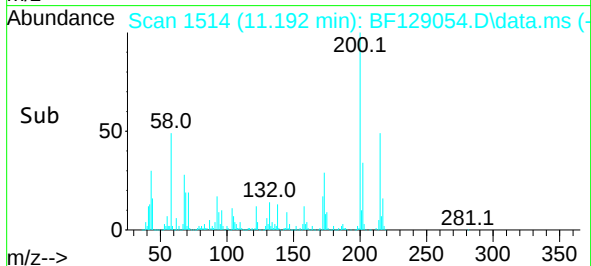
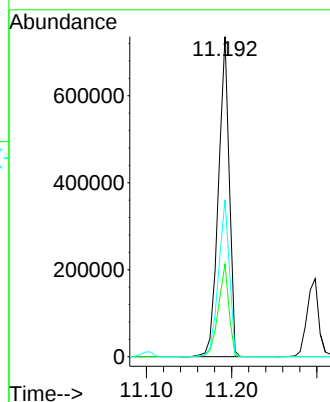
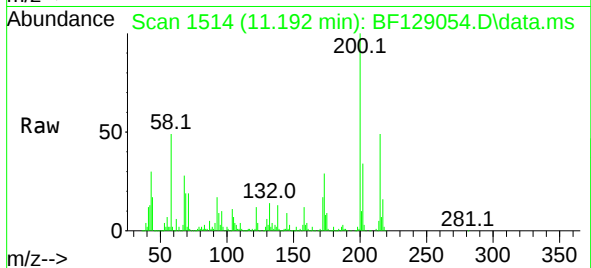
215 49.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 85.646 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

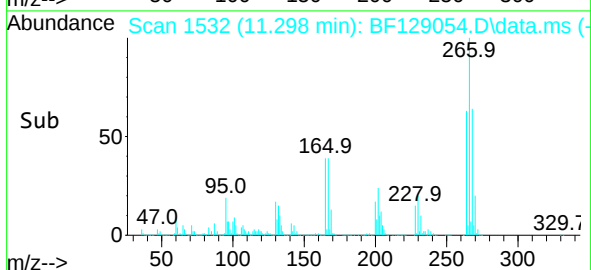
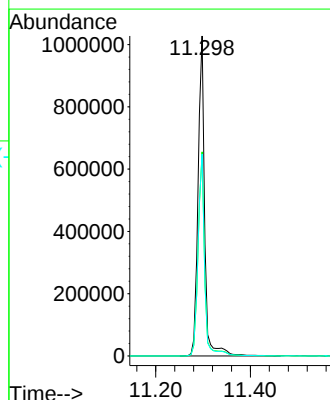
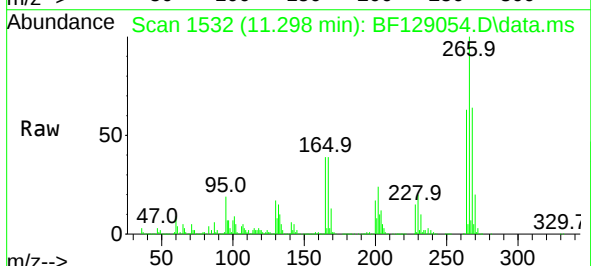
Tgt Ion:266 Resp: 996382

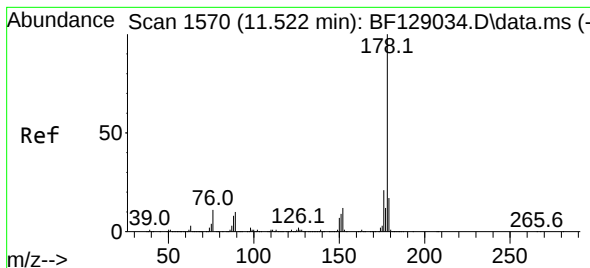
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

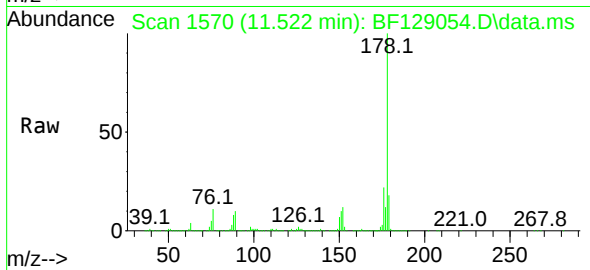
264 63.1 49.4 74.2





#71
Phenanthrene
Concen: 40.134 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

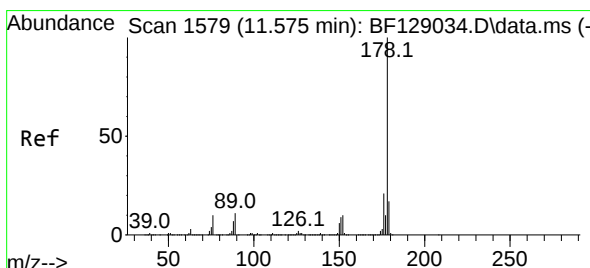
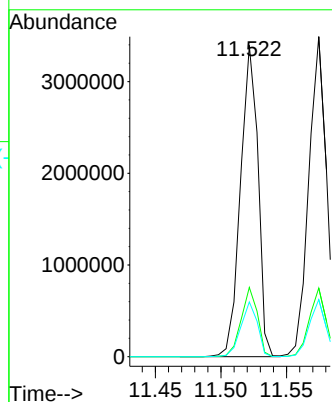
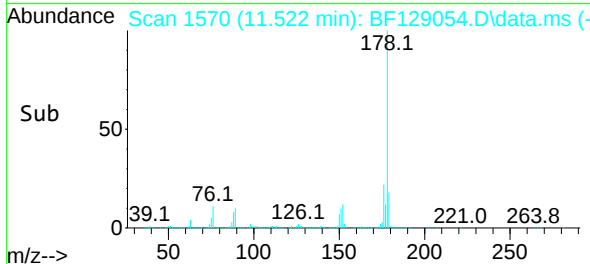
Instrument :
BNA_F
ClientSampleId :
PB145921BS



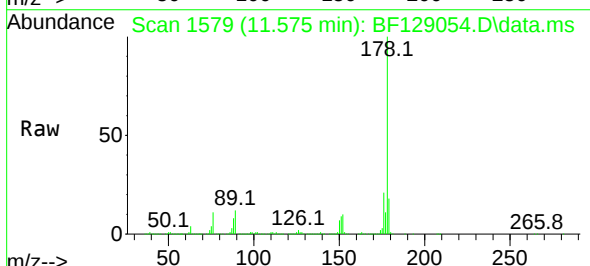
Tgt Ion:178 Resp: 316211
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 17.6 12.6 19.0

Manual Integrations
APPROVED

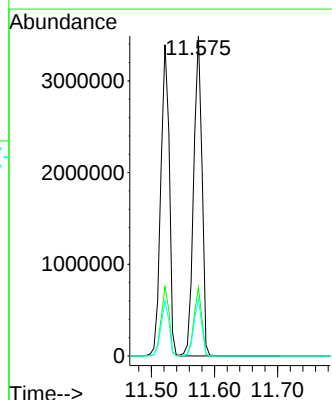
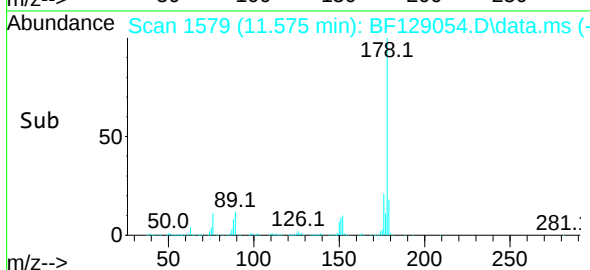
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

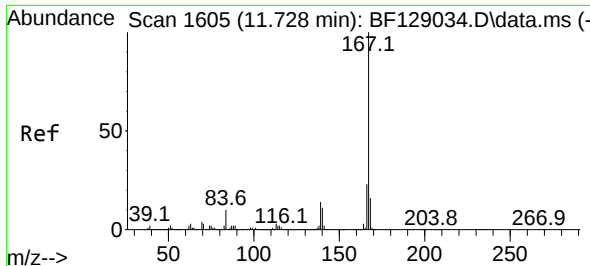


#72
Anthracene
Concen: 41.166 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:178 Resp: 3197755
Ion Ratio Lower Upper
178 100
176 21.5 15.4 23.2
179 17.9 12.6 19.0





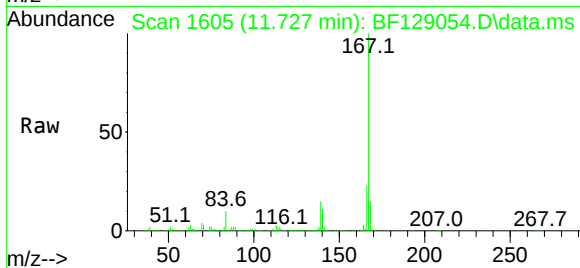
#73
 Carbazole
 Concen: 39.100 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

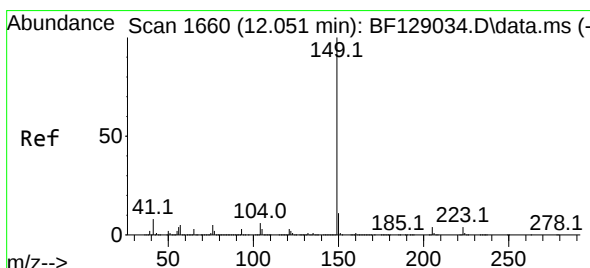
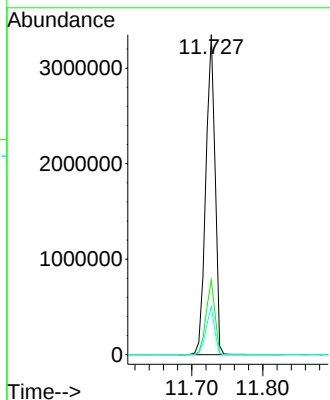
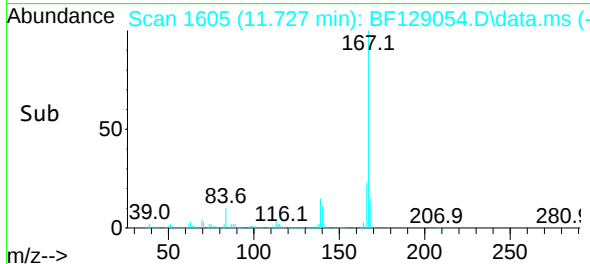


Tgt Ion:167 Resp: 3043464
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.7 26.5
 139 15.0 11.2 16.8

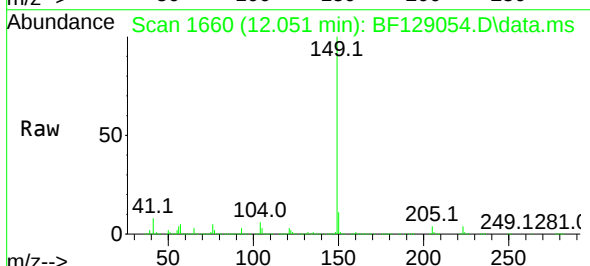
Manual Integrations

APPROVED

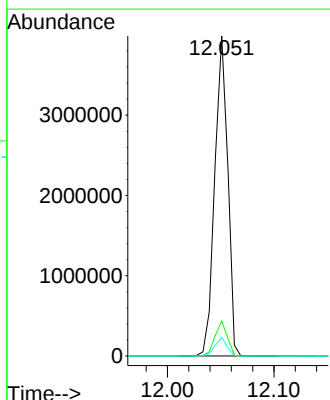
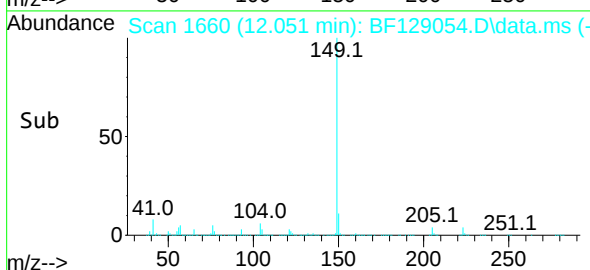
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

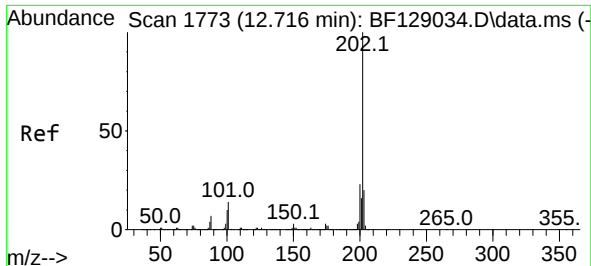


#74
 Di-n-butylphthalate
 Concen: 40.997 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55



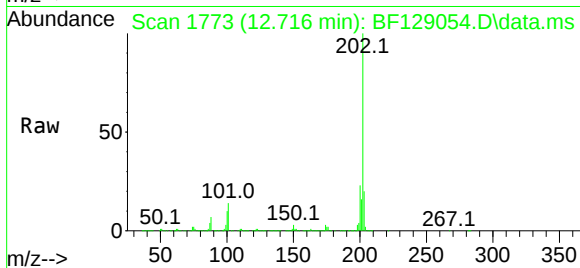
Tgt Ion:149 Resp: 3364616
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.5 11.3
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 40.212 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

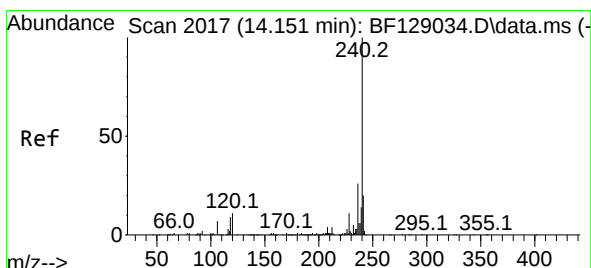
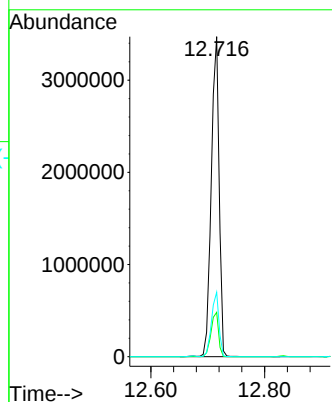
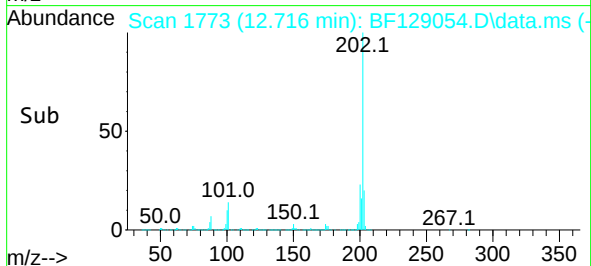
Instrument :
BNA_F
ClientSampleId :
PB145921BS



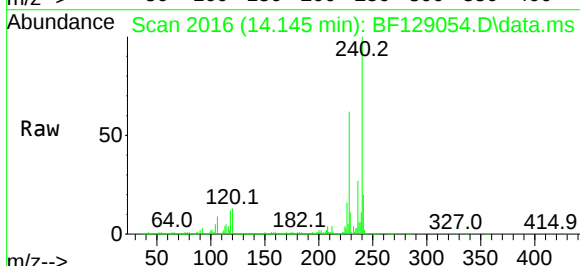
Tgt Ion:202 Resp: 3313380
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.4
203 20.2 0.0 38.0

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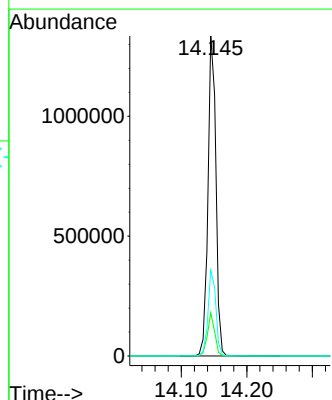
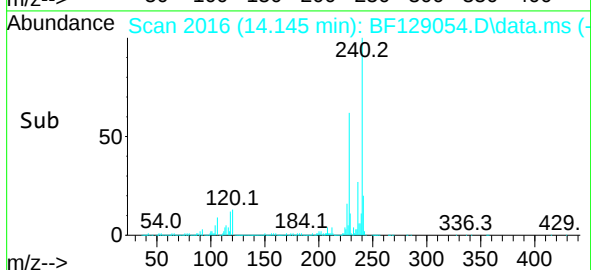
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

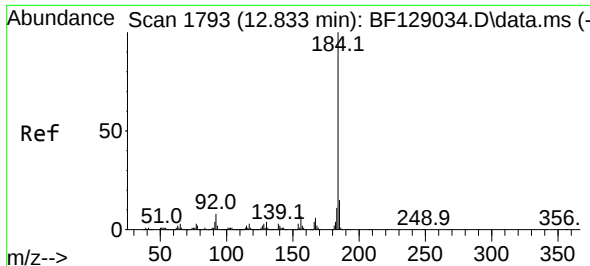


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



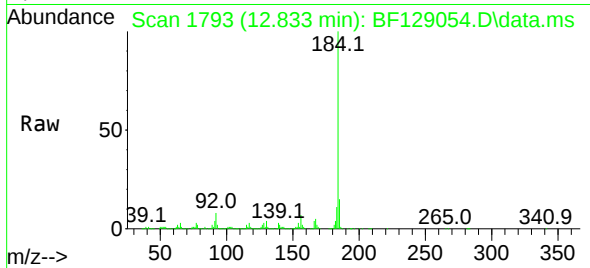
Tgt Ion:240 Resp: 1127372
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 26.8 20.8 31.2





#77
Benzidine
Concen: 58.852 ng
RT: 12.833 min Scan# 1181411
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

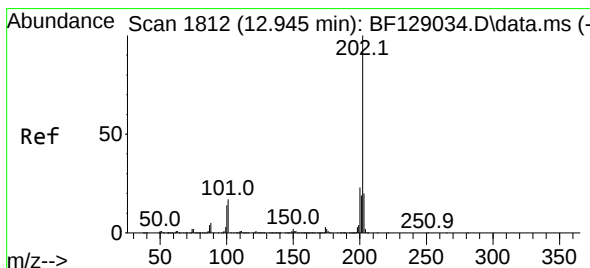
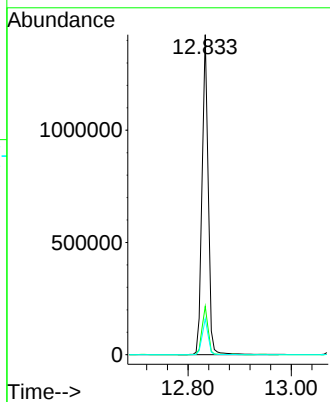
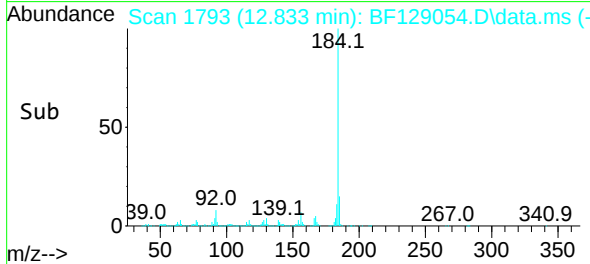
Instrument :
BNA_F
ClientSampleId :
PB145921BS



Tgt Ion:184 Resp: 1181411
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.2 9.3 13.9

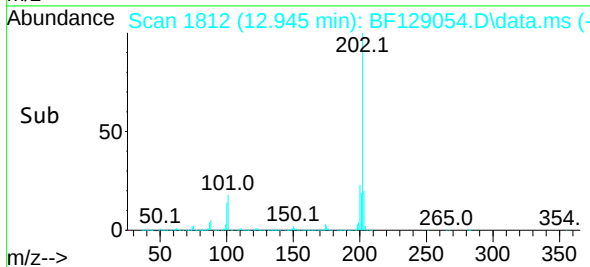
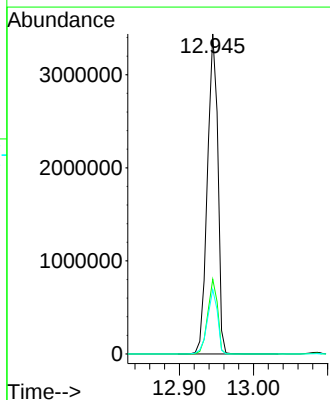
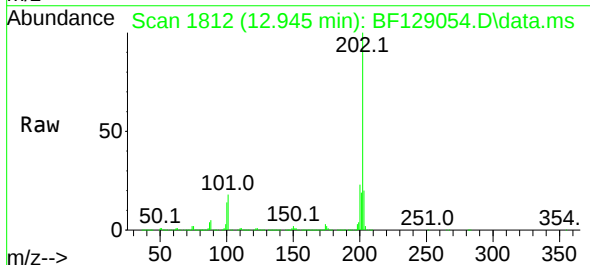
Manual Integrations
APPROVED

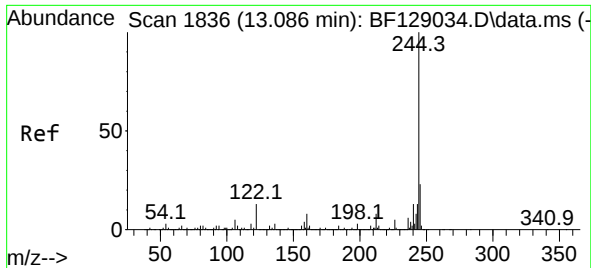
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#78
Pyrene
Concen: 43.120 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Tgt Ion:202 Resp: 3369611
Ion Ratio Lower Upper
202 100
200 23.3 17.7 26.5
203 20.1 14.6 21.8





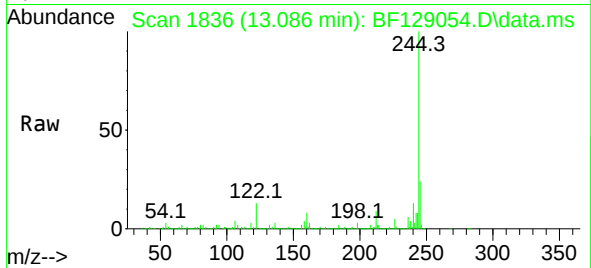
#79
 Terphenyl-d14
 Concen: 81.258 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

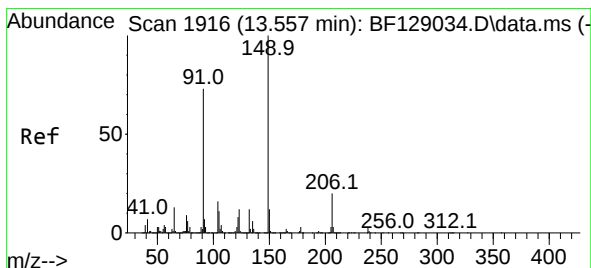
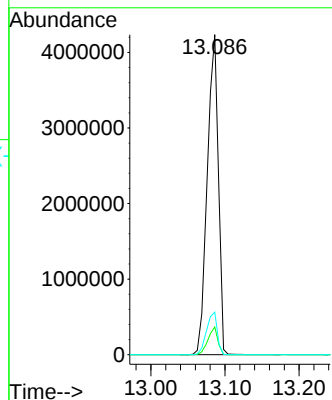
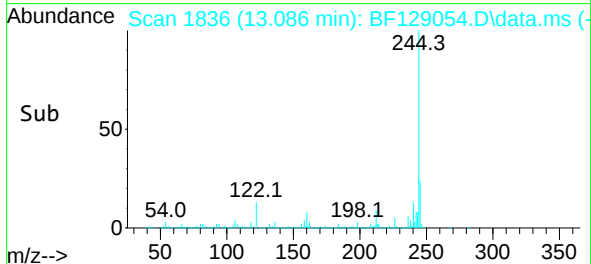


Tgt Ion:244 Resp: 441137
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 13.3 8.8 13.2

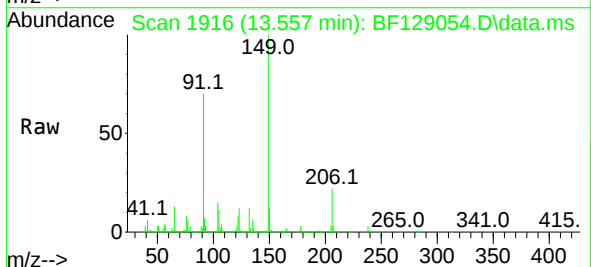
Manual Integrations

APPROVED

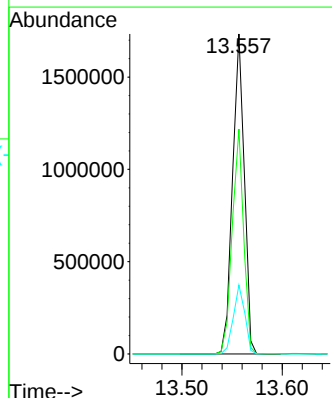
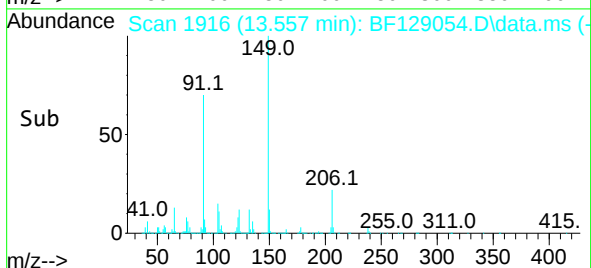
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

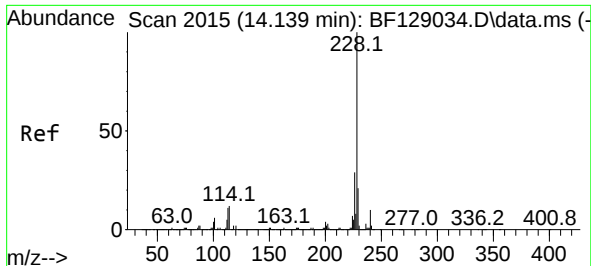


#80
 Butylbenzylphthalate
 Concen: 44.031 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129054.D
 Acq: 30 Jun 2022 12:55



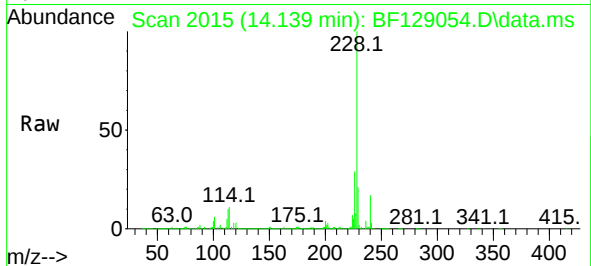
Tgt Ion:149 Resp: 1401721
 Ion Ratio Lower Upper
 149 100
 91 70.3 61.2 91.8
 206 21.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 41.536 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

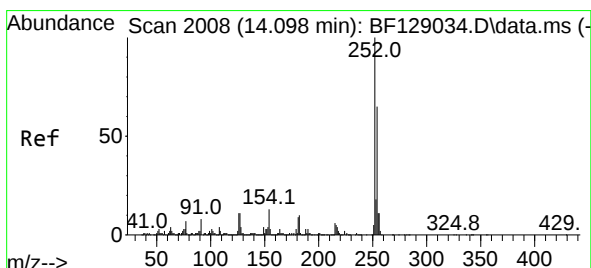
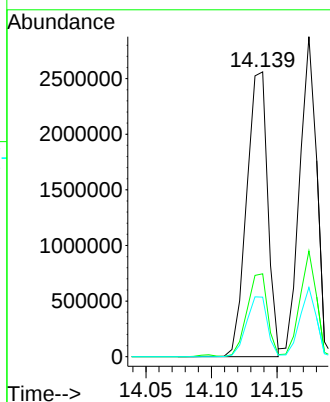
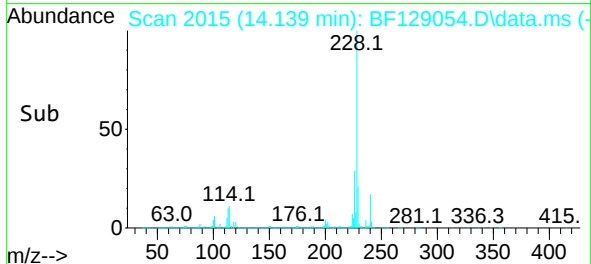
Instrument :
BNA_F
ClientSampleId :
PB145921BS



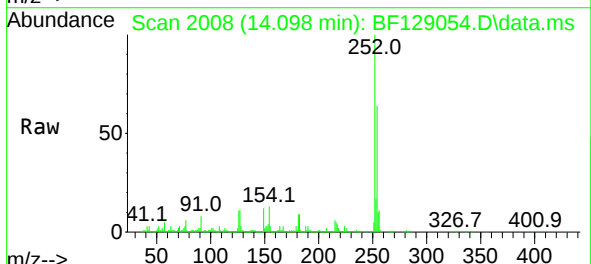
Tgt Ion:228 Resp: 2859149
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 20.9 15.8 23.8

Manual Integrations
APPROVED

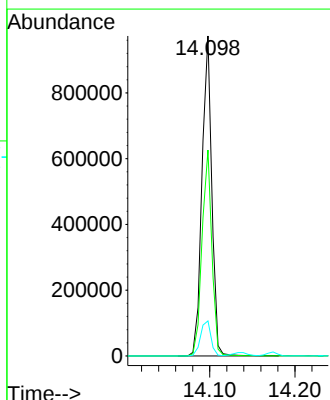
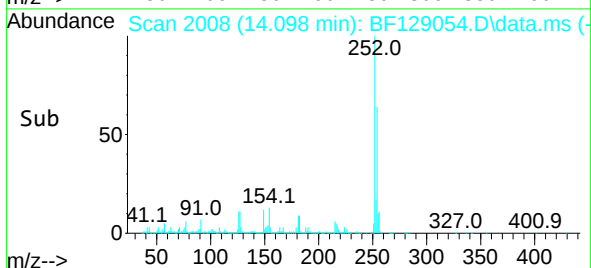
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

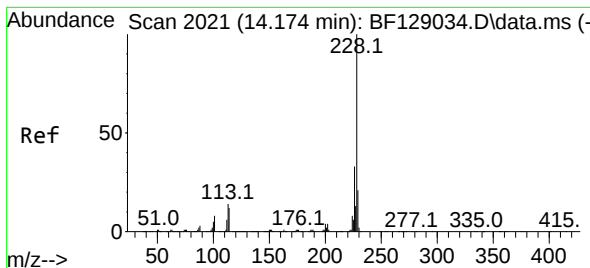


#82
3,3'-Dichlorobenzidine
Concen: 52.366 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:252 Resp: 778864
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.4
126 11.0 8.2 12.4





#83

Chrysene

Concen: 40.681 ng

RT: 14.174 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB145921BS

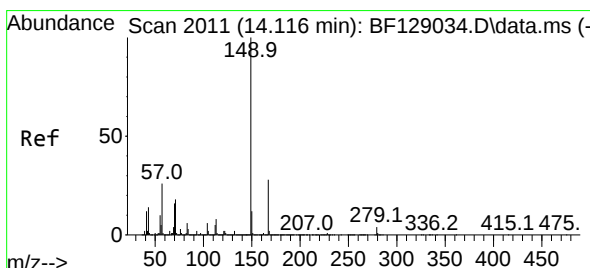
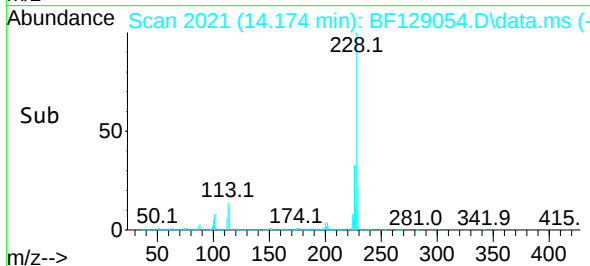
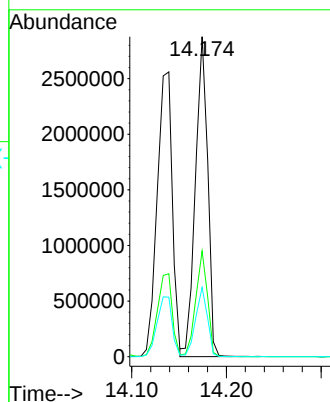
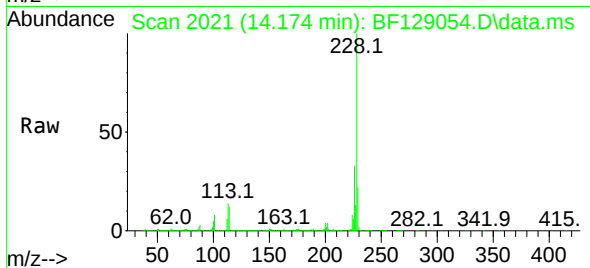
Tgt Ion:228 Resp: 259967

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.3	36.5
229	21.7	15.9	23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.193 ng

RT: 14.110 min Scan# 2010

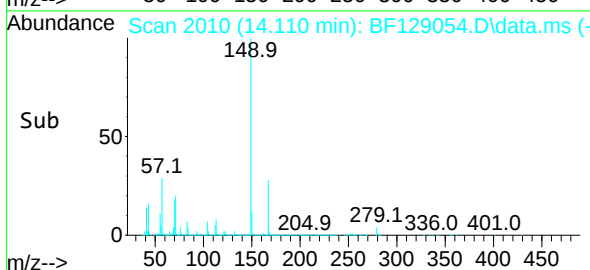
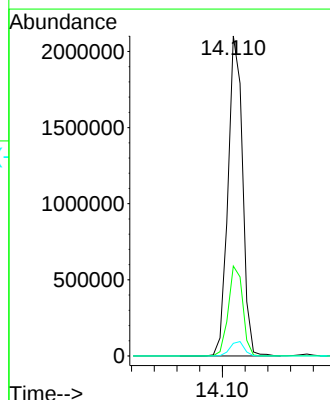
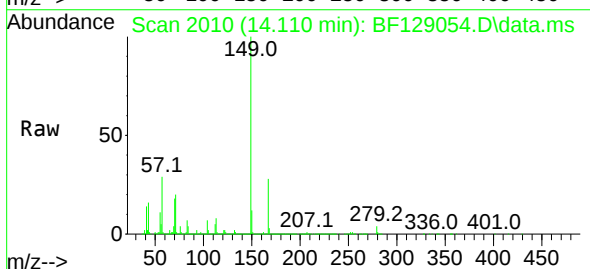
Delta R.T. -0.006 min

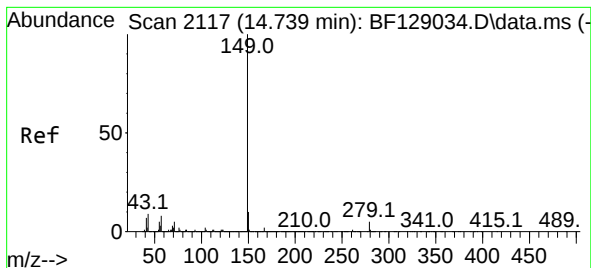
Lab File: BF129054.D

Acq: 30 Jun 2022 12:55

Tgt Ion:149 Resp: 1869754

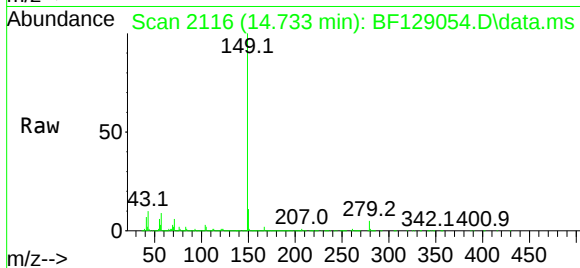
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.0	31.4
279	4.0	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.168 ng
RT: 14.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

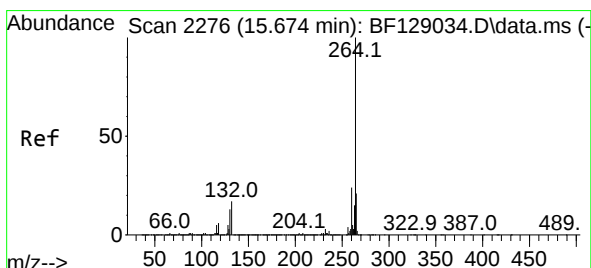
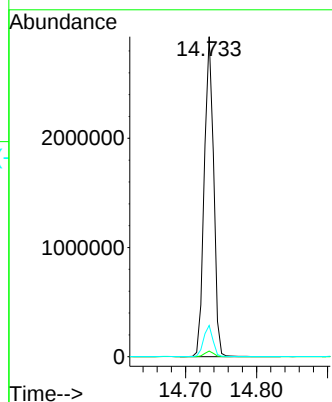
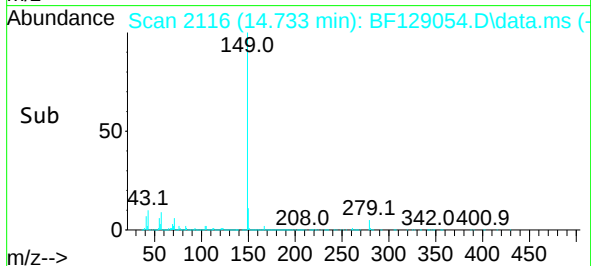
Instrument :
BNA_F
ClientSampleId :
PB145921BS



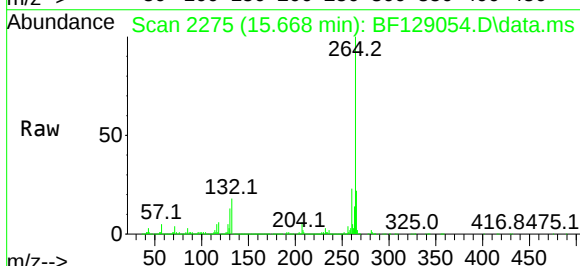
Tgt Ion:149 Resp: 2696111
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 9.2 13.8

Manual Integrations
APPROVED

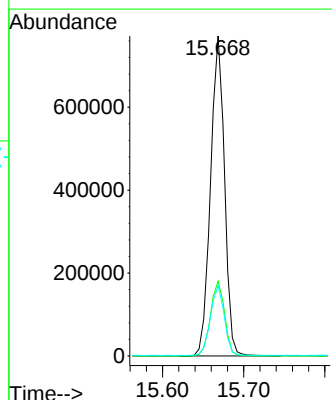
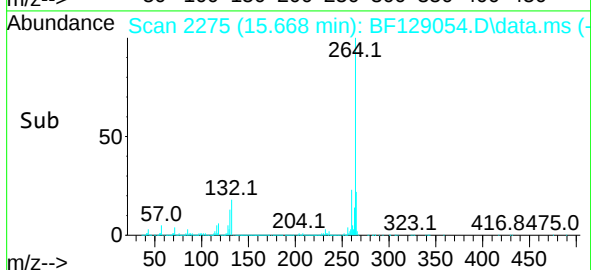
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

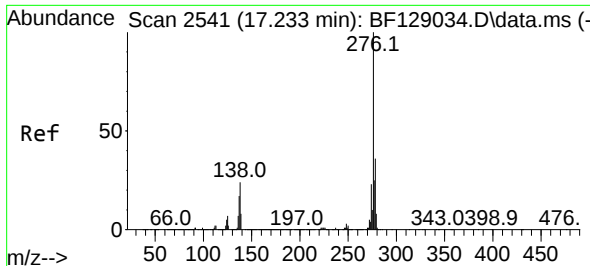


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:264 Resp: 920139
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.657 ng
RT: 17.227 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

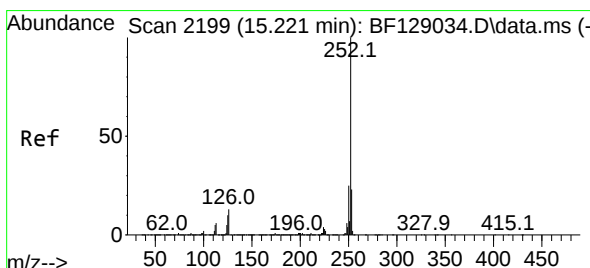
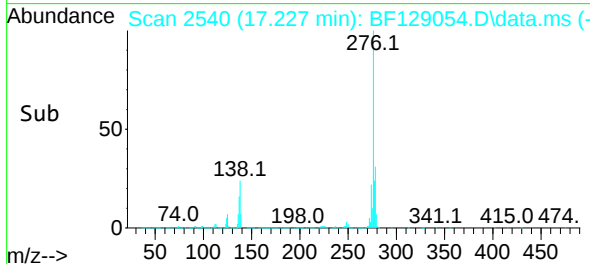
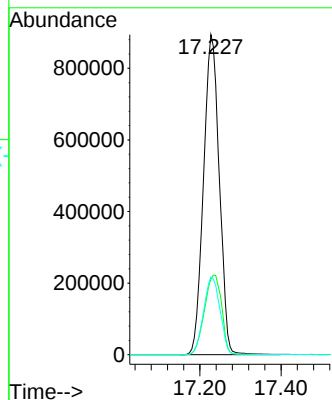
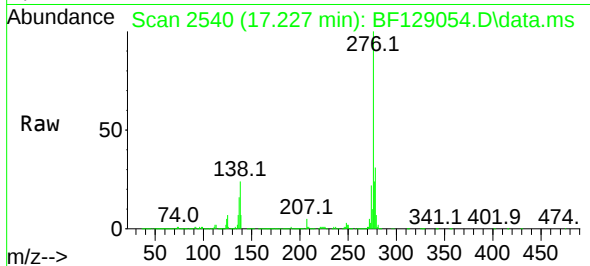
ClientSampleId :

PB145921BS

Tgt Ion:276 Resp: 240729
Ion Ratio Lower Upper
276 100
138 27.1 21.1 31.7
277 25.3 20.3 30.5

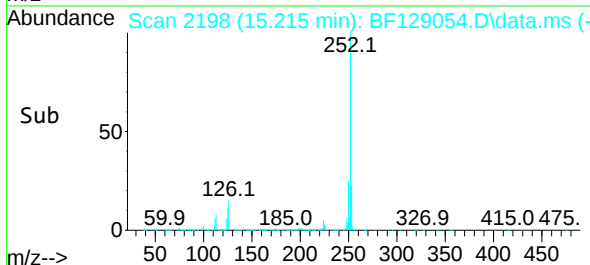
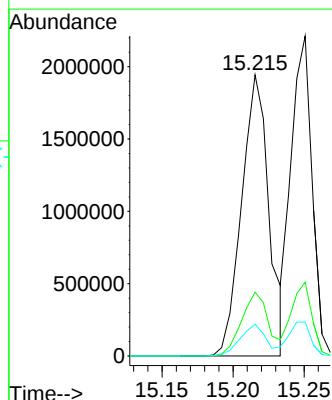
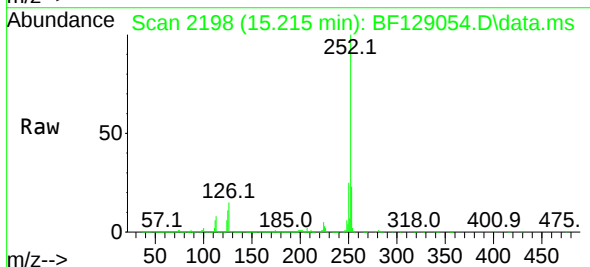
Manual Integrations
APPROVED

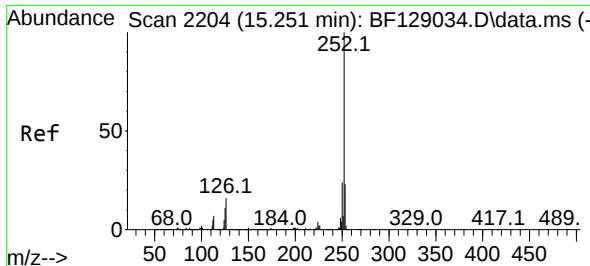
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#88
Benzo(b)fluoranthene
Concen: 46.917 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

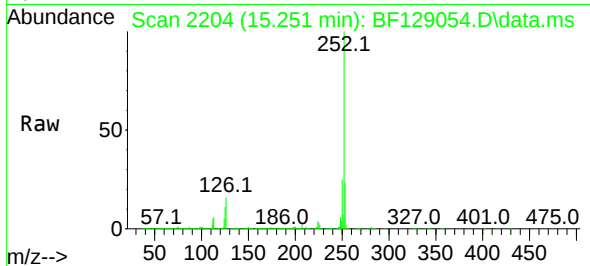
Tgt Ion:252 Resp: 2596253
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 42.458 ng
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

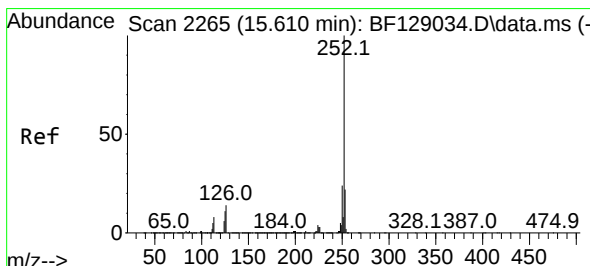
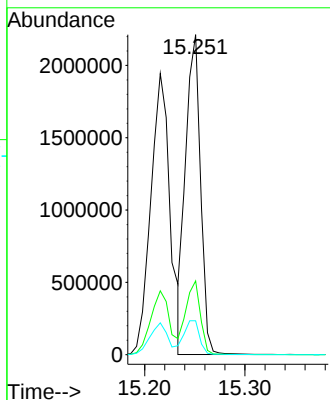
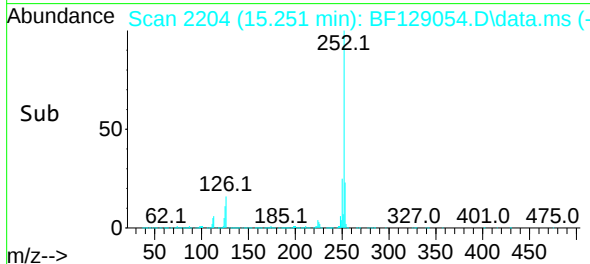
Instrument :
BNA_F
ClientSampleId :
PB145921BS



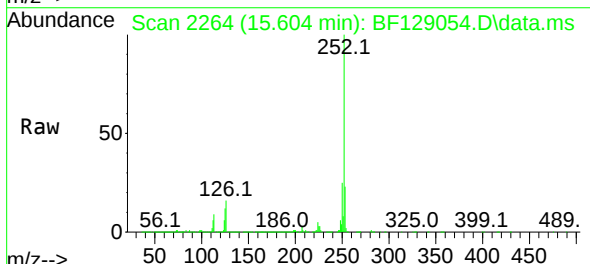
Tgt Ion:252 Resp: 2278809
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 10.6 8.3 12.5

Manual Integrations
APPROVED

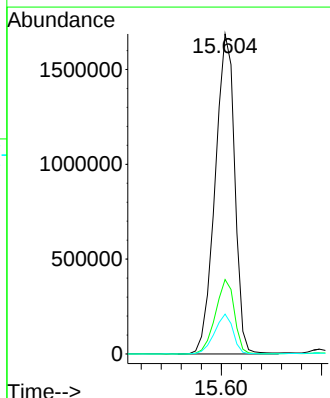
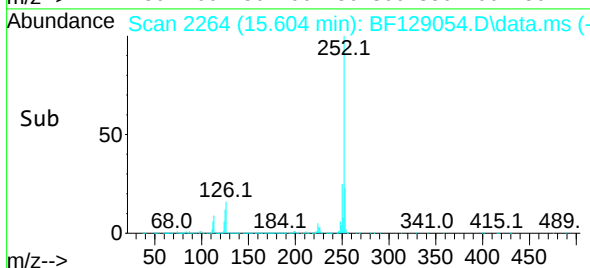
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

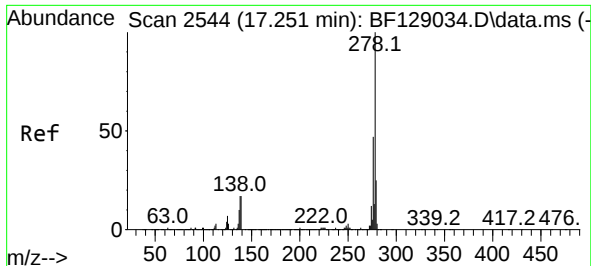


#90
Benzo(a)pyrene
Concen: 50.695 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion:252 Resp: 2286889
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 12.4 8.8 13.2





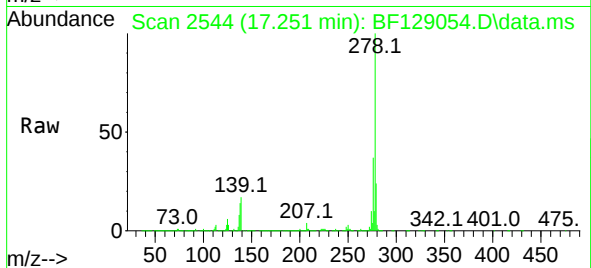
#91
Dibenzo(a,h)anthracene
Concen: 45.442 ng
RT: 17.251 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55

Instrument :

BNA_F

ClientSampleId :

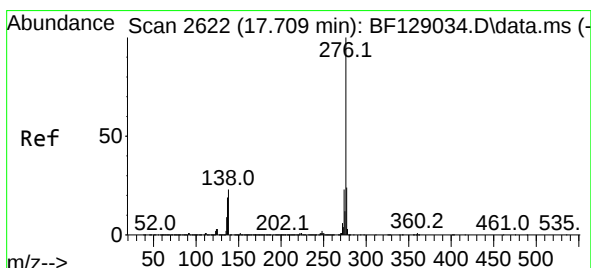
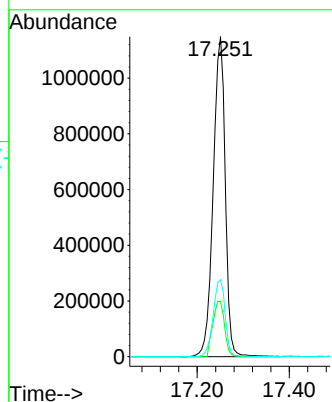
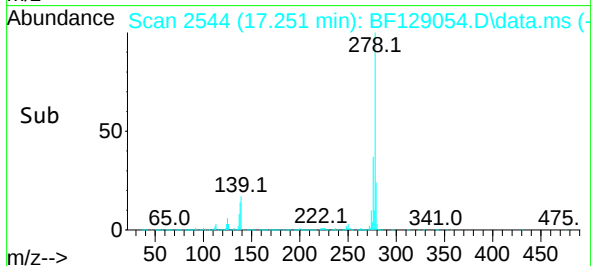
PB145921BS



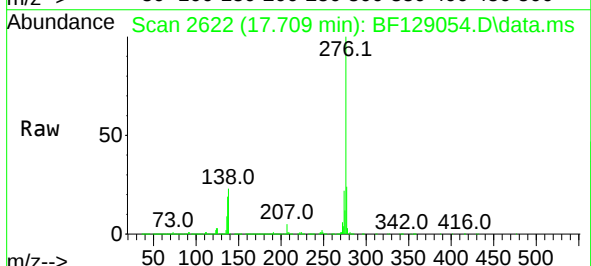
Tgt Ion: 278 Resp: 2090520
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.227 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129054.D
Acq: 30 Jun 2022 12:55



Tgt Ion: 276 Resp: 2087463
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 22.6 18.0 27.0

