

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129052.D
 Acq On : 30 Jun 2022 11:56
 Operator : CG\JU
 Sample : PB145848BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145848BS

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 05:41:16 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	465019	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1781871	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	920947	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1624518	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1112916	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	900459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2889225	105.041	ng	0.01
7) Phenol-d6	6.587	99	3577622	104.728	ng	0.00
23) Nitrobenzene-d5	7.528	82	2274704	76.144	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1122752	112.119	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	3957885	68.753	ng	0.00
79) Terphenyl-d14	13.086	244	4336884	80.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	358445	29.230	ng	89
3) Pyridine	3.710	79	917563	30.639	ng	88
4) n-Nitrosodimethylamine	3.628	42	538975	39.723	ng	81
6) Aniline	6.628	93	1406136	36.805	ng	96
8) 2-Chlorophenol	6.745	128	1224188	42.362	ng	94
9) Benzaldehyde	6.510	77	207506	9.611	ng	98
10) Phenol	6.598	94	1436464	41.503	ng	93
11) bis(2-Chloroethyl)ether	6.693	93	1149391	41.957	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1264401	39.746	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1291495	40.250	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1238098	41.047	ng	99
15) Benzyl Alcohol	7.104	79	963885	40.113	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1581300	40.415	ng	92
17) 2-Methylphenol	7.204	107	981540	41.740	ng	97
18) Hexachloroethane	7.475	117	465362	41.311	ng	97
19) n-Nitroso-di-n-propyla...	7.375	70	818134	41.401	ng	89
20) 3+4-Methylphenols	7.357	107	1222121	40.869	ng	# 88
22) Acetophenone	7.375	105	1628280	39.834	ng	# 91
24) Nitrobenzene	7.545	77	1226234	42.423	ng	92
25) Isophorone	7.787	82	2210466	43.782	ng	96
26) 2-Nitrophenol	7.857	139	625201	46.540	ng	87
27) 2,4-Dimethylphenol	7.887	122	1143816	47.162	ng	96
28) bis(2-Chloroethoxy)met...	7.987	93	1393356	40.185	ng	99
29) 2,4-Dichlorophenol	8.098	162	1000223	40.434	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1067203	39.204	ng	97
31) Naphthalene	8.269	128	3252268	40.205	ng	98
32) Benzoic acid	8.016	122	799663	41.096	ng	92
33) 4-Chloroaniline	8.310	127	914241	28.048	ng	96
34) Hexachlorobutadiene	8.381	225	635947	39.125	ng	99
35) Caprolactam	8.698	113	321668m	41.007	ng	
36) 4-Chloro-3-methylphenol	8.792	107	1028573	40.924	ng	89
37) 2-Methylnaphthalene	8.957	142	2209918	40.600	ng	99
38) 1-Methylnaphthalene	9.057	142	2125932	40.218	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1030656	39.815	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1288216	94.277	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	713151	40.446	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	766193	40.853	ng	97
46) 1,1'-Biphenyl	9.422	154	2663590	40.230	ng	97
47) 2-Chloronaphthalene	9.445	162	2049683	40.088	ng	99
48) 2-Nitroaniline	9.545	65	602664	44.753	ng #	80
49) Acenaphthylene	9.869	152	3270706	42.099	ng	96
50) Dimethylphthalate	9.722	163	2353267	40.845	ng	98
51) 2,6-Dinitrotoluene	9.786	165	539742	45.845	ng	91
52) Acenaphthene	10.039	154	2229867	44.063	ng	99
53) 3-Nitroaniline	9.957	138	463999	33.049	ng #	86
54) 2,4-Dinitrophenol	10.063	184	578092	89.872	ng #	76
55) Dibenzofuran	10.210	168	2915036	39.559	ng	95
56) 4-Nitrophenol	10.116	139	960975	83.773	ng	92
57) 2,4-Dinitrotoluene	10.192	165	712973	49.054	ng #	82
58) Fluorene	10.557	166	2259759	39.645	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	637868	41.052	ng	100
60) Diethylphthalate	10.422	149	2320473	40.194	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1111228	39.128	ng	98
62) 4-Nitroaniline	10.581	138	583346	41.901	ng	86
63) Azobenzene	10.704	77	2243691	39.668	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	336931	46.880	ng	84
66) n-Nitrosodiphenylamine	10.663	169	2032430	41.195	ng	96
67) 4-Bromophenyl-phenylether	11.039	248	713919	41.314	ng	93
68) Hexachlorobenzene	11.104	284	807942	41.988	ng #	91
69) Atrazine	11.192	200	639761	46.082	ng	99
70) Pentachlorophenol	11.298	266	981806	85.665	ng	99
71) Phenanthrene	11.522	178	3130954	40.337	ng	96
72) Anthracene	11.575	178	3129354	40.892	ng	95
73) Carbazole	11.728	167	2992141	39.020	ng	98
74) Di-n-butylphthalate	12.051	149	3396128	42.004	ng	97
75) Fluoranthene	12.716	202	3258078	40.136	ng	96
77) Benzidine	12.833	184	1185077	59.801	ng	99
78) Pyrene	12.945	202	3320811	43.048	ng	97
80) Butylbenzylphthalate	13.557	149	1380524	43.928	ng	94
81) Benzo(a)anthracene	14.133	228	2814000	41.411	ng	96
82) 3,3'-Dichlorobenzidine	14.098	252	758951	51.690	ng	98
83) Chrysene	14.174	228	2539497	40.255	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	1850096	44.297	ng	97
85) Di-n-octyl phthalate	14.733	149	2656169	43.081	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2372747	42.963	ng	99
88) Benzo(b)fluoranthene	15.216	252	2533705	46.787	ng	98
89) Benzo(k)fluoranthene	15.251	252	2251634	42.868	ng	98
90) Benzo(a)pyrene	15.604	252	2260143	51.197	ng	97
91) Dibenzo(a,h)anthracene	17.251	278	2070614	45.992	ng	96
92) Benzo(g,h,i)perylene	17.709	276	2062505	45.663	ng	99

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

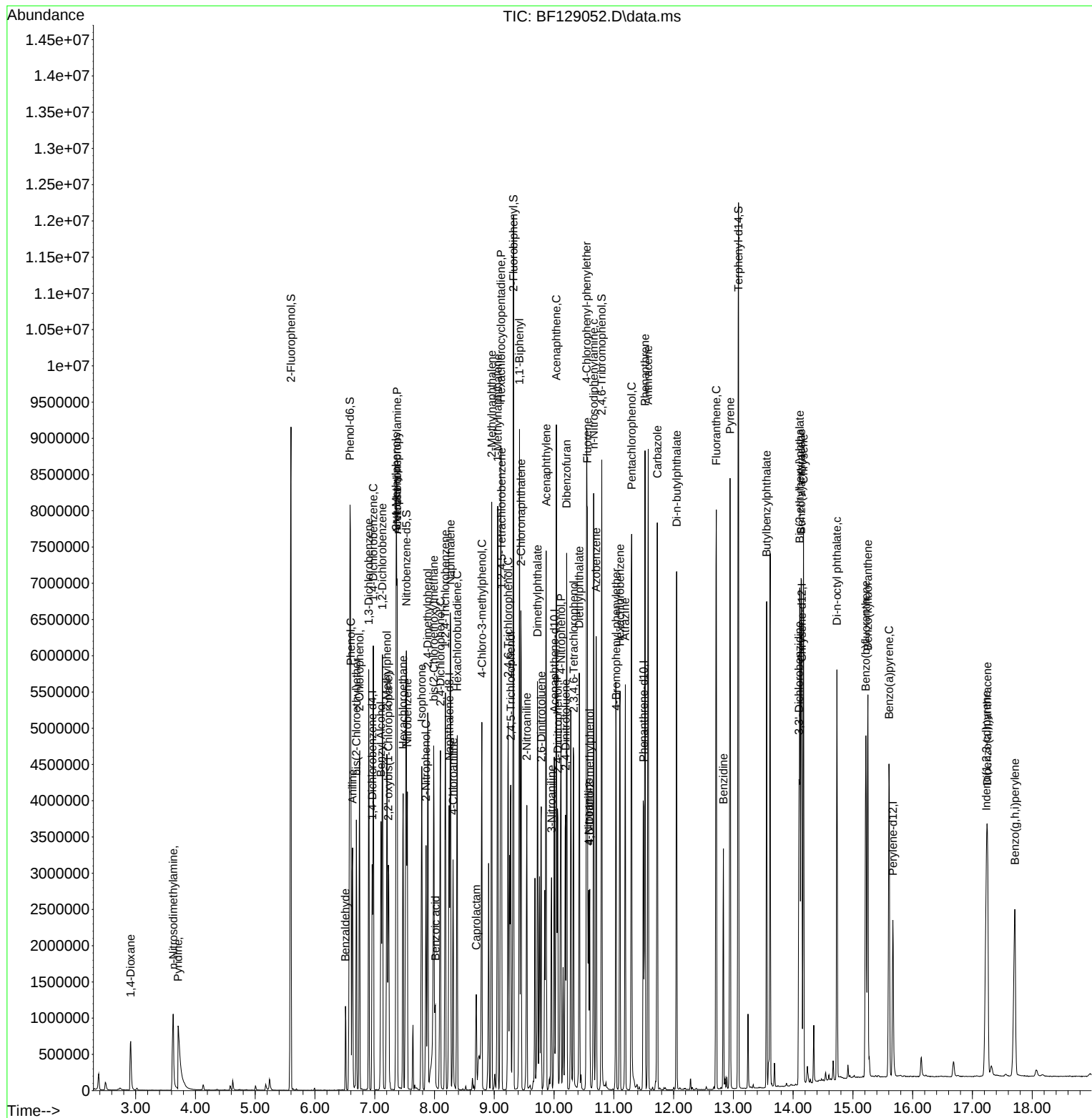
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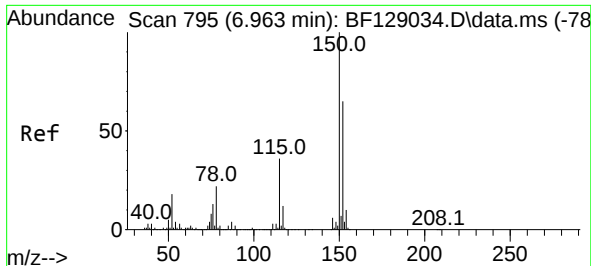
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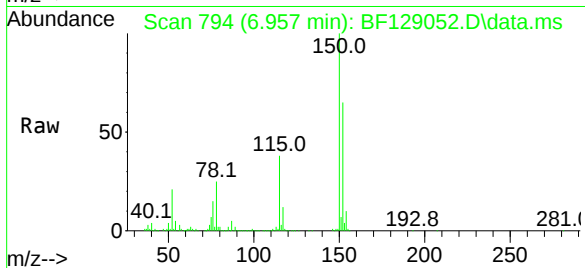
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

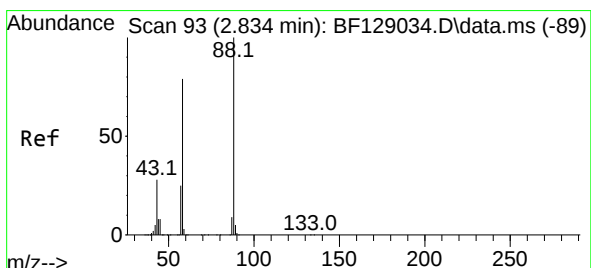
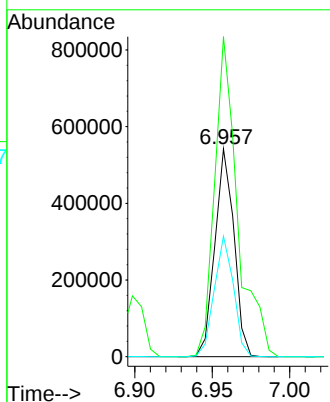
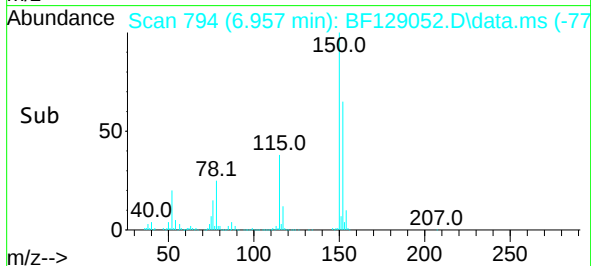


Tgt Ion:152 Resp: 465019
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 58.0 49.9 74.9

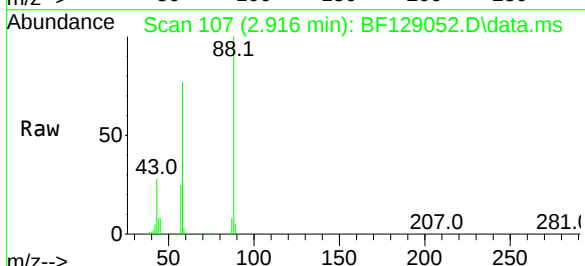
Manual Integrations

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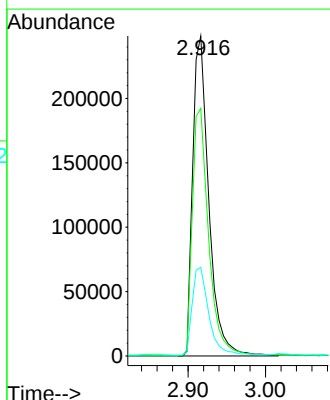
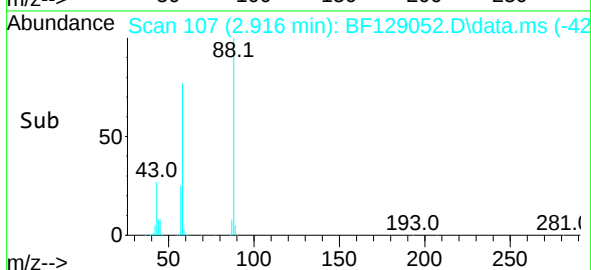
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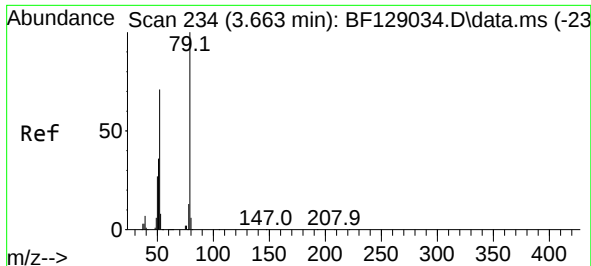


#2
1,4-Dioxane
Concen: 29.230 ng
RT: 2.916 min Scan# 107
Delta R.T. 0.082 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



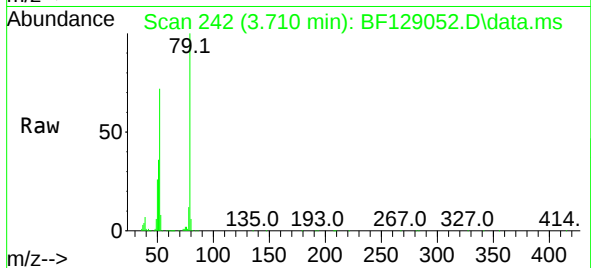
Tgt Ion: 88 Resp: 358445
Ion Ratio Lower Upper
88 100
58 78.3 71.8 107.8
43 28.0 26.6 39.8





#3
Pyridine
Concen: 30.639 ng
RT: 3.710 min Scan# 24
Delta R.T. 0.047 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

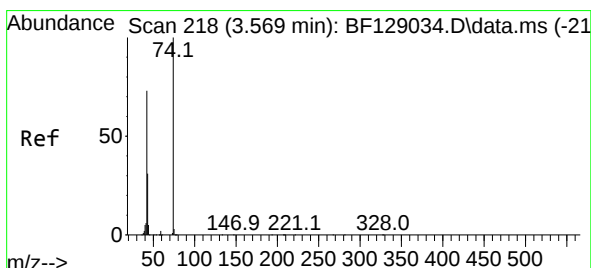
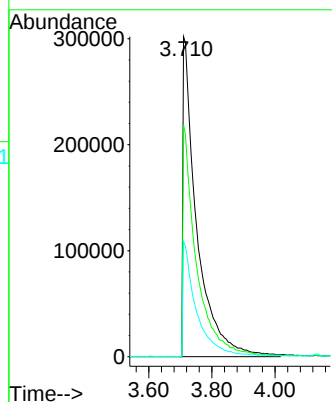
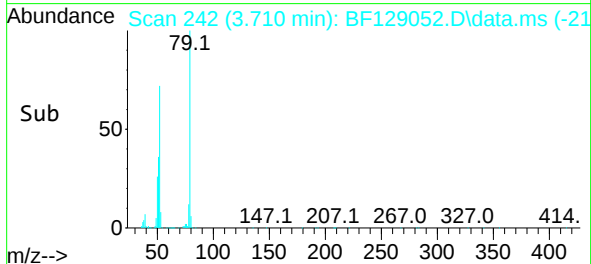
Instrument :
BNA_F
ClientSampleId :
PB145848BS



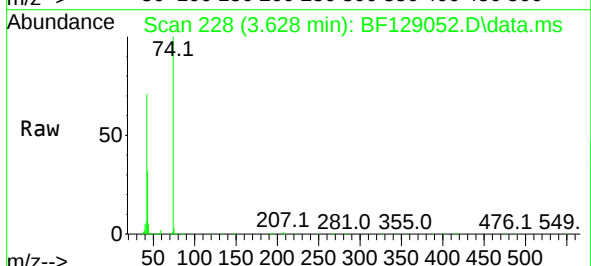
Tgt Ion: 79 Resp: 91756
Ion Ratio Lower Upper
79 100
52 72.4 68.6 102.8
51 35.9 32.9 49.3

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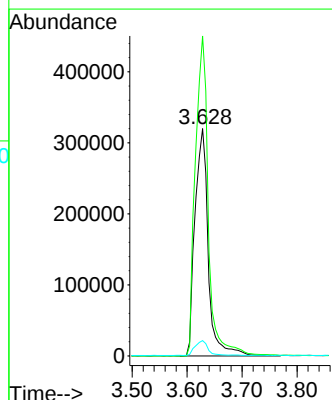
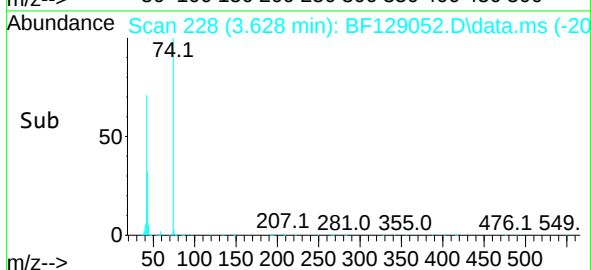
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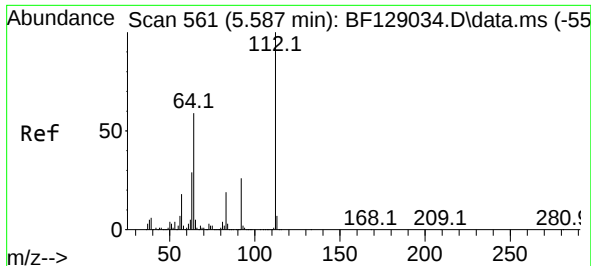


#4
n-Nitrosodimethylamine
Concen: 39.723 ng
RT: 3.628 min Scan# 228
Delta R.T. 0.059 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



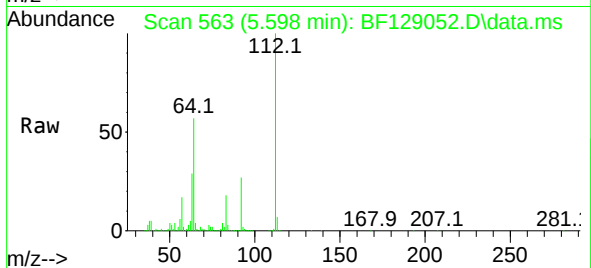
Tgt Ion: 42 Resp: 538975
Ion Ratio Lower Upper
42 100
74 140.8 94.8 142.2
44 6.8 6.6 10.0





#5
2-Fluorophenol
Concen: 105.041 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

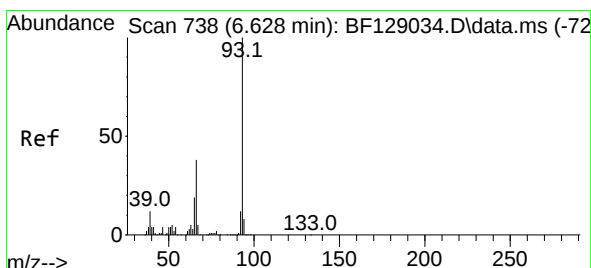
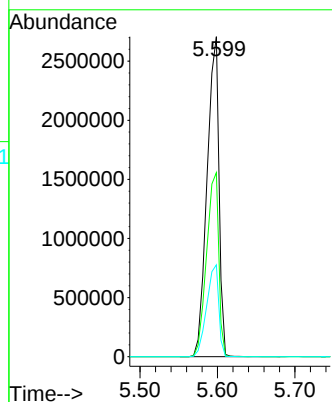
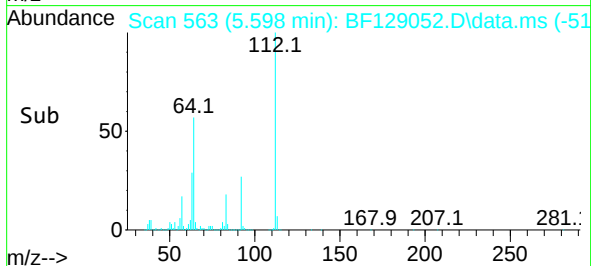
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:112 Resp: 288922
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 28.7 28.0 42.0

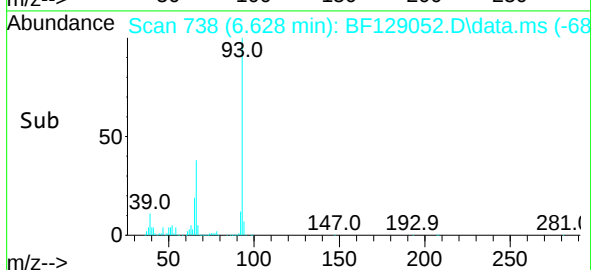
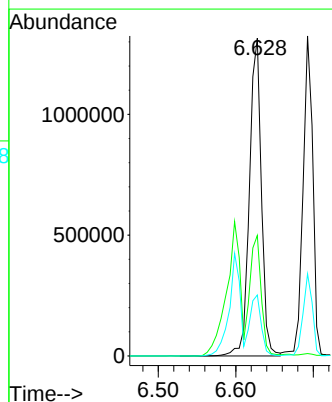
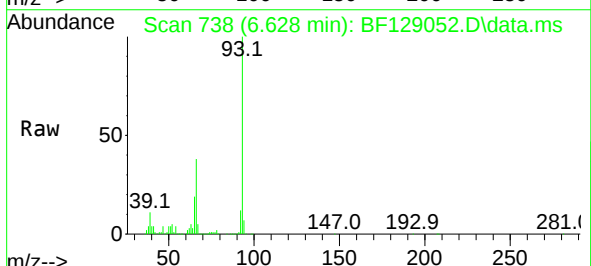
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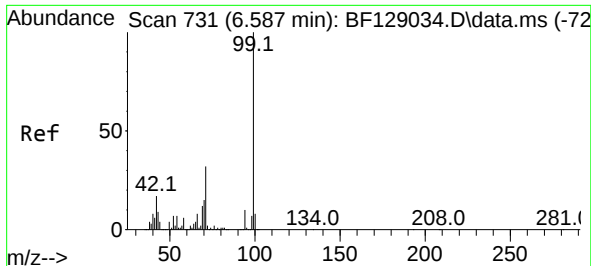
Reviewed By :Christian Giraldo 07/01/2022
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#6
Aniline
Concen: 36.805 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

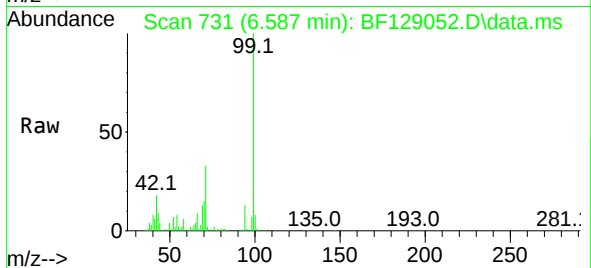
Tgt Ion: 93 Resp: 1406136
Ion Ratio Lower Upper
93 100
66 37.9 32.5 48.7
65 19.2 16.4 24.6





#7
Phenol-d6
Concen: 104.728 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129052.D
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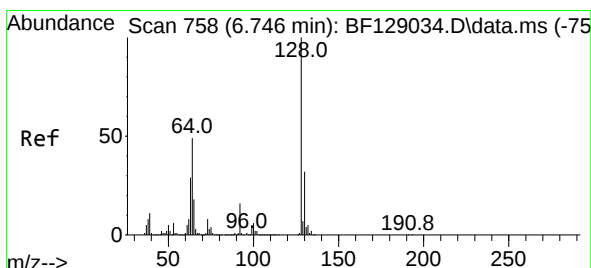
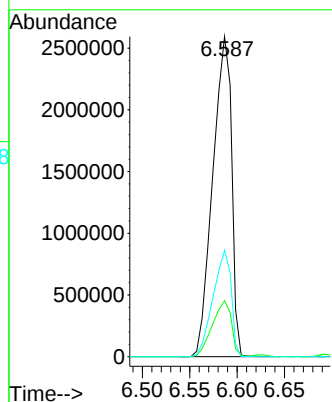
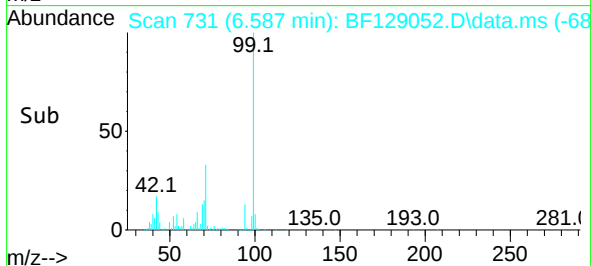
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Tgt Ion: 99 Resp: 357762
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.2 28.9 43.3

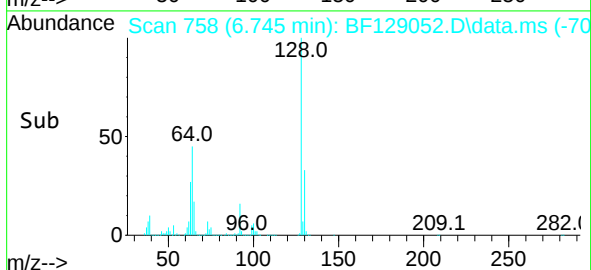
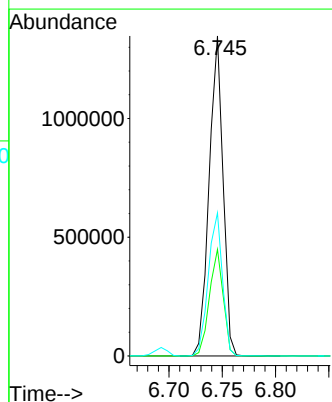
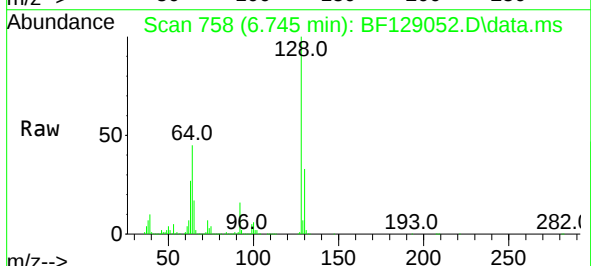
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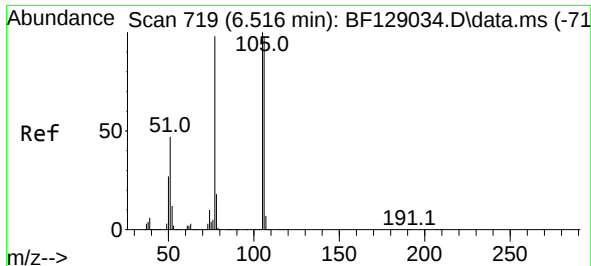
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#8
2-Chlorophenol
Concen: 42.362 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

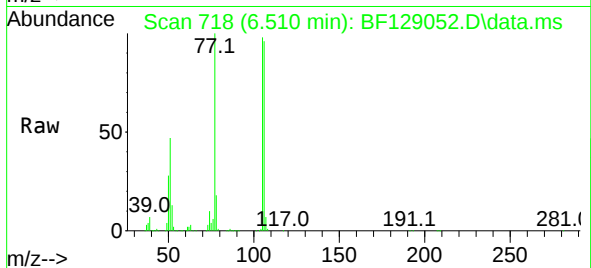
Tgt Ion:128 Resp: 1224188
Ion Ratio Lower Upper
128 100
130 33.3 13.1 53.1
64 44.7 30.9 70.9





#9
Benzaldehyde
Concen: 9.611 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129052.D
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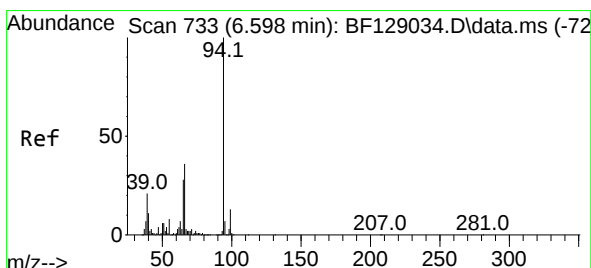
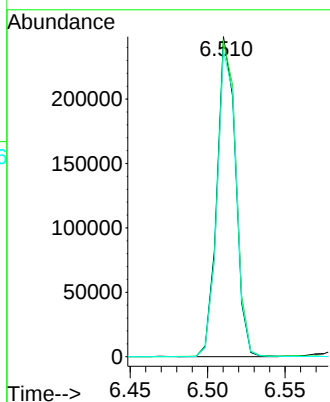
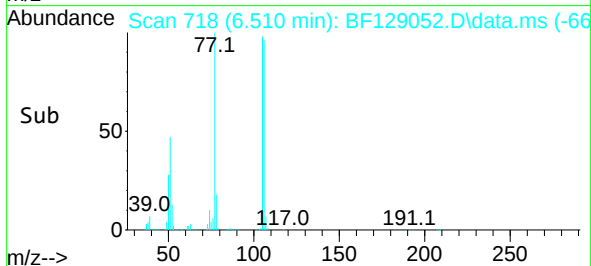
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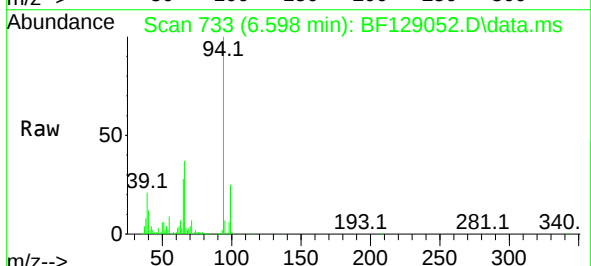
Tgt Ion: 77 Resp: 207500
Ion Ratio Lower Upper
77 100
105 98.5 81.6 121.6
106 95.6 76.1 116.1

Manual Integrations
APPROVED

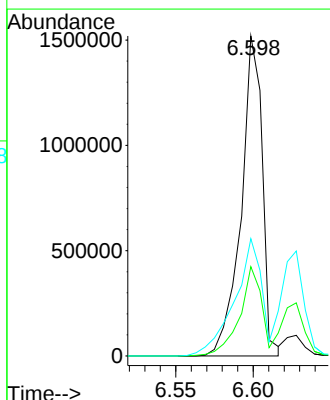
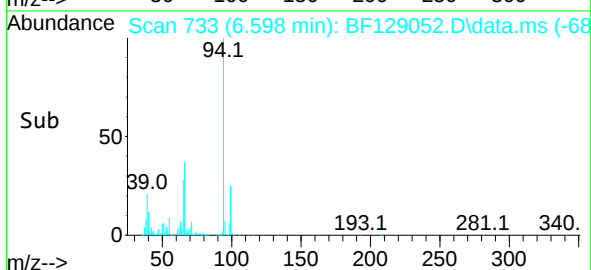
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

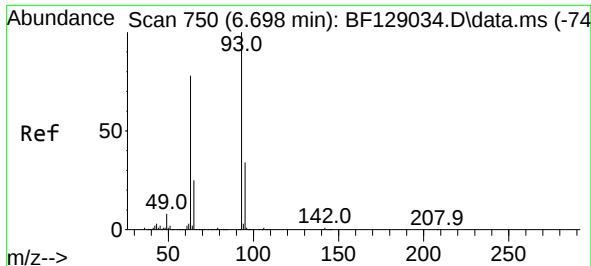


#10
Phenol
Concen: 41.503 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



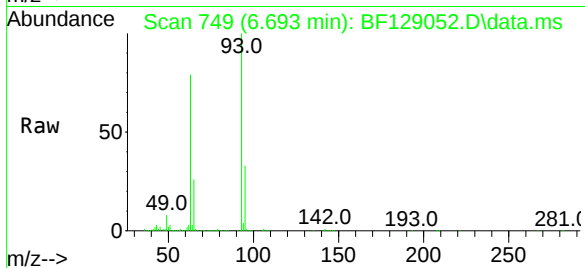
Tgt Ion: 94 Resp: 1436464
Ion Ratio Lower Upper
94 100
65 27.9 11.4 51.4
66 36.6 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 41.957 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

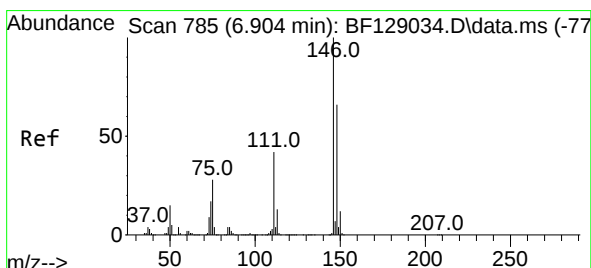
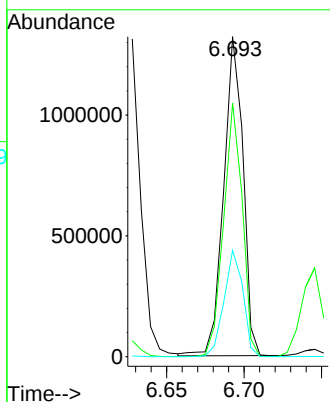
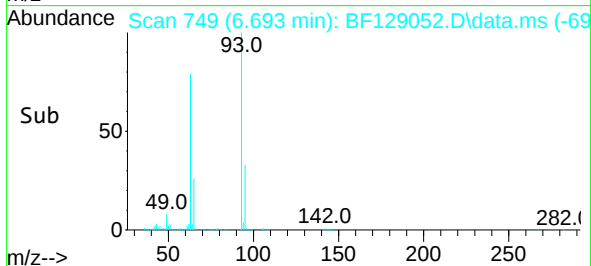
Instrument :
BNA_F
ClientSampleId :
PB145848BS



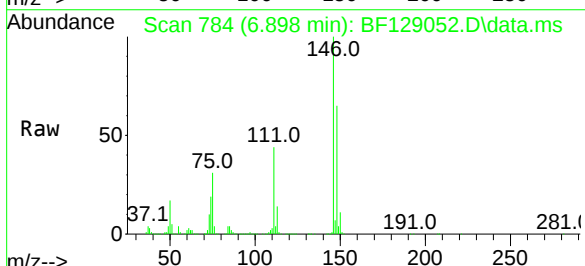
Tgt Ion: 93 Resp: 114939
Ion Ratio Lower Upper
93 100
63 79.3 67.4 107.4
95 33.3 12.7 52.7

Manual Integrations
APPROVED

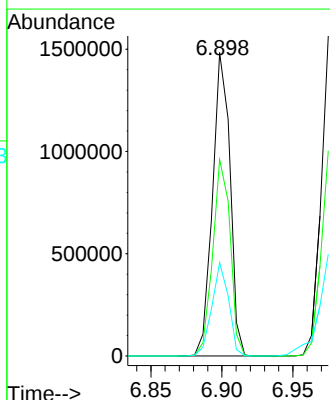
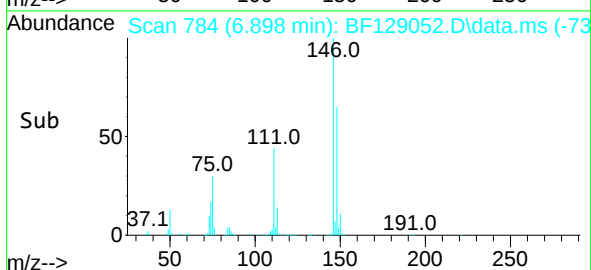
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

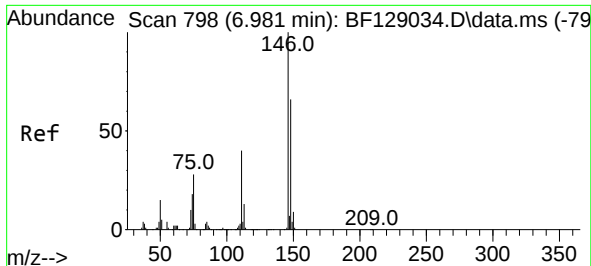


#12
1,3-Dichlorobenzene
Concen: 39.746 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:146 Resp: 1264401
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
75 30.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.250 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

Tgt Ion:146 Resp: 129149

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

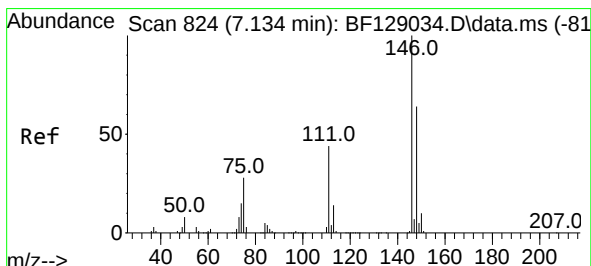
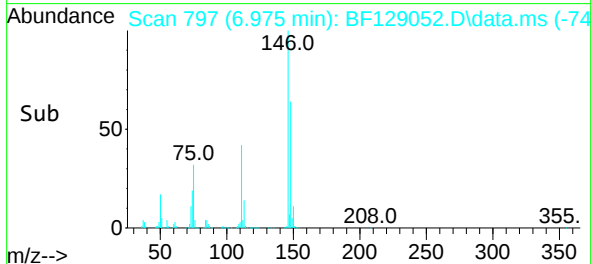
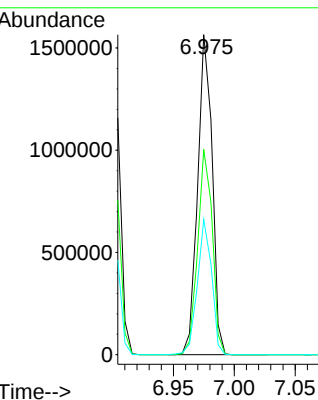
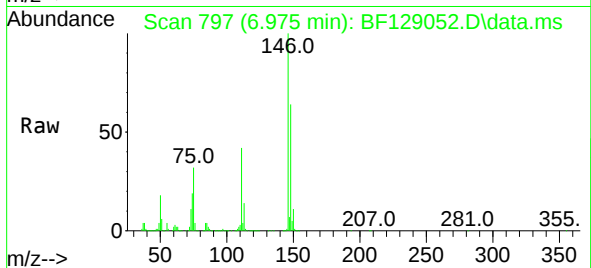
111 42.2 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 41.047 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

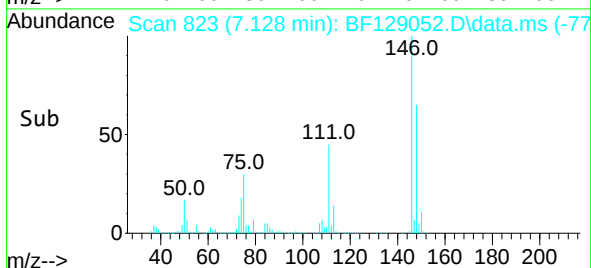
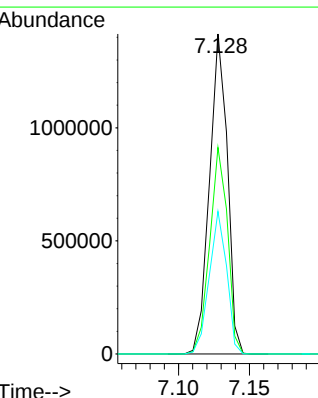
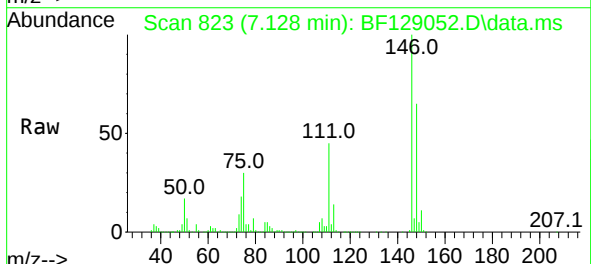
Tgt Ion:146 Resp: 1238098

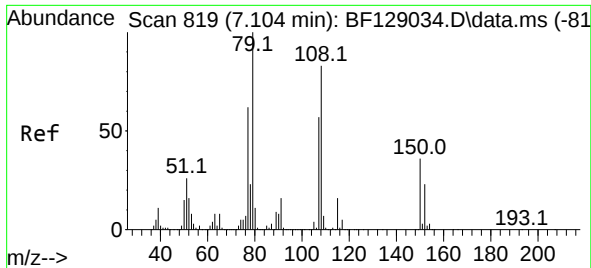
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

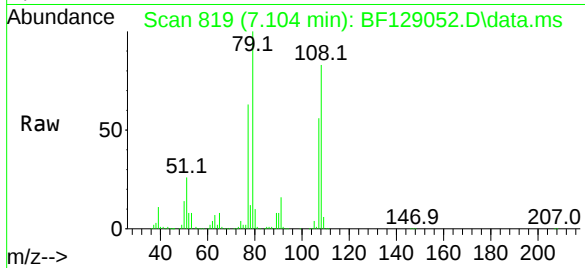
111 44.5 35.1 52.7





#15
Benzyl Alcohol
Concen: 40.113 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

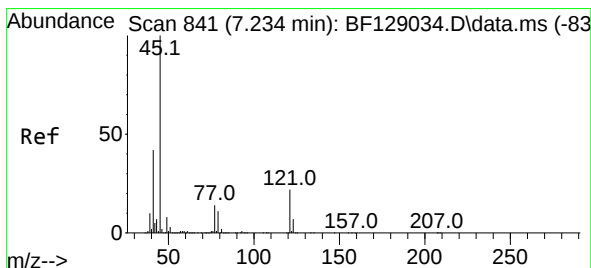
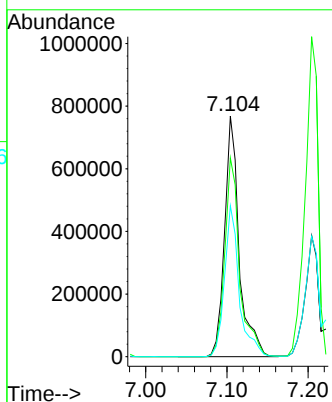
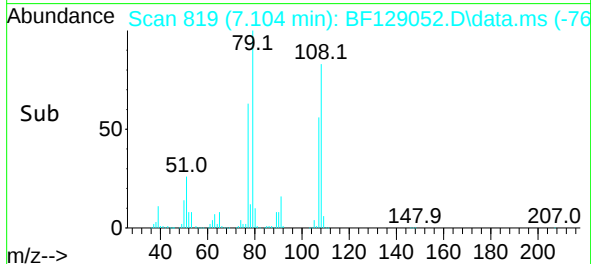
Instrument :
BNA_F
ClientSampleId :
PB145848BS



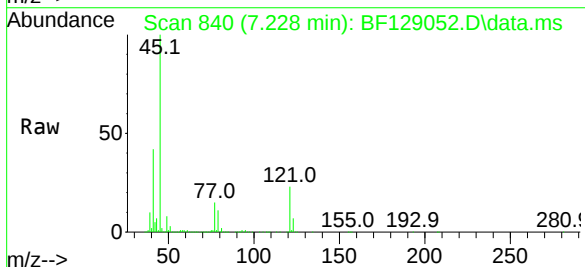
Tgt Ion: 79 Resp: 96388
Ion Ratio Lower Upper
79 100
108 82.6 61.8 92.6
77 62.7 50.2 75.4

Manual Integrations
APPROVED

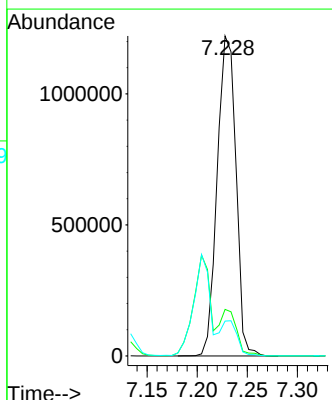
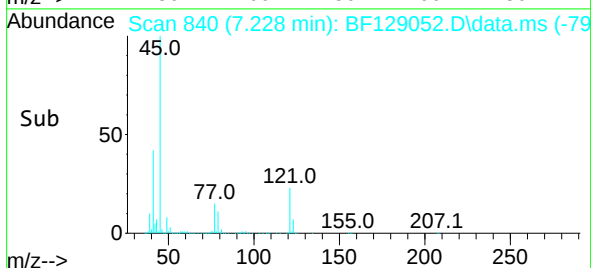
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

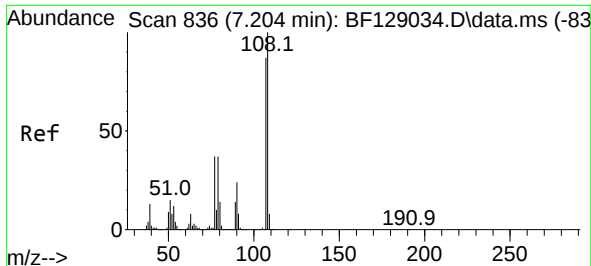


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.415 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



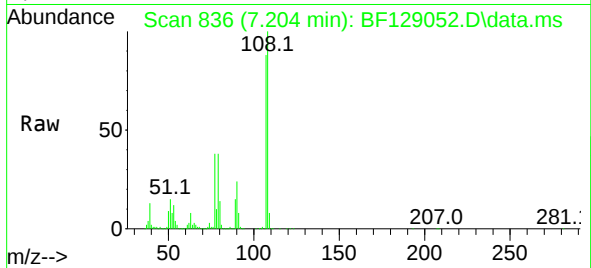
Tgt Ion: 45 Resp: 1581300
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.3
79 10.9 0.0 28.3





#17
2-Methylphenol
Concen: 41.740 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

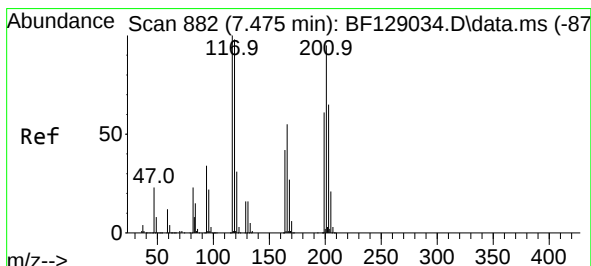
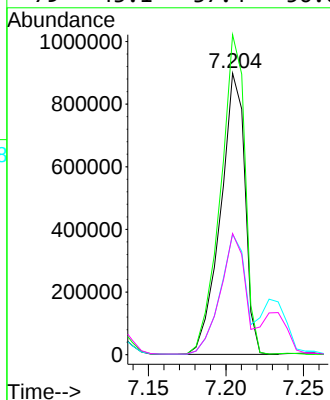
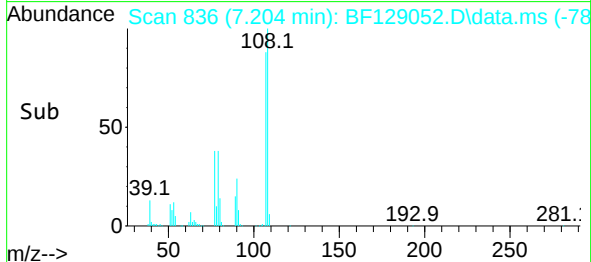
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:107 Resp: 981540
Ion Ratio Lower Upper
107 100
108 113.7 91.9 137.9
77 42.8 37.8 56.8
79 43.1 37.4 56.0

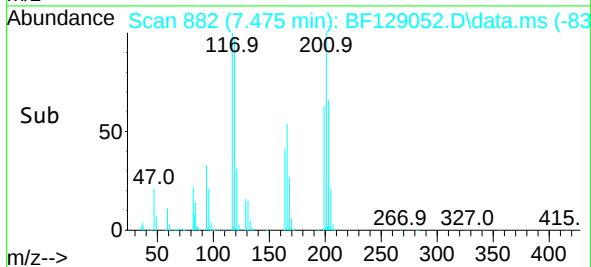
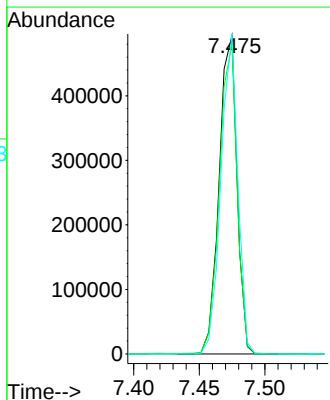
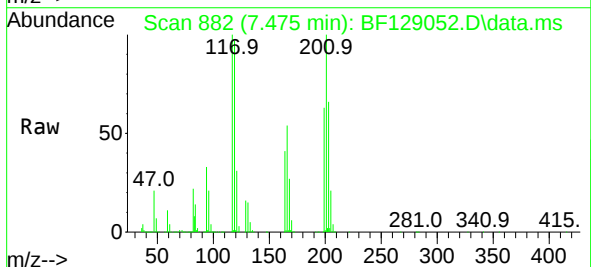
Manual Integrations
APPROVED

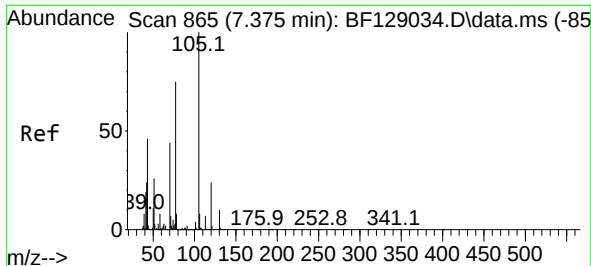
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 41.311 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion:117 Resp: 465362
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 100.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.401 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

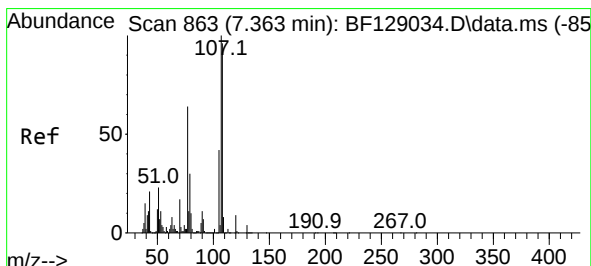
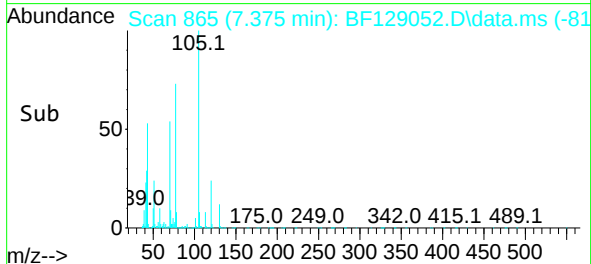
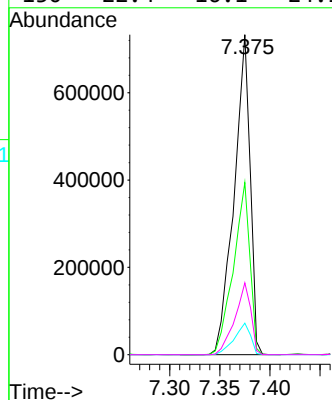
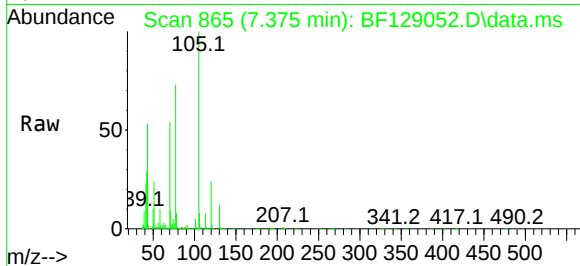
ClientSampleId :

PB145848BS

Tgt Ion: 70 Resp: 818134
Ion Ratio Lower Upper
70 100
42 53.8 52.3 78.5
101 9.9 7.5 11.3
130 22.4 16.1 24.1

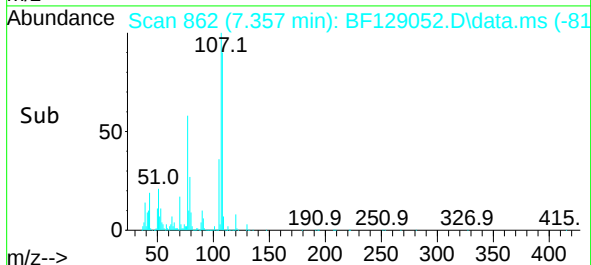
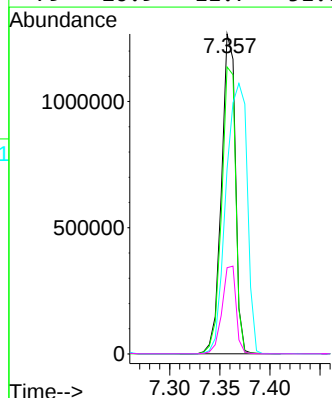
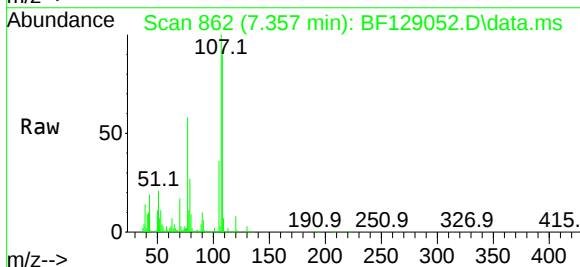
Manual Integrations
APPROVED

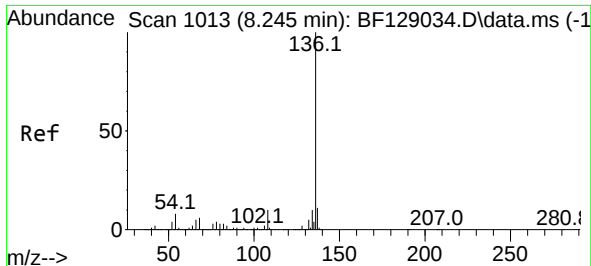
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#20
3+4-Methylphenols
Concen: 40.869 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

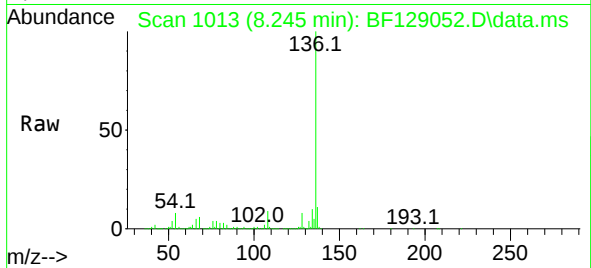
Tgt Ion:107 Resp: 1222121
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 57.9 59.3 99.3#
79 26.9 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

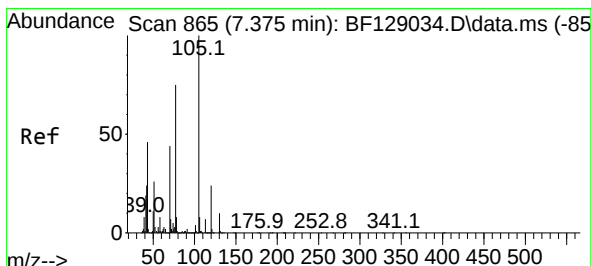
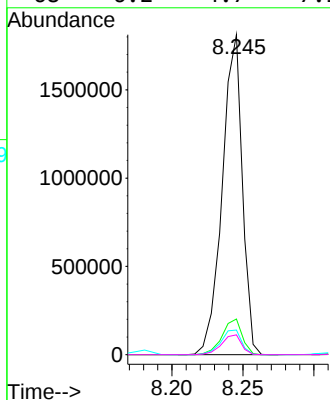
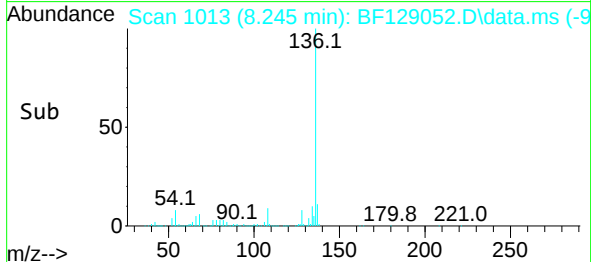
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:136 Resp: 178187
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 7.5 11.3
68 6.2 4.7 7.1

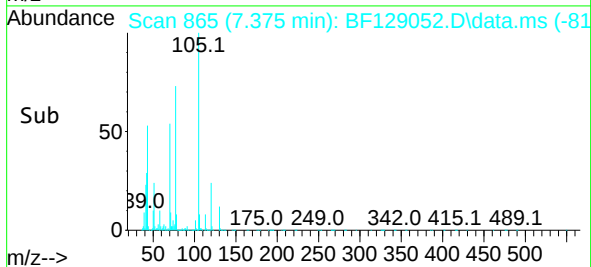
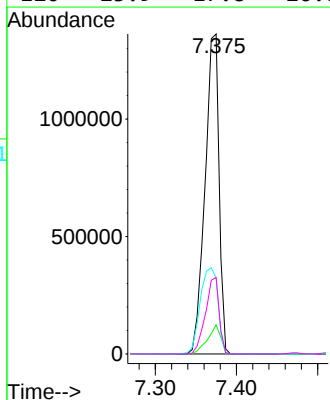
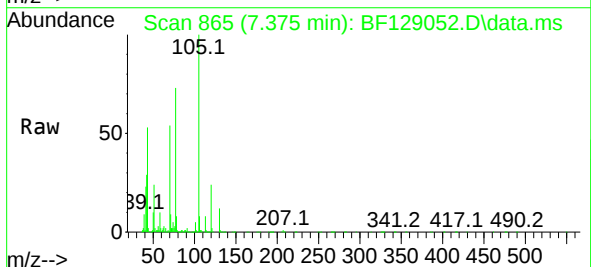
Manual Integrations
APPROVED

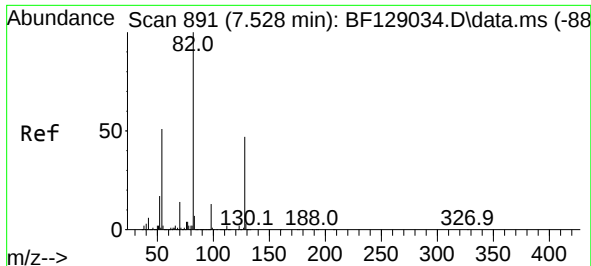
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 39.834 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

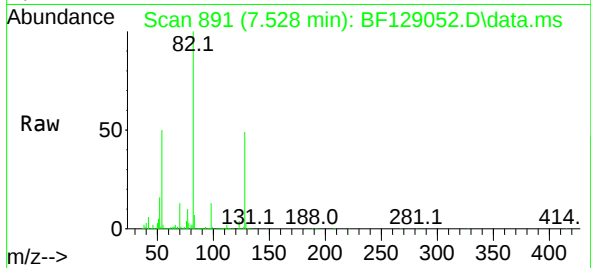
Tgt Ion:105 Resp: 1628280
Ion Ratio Lower Upper
105 100
71 9.1 5.0 7.4#
51 23.8 25.0 37.4#
120 23.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 76.144 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

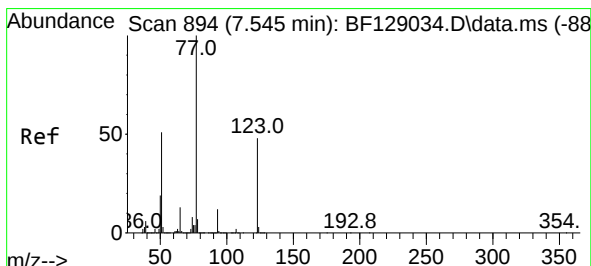
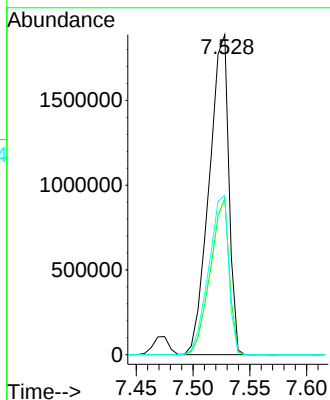
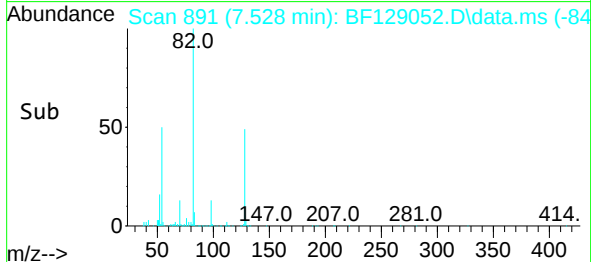
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion: 82 Resp: 2274704
Ion Ratio Lower Upper
82 100
128 48.9 34.0 51.0
54 49.8 46.9 70.3

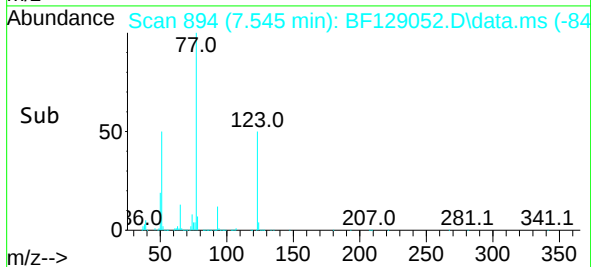
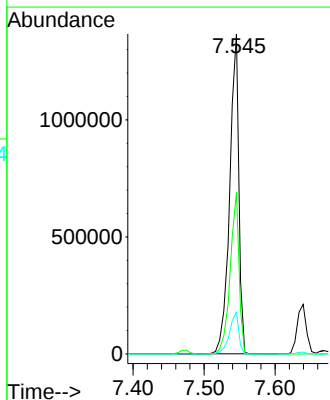
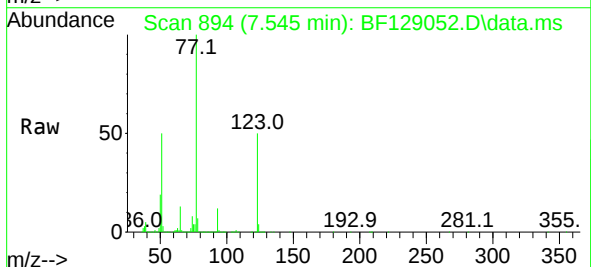
Manual Integrations
APPROVED

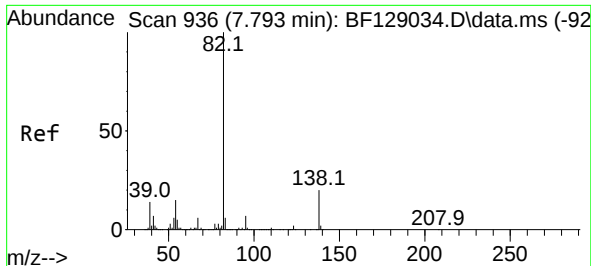
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#24
Nitrobenzene
Concen: 42.423 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion: 77 Resp: 1226234
Ion Ratio Lower Upper
77 100
123 50.5 35.4 53.2
65 13.1 11.8 17.8





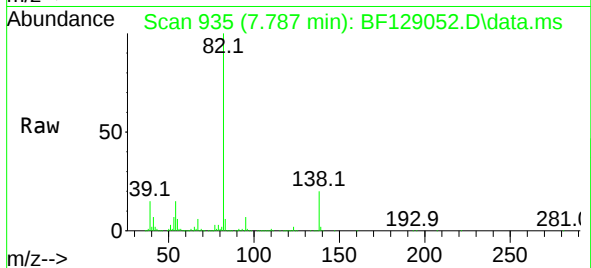
#25
Isophorone
Concen: 43.782 ng
RT: 7.787 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

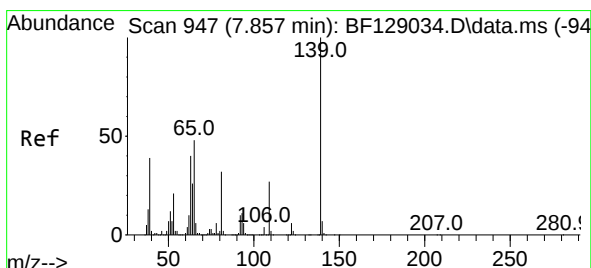
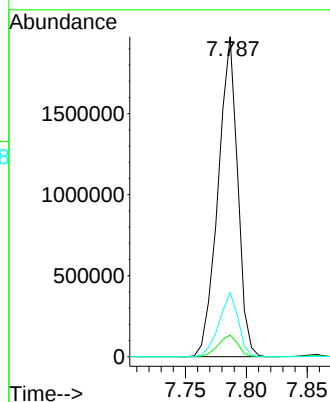
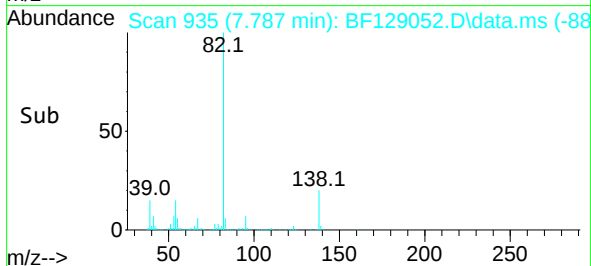


Tgt Ion: 82 Resp: 221046
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 20.0 14.2 21.2

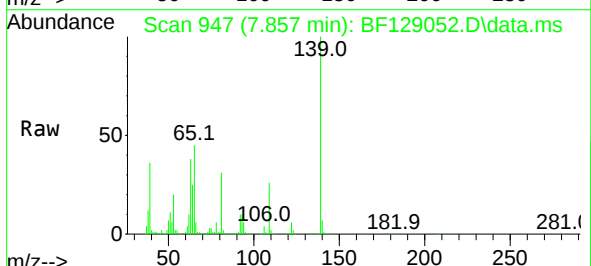
Manual Integrations

APPROVED

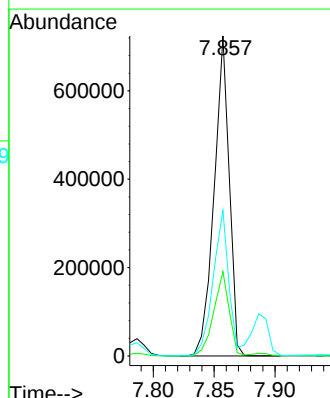
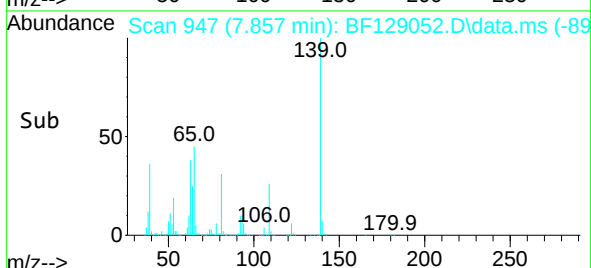
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#26
2-Nitrophenol
Concen: 46.540 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:139 Resp: 625201
Ion Ratio Lower Upper
139 100
109 26.4 25.0 37.4
65 45.5 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.162 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129052.D

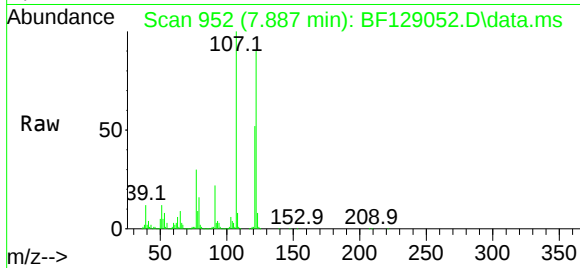
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS



Tgt Ion:122 Resp: 1143810

Ion Ratio Lower Upper

122 100

107 110.5 93.0 139.6

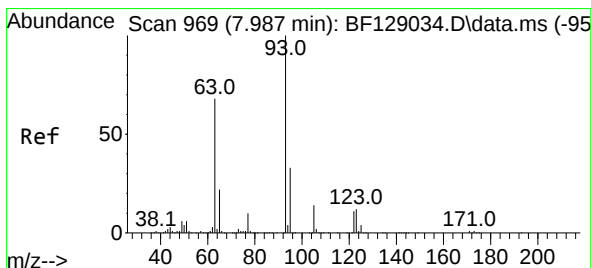
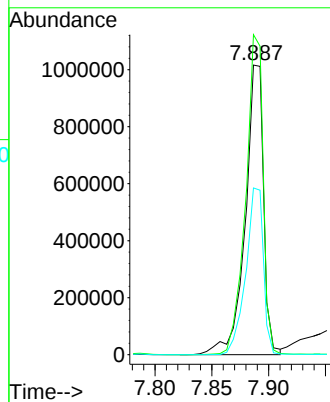
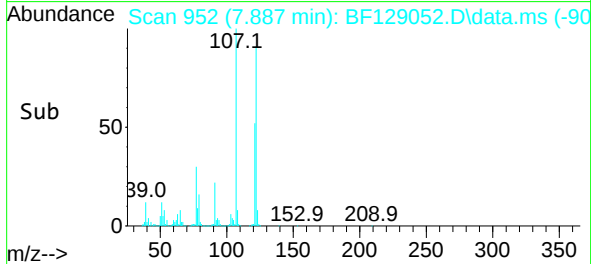
121 57.6 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.185 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

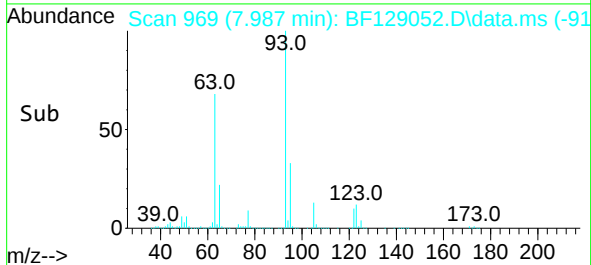
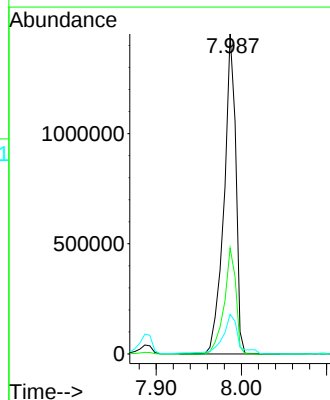
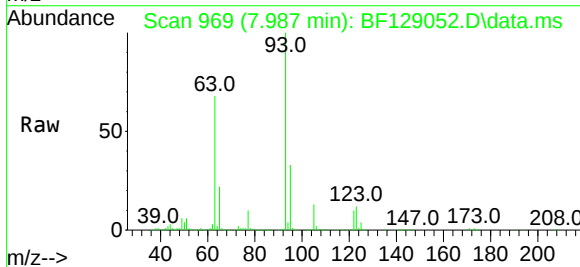
Tgt Ion: 93 Resp: 1393356

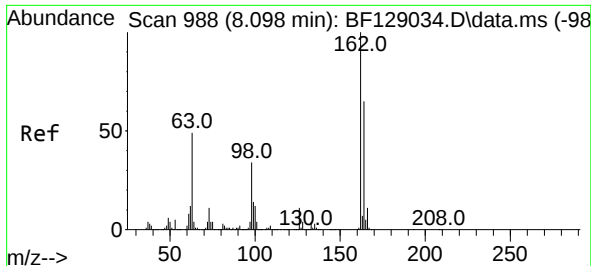
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 12.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.434 ng

RT: 8.098 min Scan# 98

Delta R.T. -0.000 min

Lab File: BF129052.D

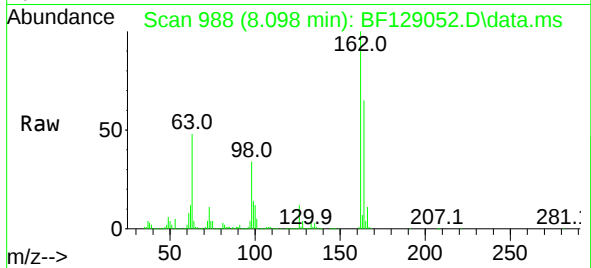
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS



Tgt Ion:162 Resp: 100022

Ion Ratio Lower Upper

162 100

164 65.3 44.2 84.2

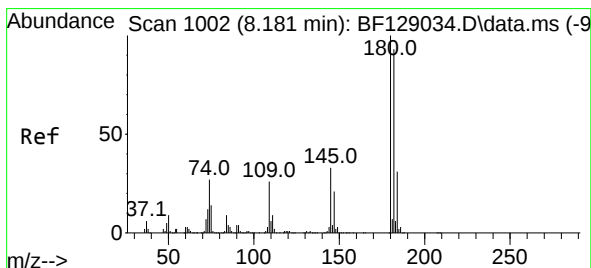
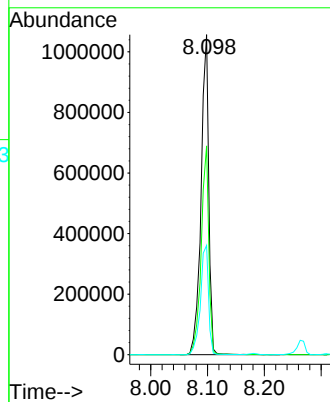
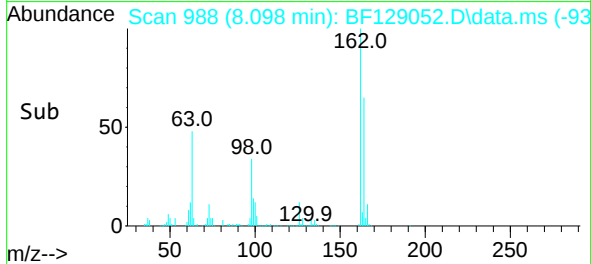
98 34.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.204 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

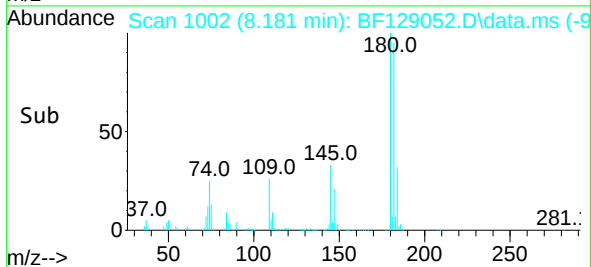
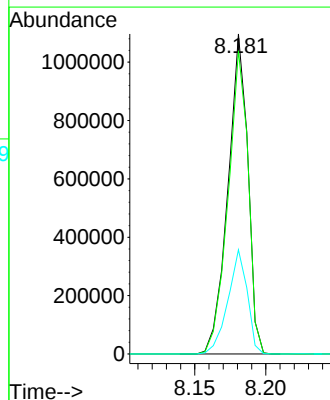
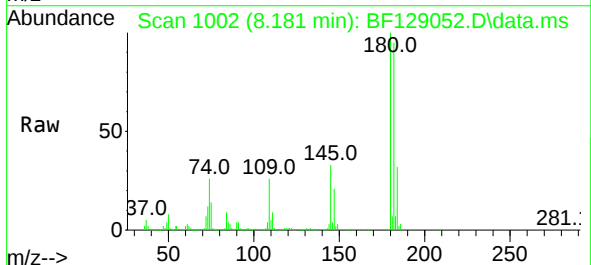
Tgt Ion:180 Resp: 1067203

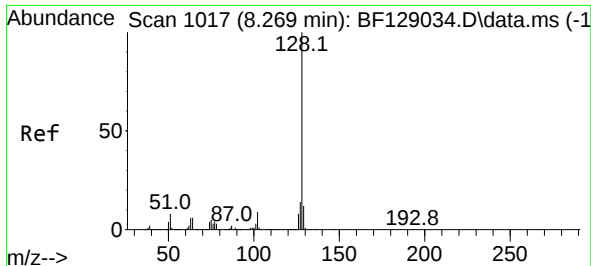
Ion Ratio Lower Upper

180 100

182 94.8 79.2 118.8

145 32.6 26.2 39.2





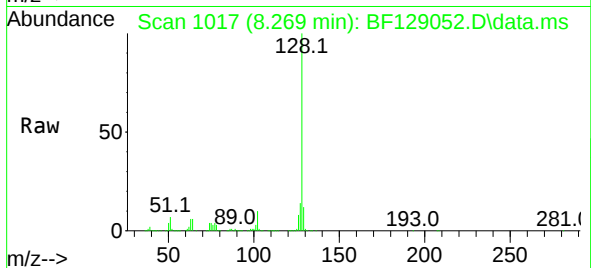
#31
Naphthalene
Concen: 40.205 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

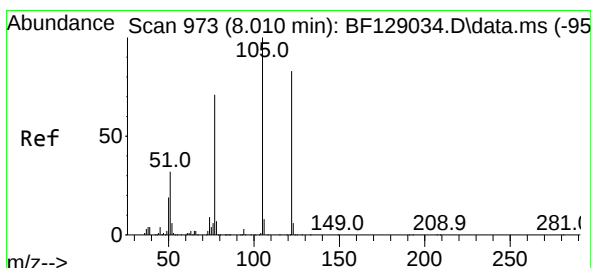
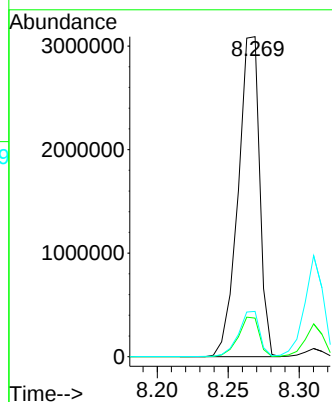
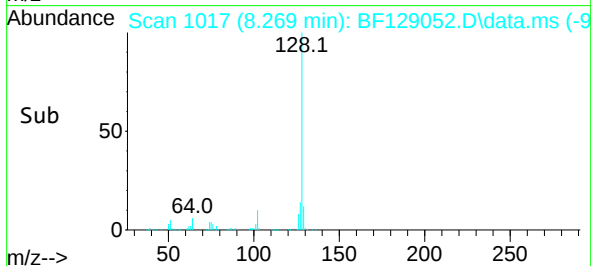


Tgt Ion:128 Resp: 325226
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 14.2 10.5 15.7

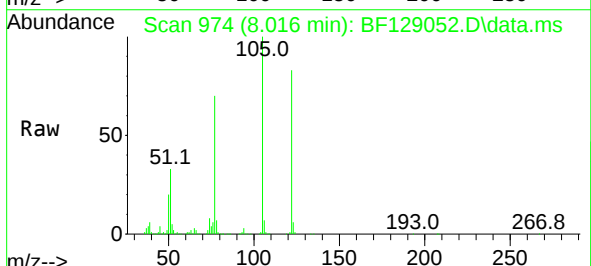
Manual Integrations

APPROVED

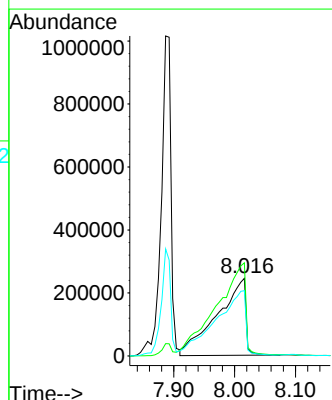
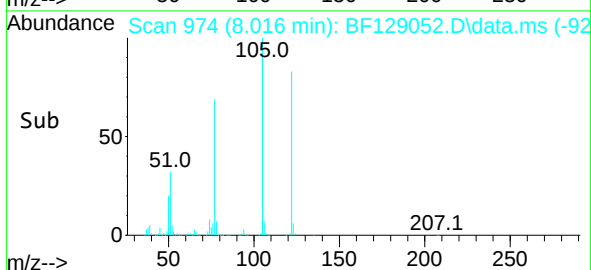
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

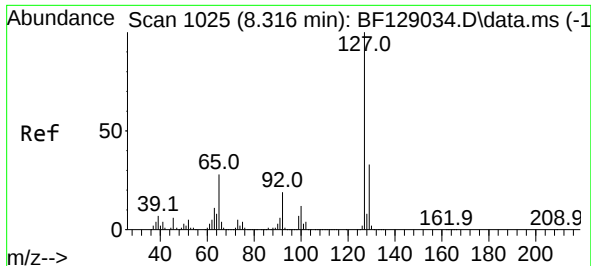


#32
Benzoic acid
Concen: 41.096 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:122 Resp: 799663
Ion Ratio Lower Upper
122 100
105 120.0 107.1 147.1
77 84.1 74.2 114.2





#33
4-Chloroaniline
Concen: 28.048 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

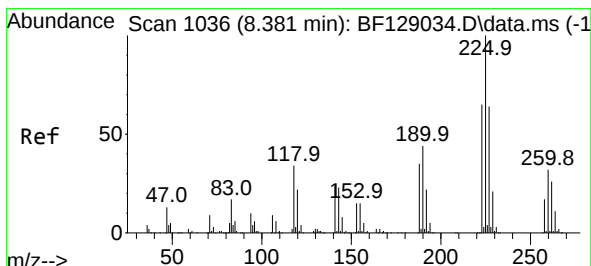
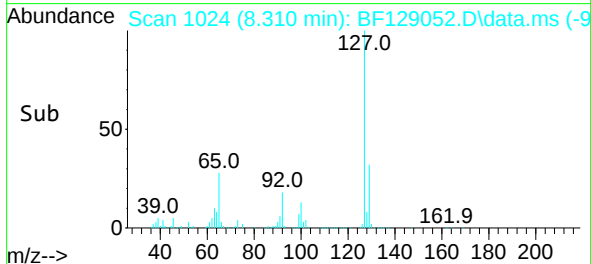
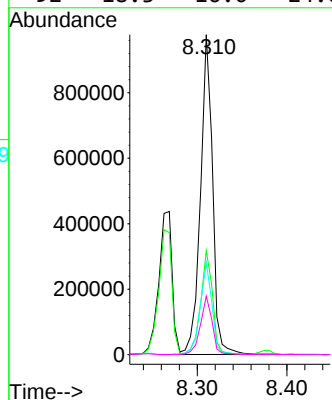
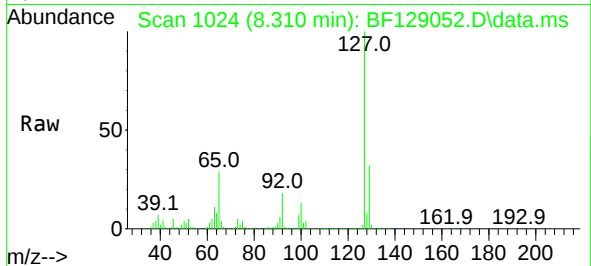
ClientSampleId :

PB145848BS

Tgt Ion:127 Resp: 91424
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 28.7 26.4 39.6
92 18.3 16.0 24.0

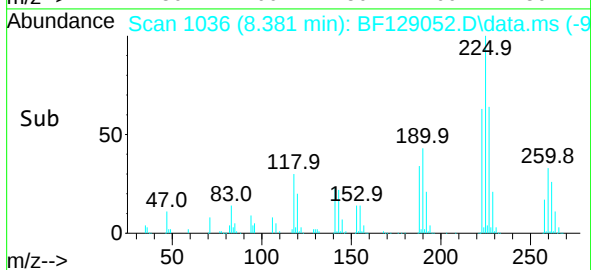
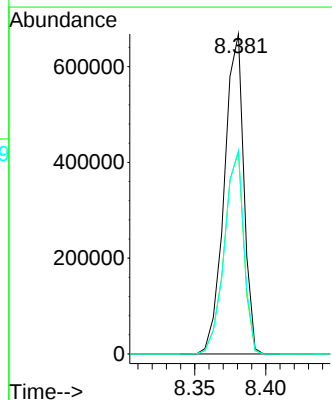
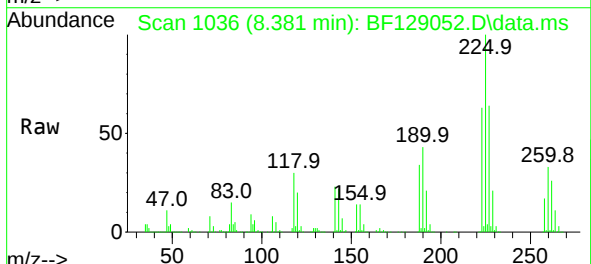
Manual Integrations
APPROVED

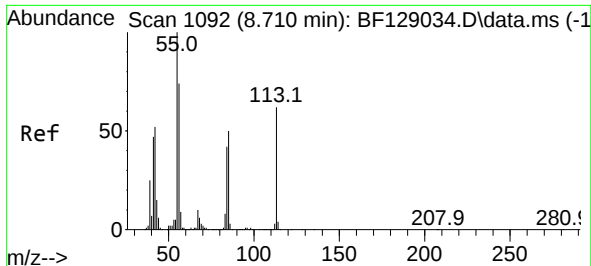
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#34
Hexachlorobutadiene
Concen: 39.125 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

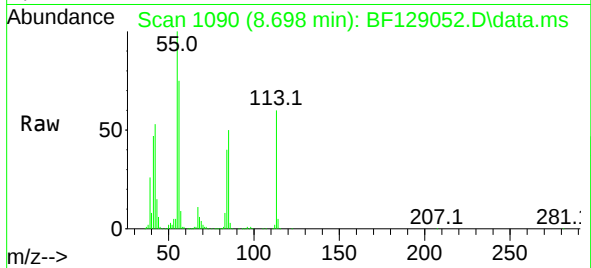
Tgt Ion:225 Resp: 635947
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 63.7 51.1 76.7





#35
Caprolactam
Concen: 41.007 ng m
RT: 8.698 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

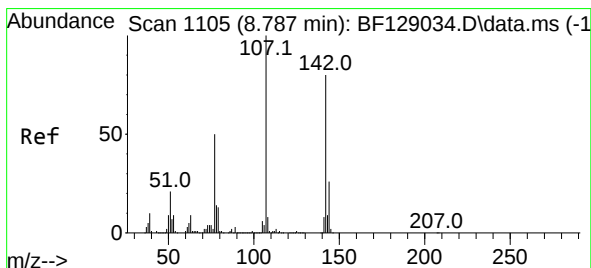
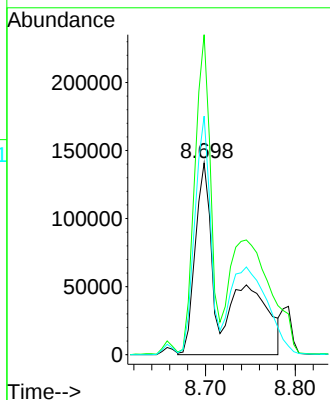
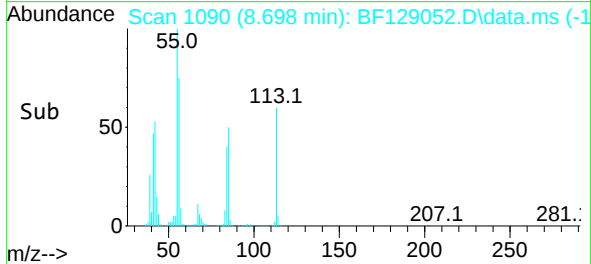
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:113 Resp: 321668
Ion Ratio Lower Upper
113 100
55 166.9 188.5 228.5
56 124.4 130.6 170.6

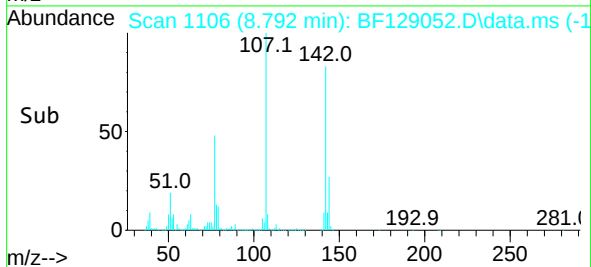
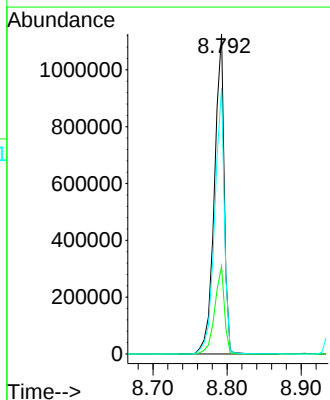
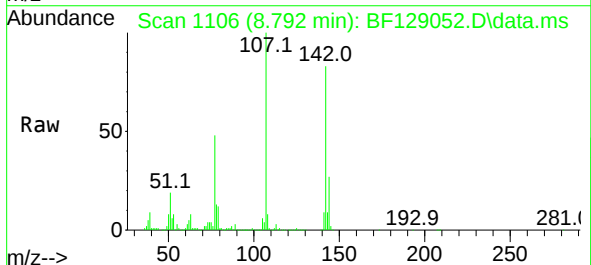
Manual Integrations
APPROVED

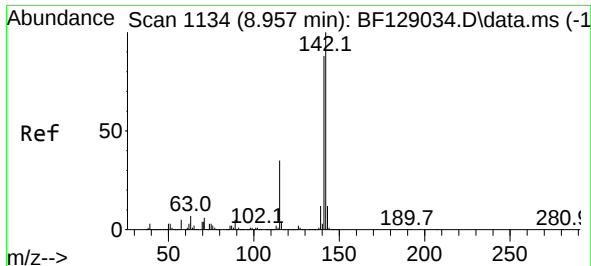
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 40.924 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion:107 Resp: 1028573
Ion Ratio Lower Upper
107 100
144 27.4 19.5 29.3
142 83.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 40.600 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

Tgt Ion:142 Resp: 2209918

Ion Ratio Lower Upper

142 100

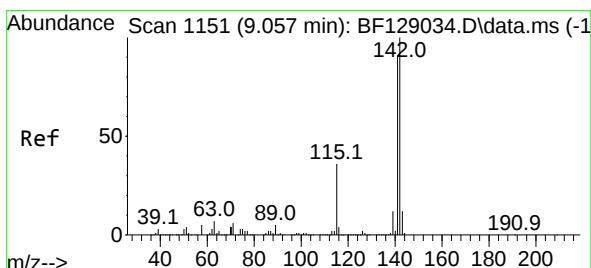
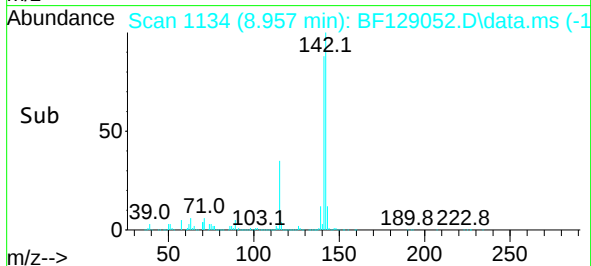
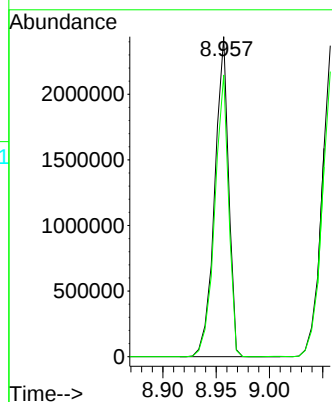
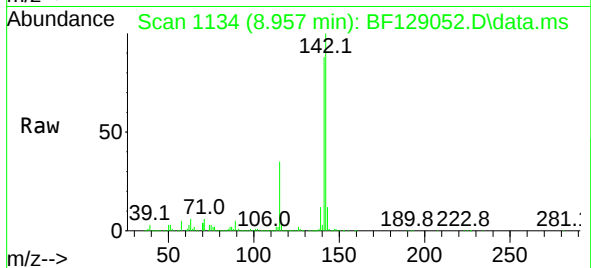
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#38

1-Methylnaphthalene

Concen: 40.218 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129052.D

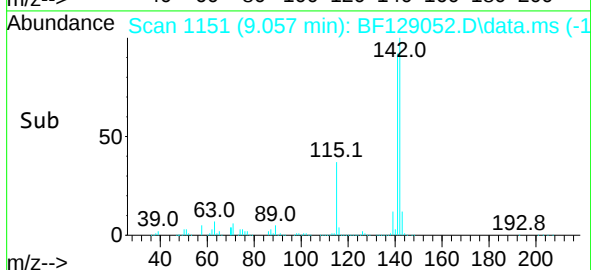
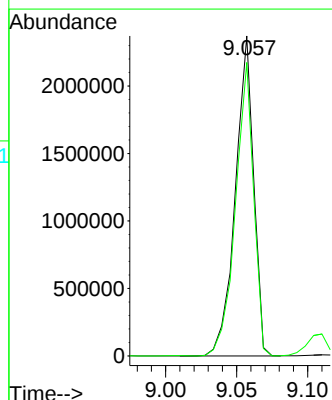
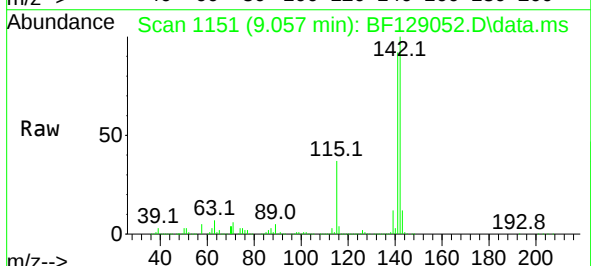
Acq: 30 Jun 2022 11:56

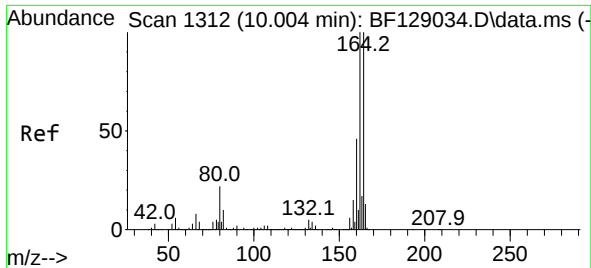
Tgt Ion:142 Resp: 2125932

Ion Ratio Lower Upper

142 100

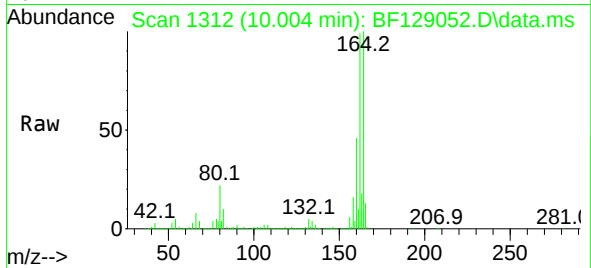
141 91.7 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

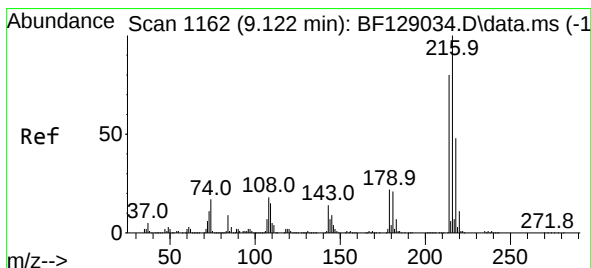
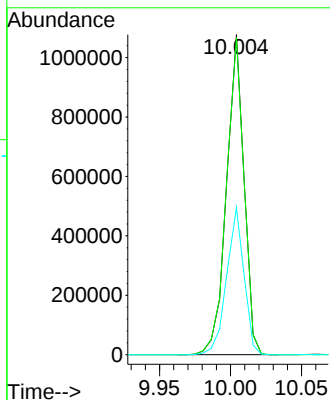
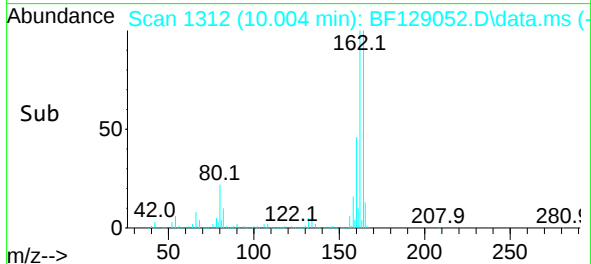
Instrument :
BNA_F
ClientSampleId :
PB145848BS



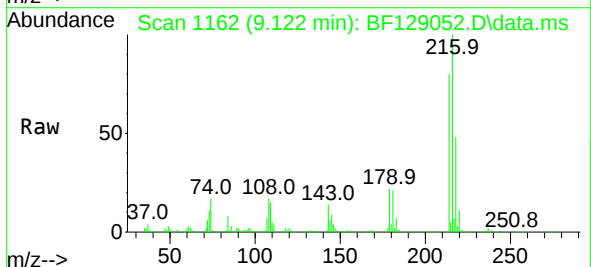
Tgt Ion:164 Resp: 92094
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 45.9 34.2 51.4

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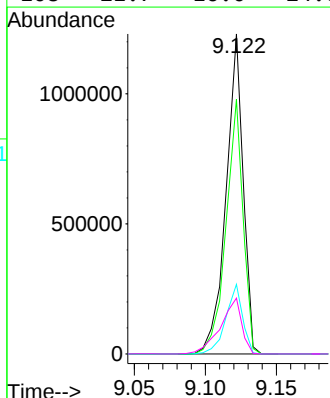
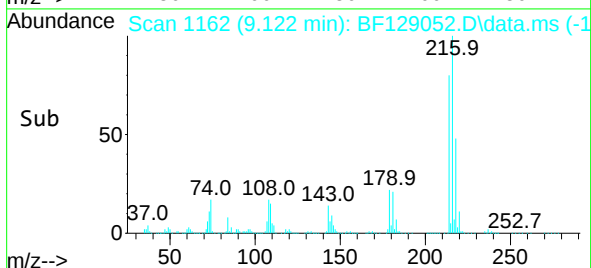
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

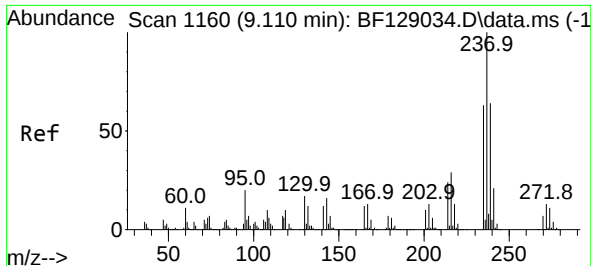


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.815 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:216 Resp: 1030656
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 21.4 17.0 25.6
108 21.7 16.0 24.0





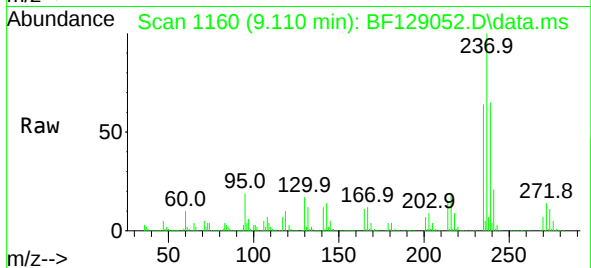
#41
Hexachlorocyclopentadiene
Concen: 94.277 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

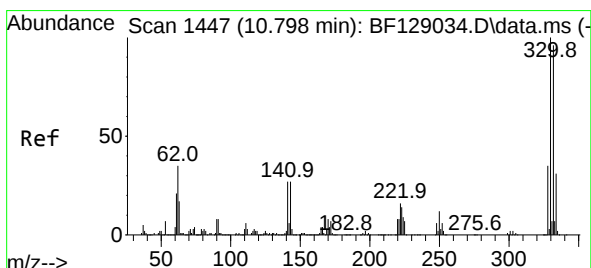
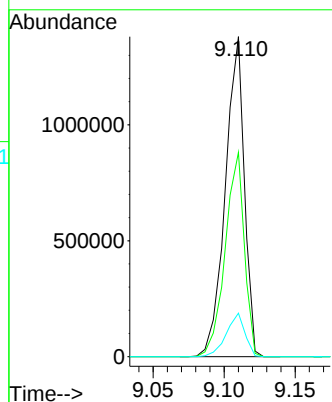
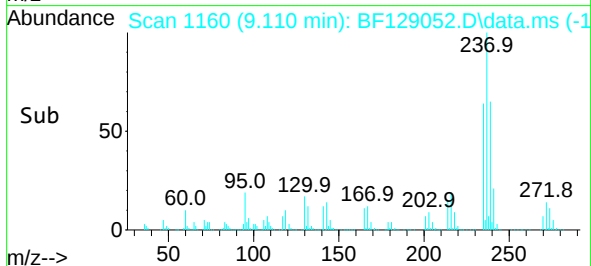


Tgt Ion:237 Resp: 1288210
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 13.6 0.0 31.9

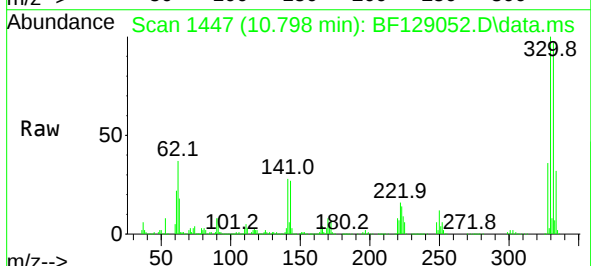
Manual Integrations

APPROVED

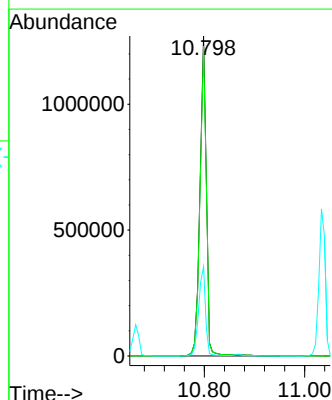
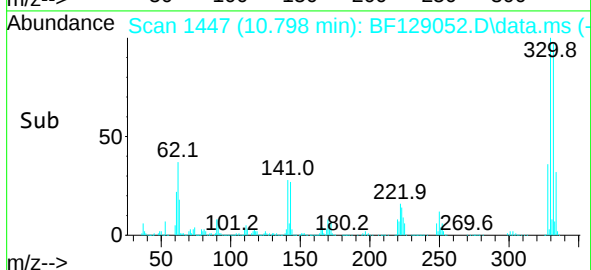
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

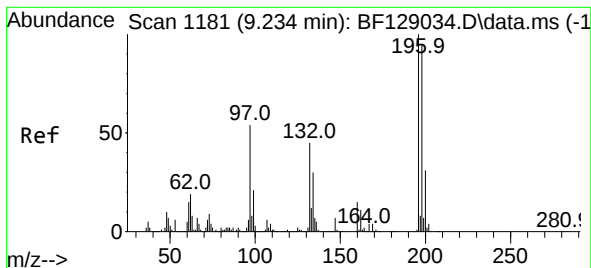


#42
2,4,6-Tribromophenol
Concen: 112.119 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:330 Resp: 1122752
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 30.1 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 40.446 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

Tgt Ion:196 Resp: 71315

Ion Ratio Lower Upper

196 100

198 97.3 74.0 111.0

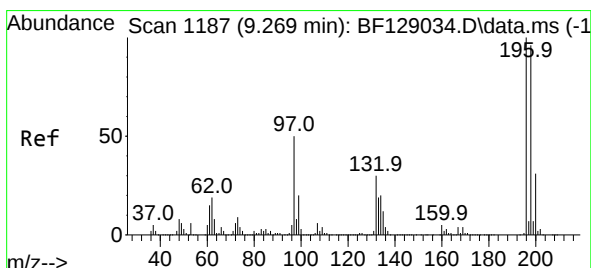
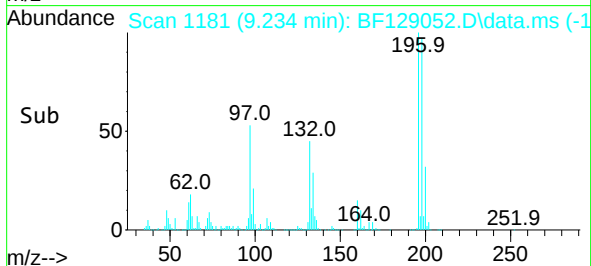
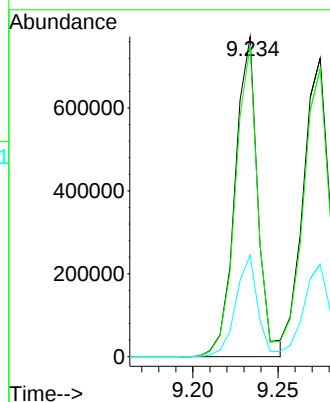
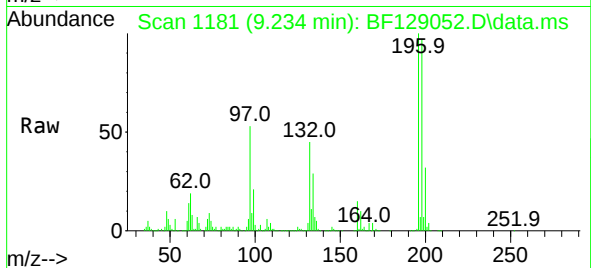
200 31.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 40.853 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

Tgt Ion:196 Resp: 766193

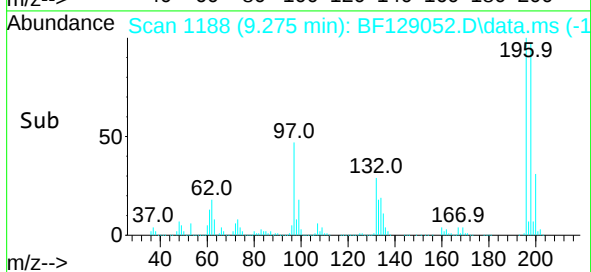
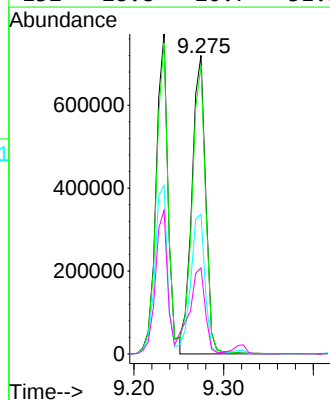
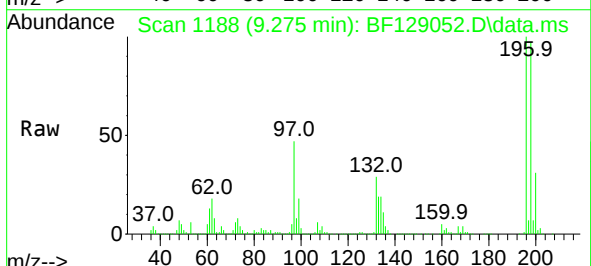
Ion Ratio Lower Upper

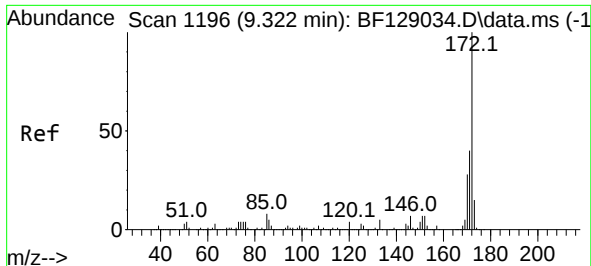
196 100

198 96.5 75.7 113.5

97 46.8 36.4 54.6

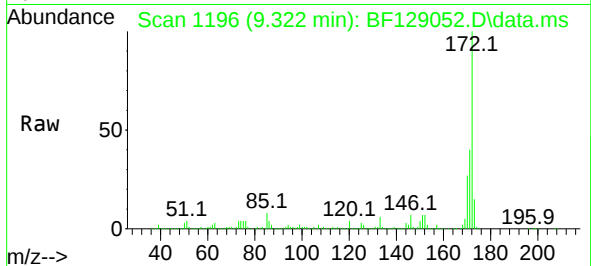
132 28.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 68.753 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

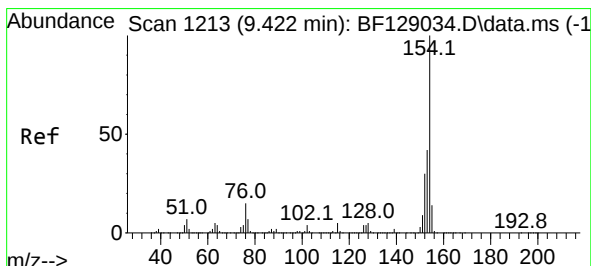
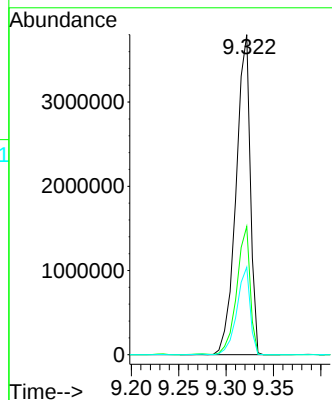
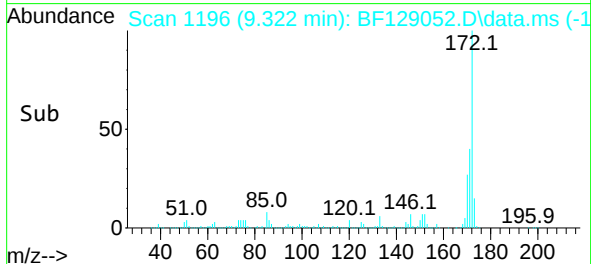
Instrument :
BNA_F
ClientSampleId :
PB145848BS



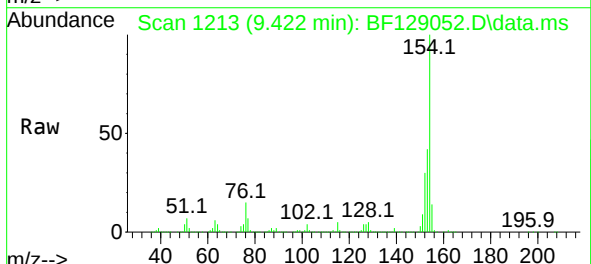
Tgt Ion:172 Resp: 395788
Ion Ratio Lower Upper
172 100
171 40.0 28.8 43.2
170 27.4 19.8 29.8

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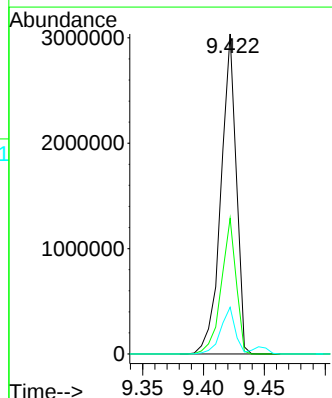
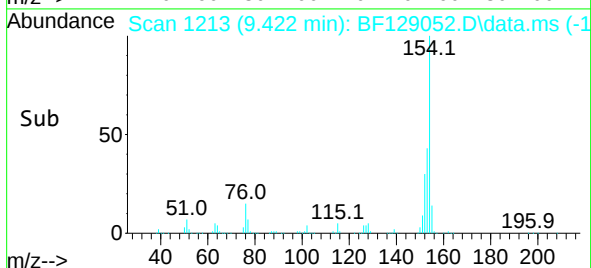
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

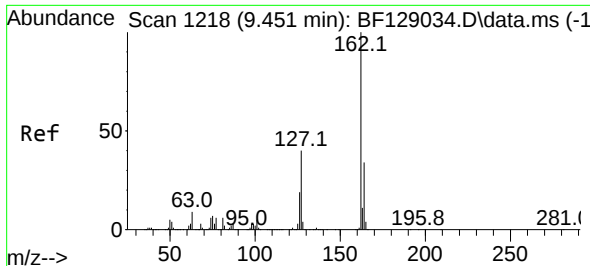


#46
1,1'-Biphenyl
Concen: 40.230 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:154 Resp: 2663590
Ion Ratio Lower Upper
154 100
153 42.4 20.6 60.6
76 14.6 0.0 33.3





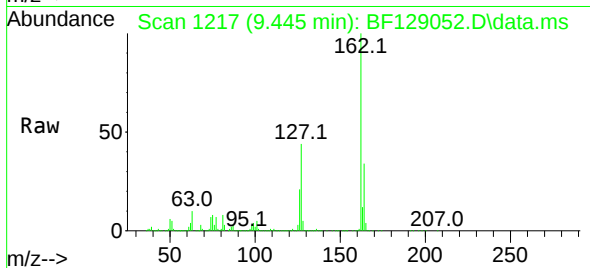
#47
2-Chloronaphthalene
Concen: 40.088 ng
RT: 9.445 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

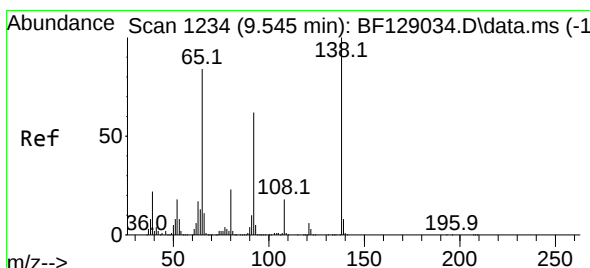
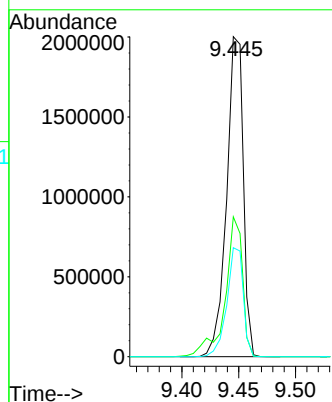
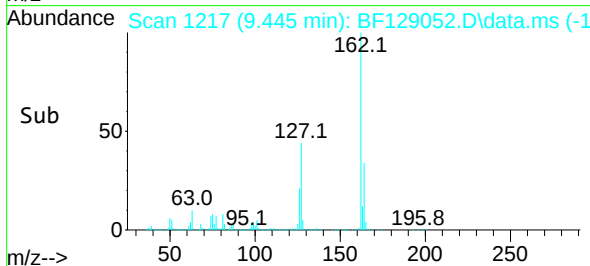


Tgt Ion:162 Resp: 204968
Ion Ratio Lower Upper
162 100
127 43.7 34.5 51.7
164 34.1 26.5 39.7

Manual Integrations

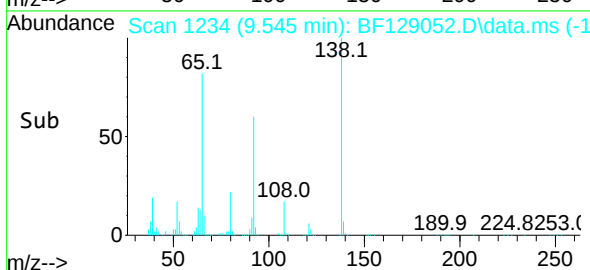
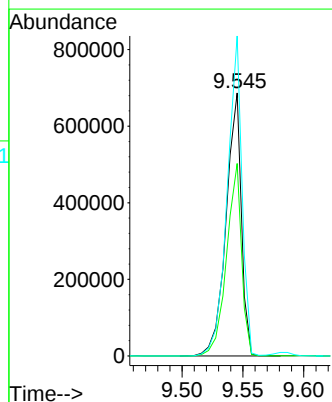
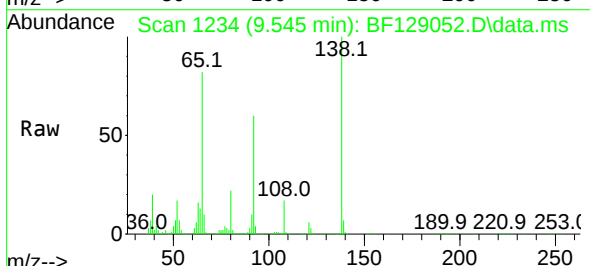
APPROVED

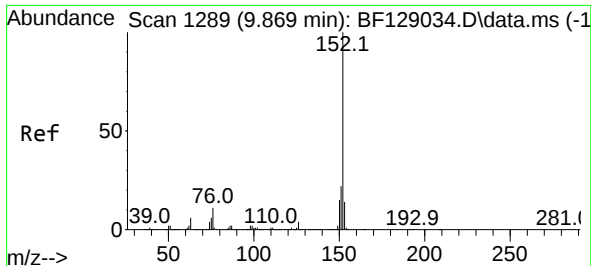
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48
2-Nitroaniline
Concen: 44.753 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion: 65 Resp: 602664
Ion Ratio Lower Upper
65 100
92 73.1 51.9 77.9
138 121.6 76.4 114.6#





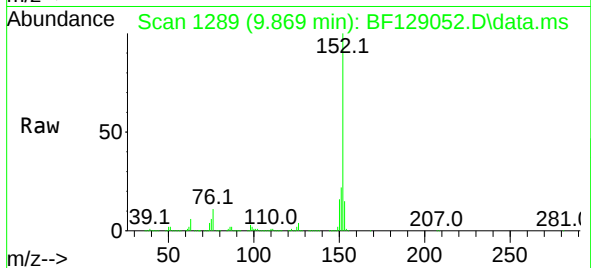
#49
Acenaphthylene
Concen: 42.099 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

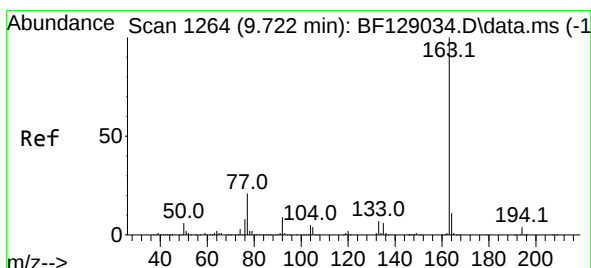
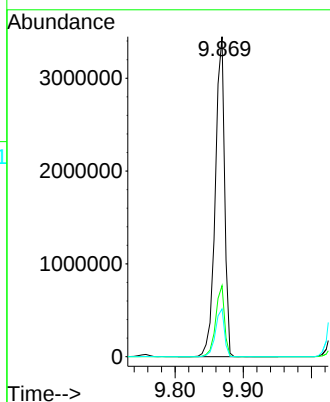
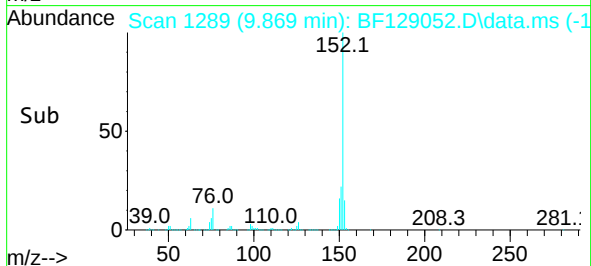


Tgt Ion:152 Resp: 3270700
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4
153 14.9 10.7 16.1

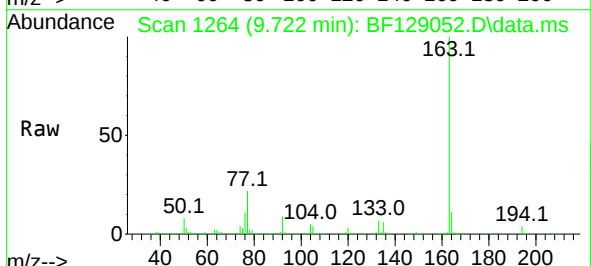
Manual Integrations

APPROVED

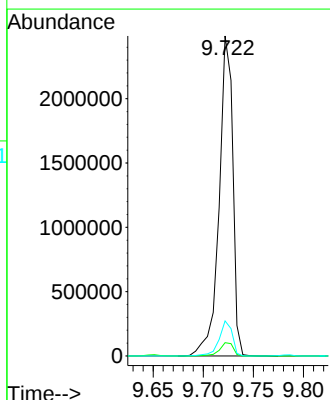
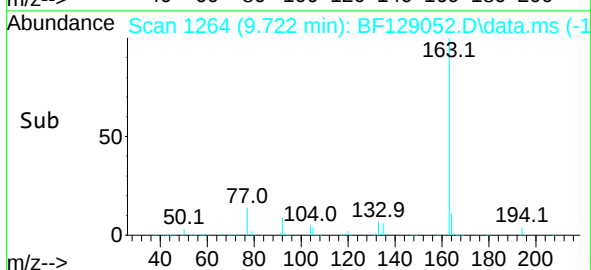
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

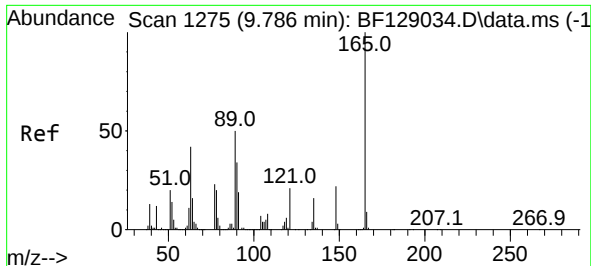


#50
Dimethylphthalate
Concen: 40.845 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:163 Resp: 2353267
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.845 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

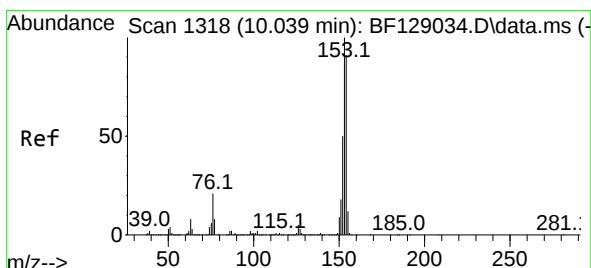
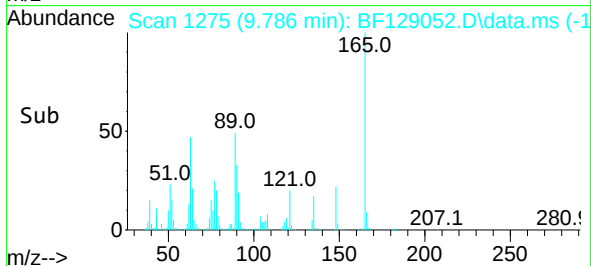
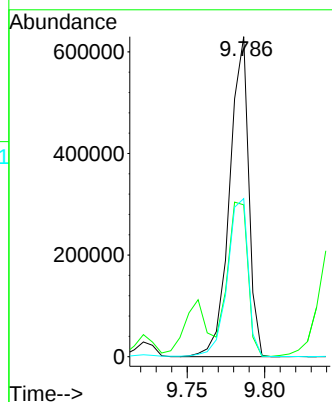
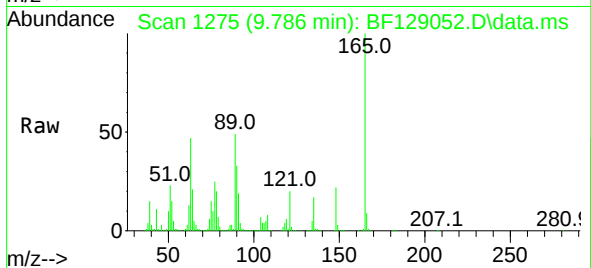
PB145848BS

Tgt Ion:165 Resp: 53974
Ion Ratio Lower Upper
165 100
63 47.4 44.9 67.3
89 49.4 43.6 65.4

Manual Integrations

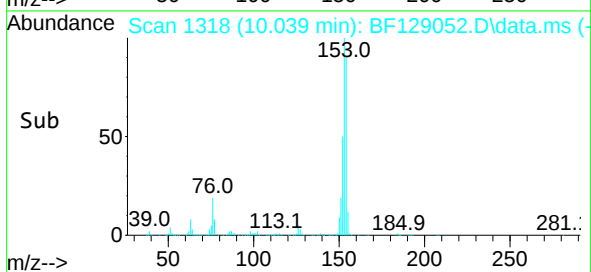
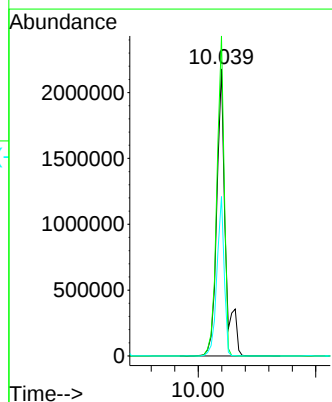
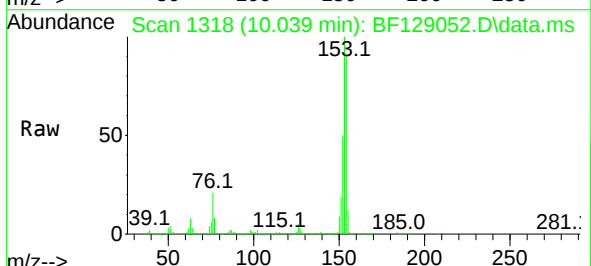
APPROVED

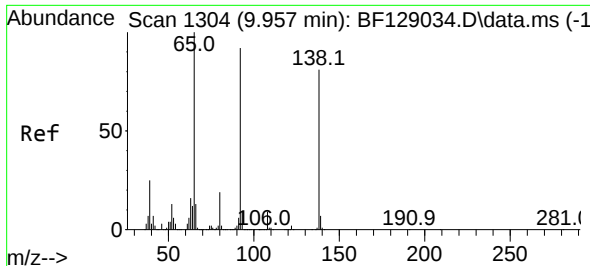
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#52
Acenaphthene
Concen: 44.063 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

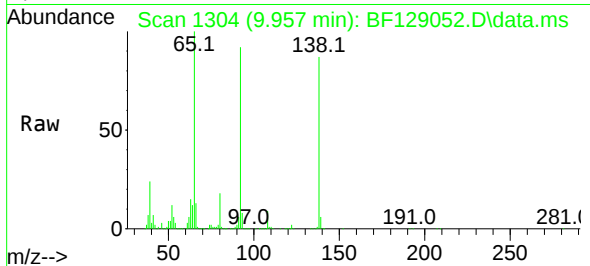
Tgt Ion:154 Resp: 2229867
Ion Ratio Lower Upper
154 100
153 111.5 89.6 134.4
152 55.5 42.4 63.6





#53
3-Nitroaniline
Concen: 33.049 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

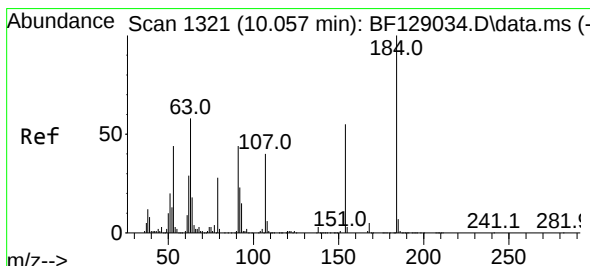
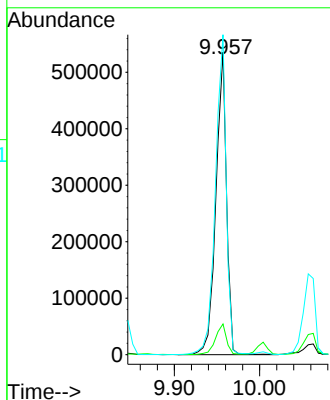
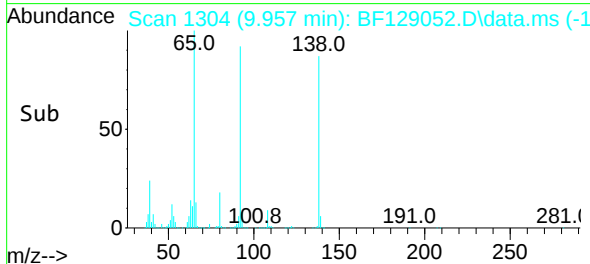
Instrument :
BNA_F
ClientSampleId :
PB145848BS



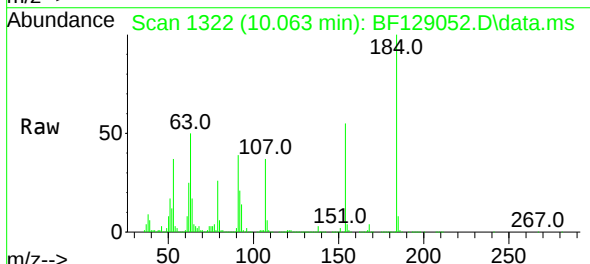
Tgt Ion:138 Resp: 463999
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3
92 105.8 98.2 147.2

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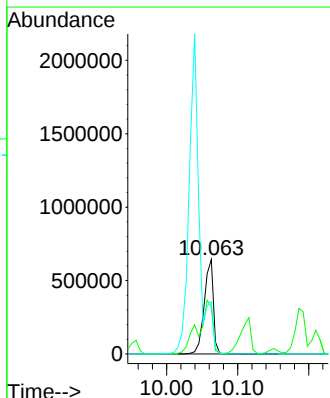
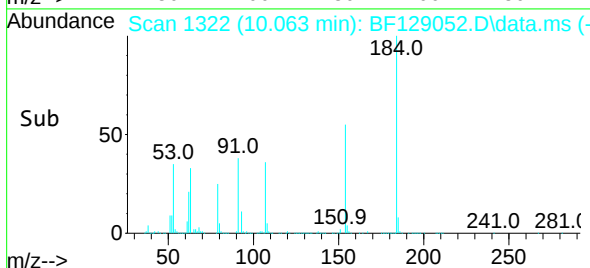
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

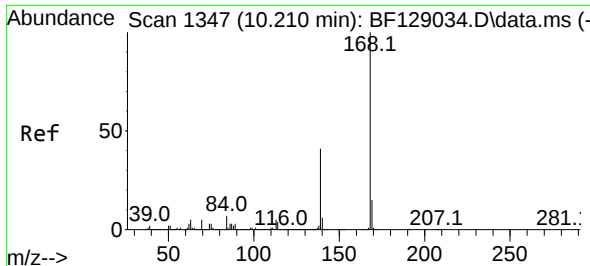


#54
2,4-Dinitrophenol
Concen: 89.872 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



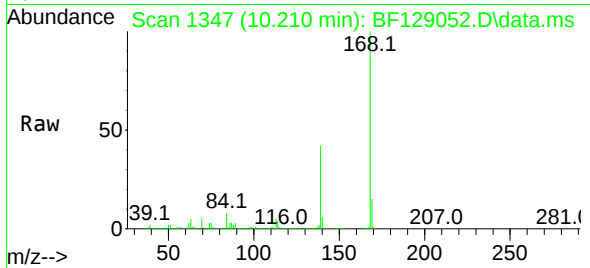
Tgt Ion:184 Resp: 578092
Ion Ratio Lower Upper
184 100
63 50.1 64.5 96.7
154 55.5 50.6 75.8





#55
Dibenzenofuran
Concen: 39.559 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

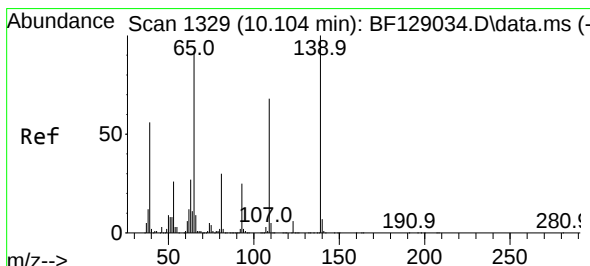
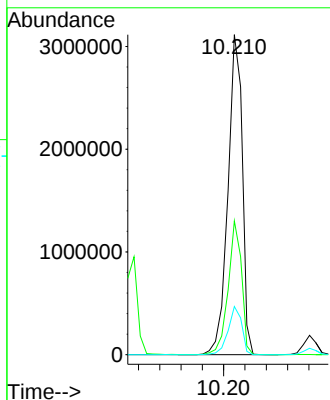
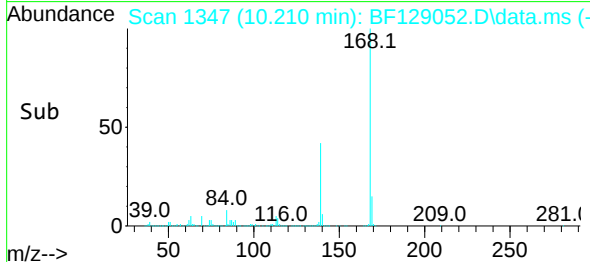
Instrument :
BNA_F
ClientSampleId :
PB145848BS



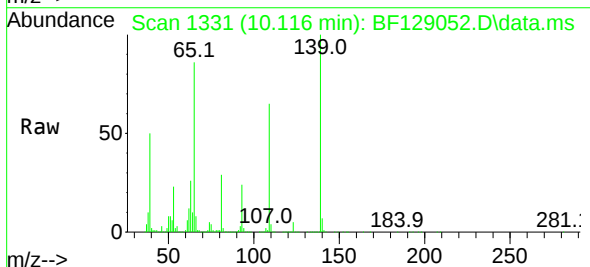
Tgt Ion:168 Resp: 2915030
Ion Ratio Lower Upper
168 100
139 41.8 30.6 46.0
169 15.0 11.0 16.6

Manual Integrations
APPROVED

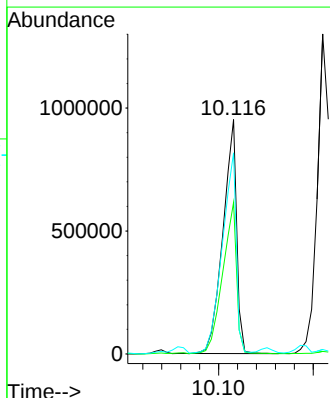
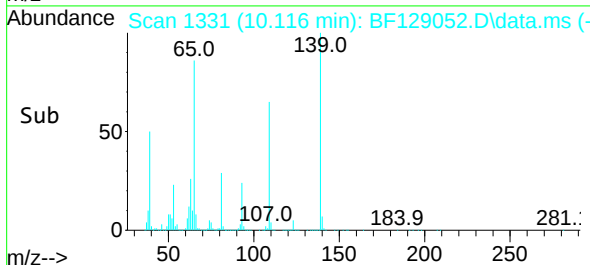
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

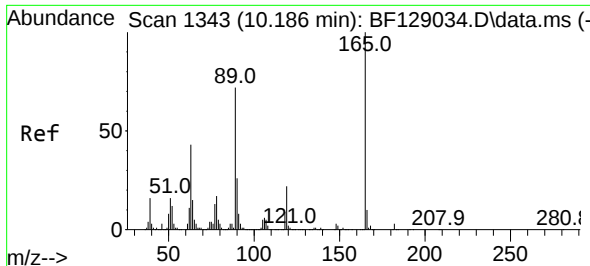


#56
4-Nitrophenol
Concen: 83.773 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:139 Resp: 960975
Ion Ratio Lower Upper
139 100
109 64.6 50.7 90.7
65 85.8 74.5 114.5





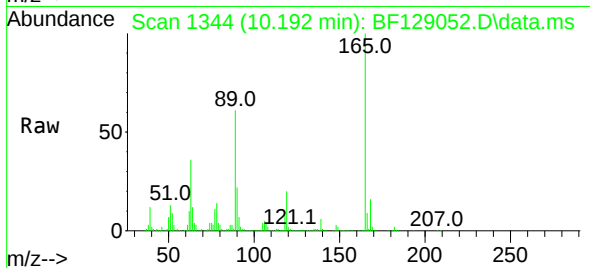
#57
2,4-Dinitrotoluene
Concen: 49.054 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

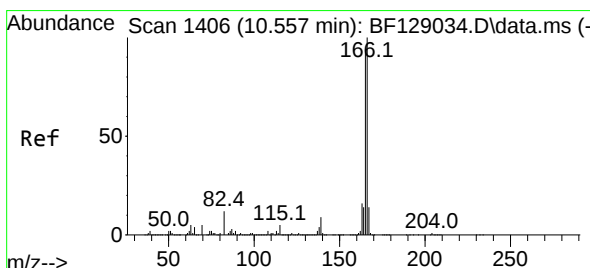
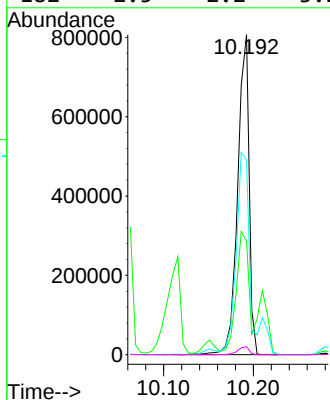
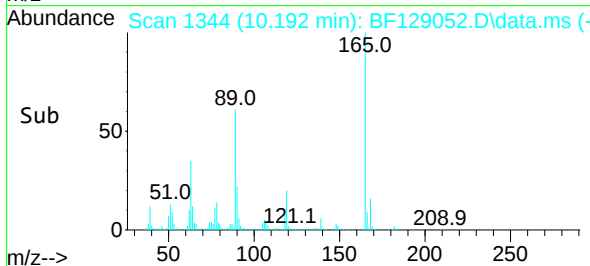


Tgt Ion:165 Resp: 71297
Ion Ratio Lower Upper
165 100
63 35.5 39.8 59.6
89 61.0 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations

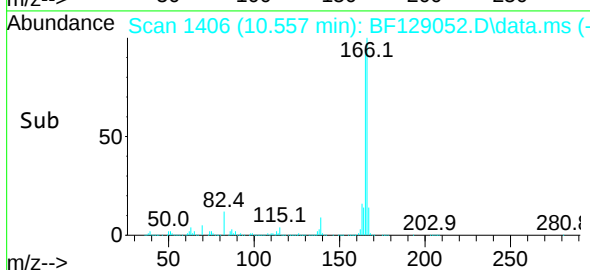
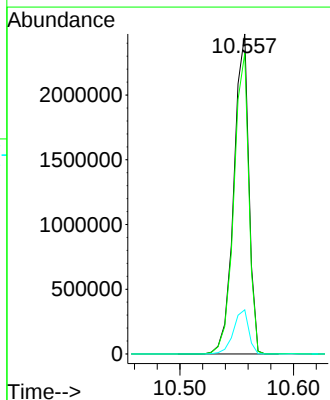
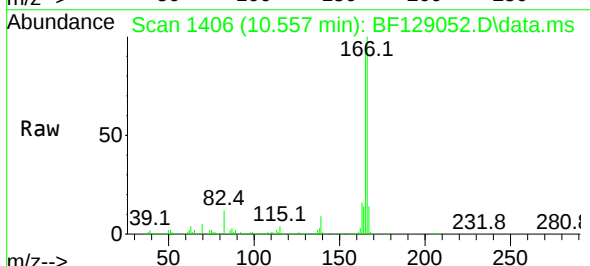
APPROVED

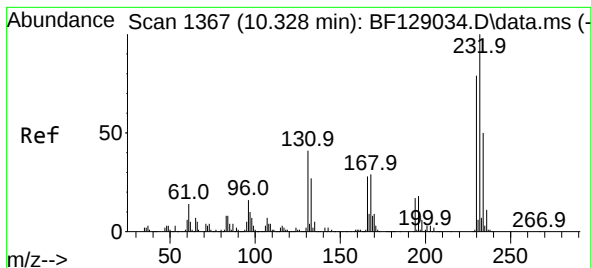
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 39.645 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

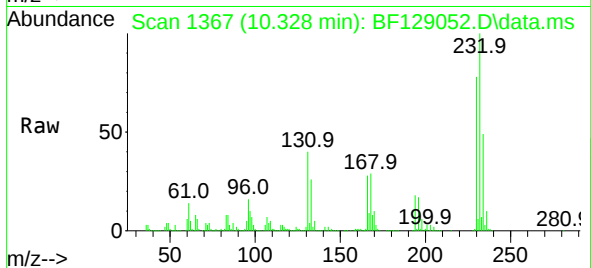
Tgt Ion:166 Resp: 2259759
Ion Ratio Lower Upper
166 100
165 94.0 78.1 117.1
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.052 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

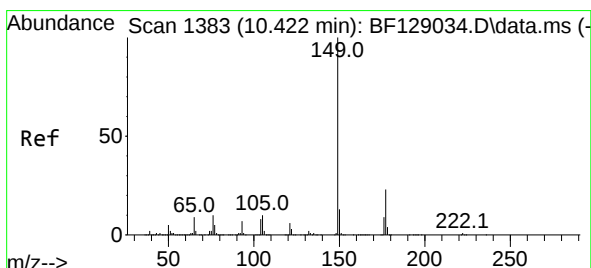
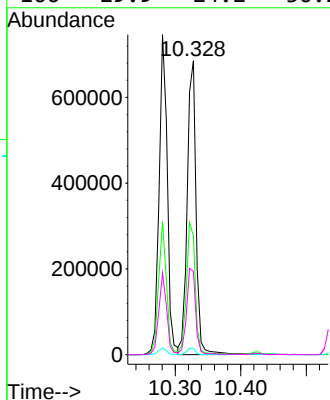
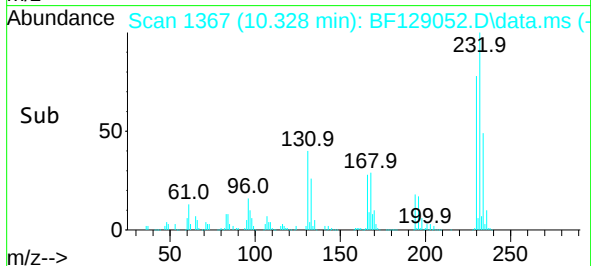
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:232 Resp: 63786
Ion Ratio Lower Upper
232 100
131 44.8 36.1 54.1
130 2.2 1.8 2.8
166 29.9 24.2 36.2

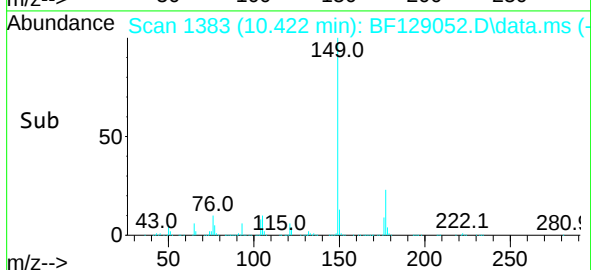
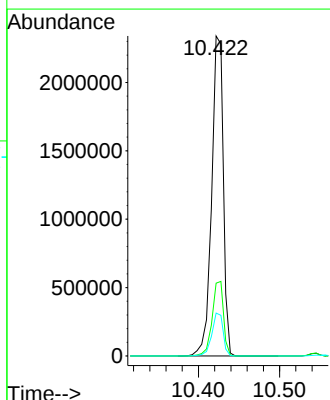
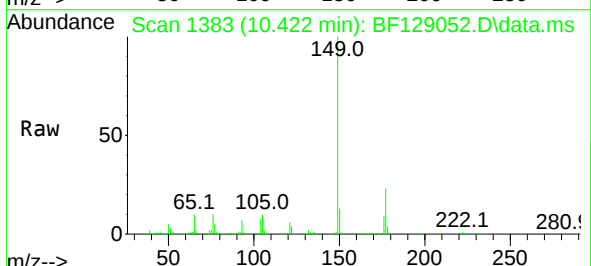
Manual Integrations
APPROVED

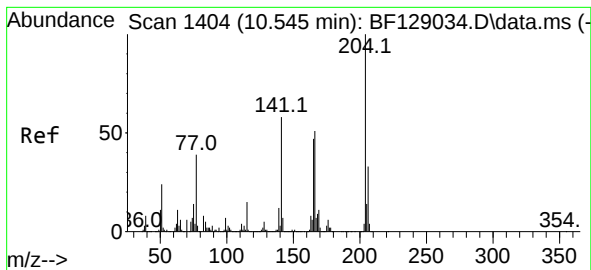
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#60
Diethylphthalate
Concen: 40.194 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

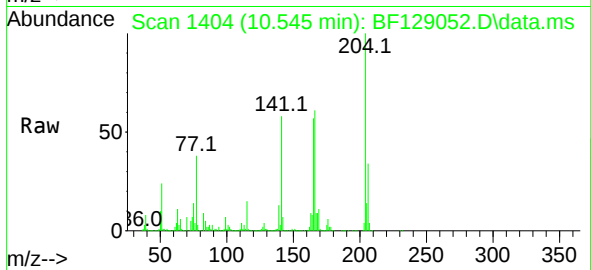
Tgt Ion:149 Resp: 2320473
Ion Ratio Lower Upper
149 100
177 22.7 17.3 25.9
150 13.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.128 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

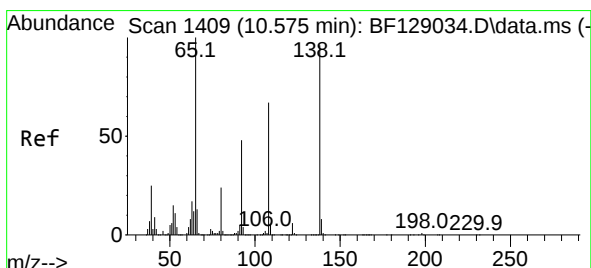
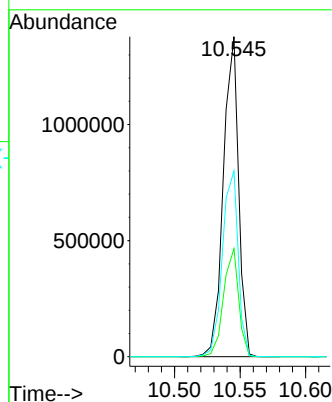
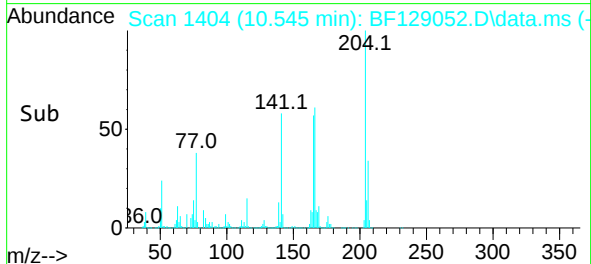
Instrument :
BNA_F
ClientSampleId :
PB145848BS



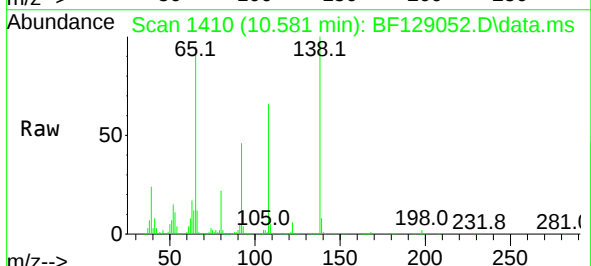
Tgt Ion:204 Resp: 1111228
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 58.1 47.0 70.4

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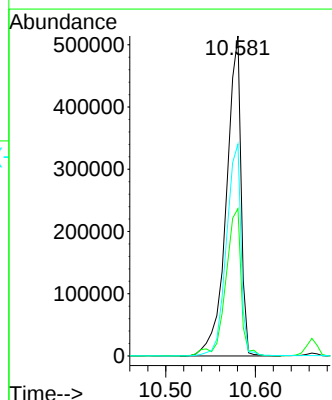
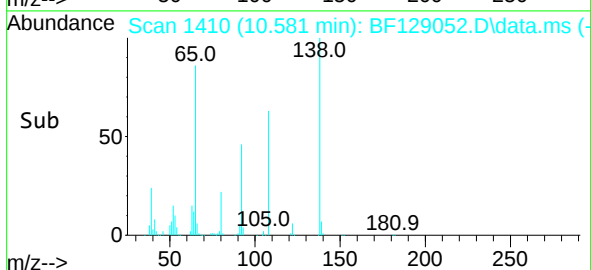
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

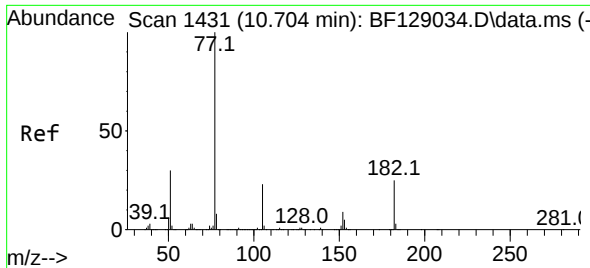


#62
4-Nitroaniline
Concen: 41.901 ng
RT: 10.581 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



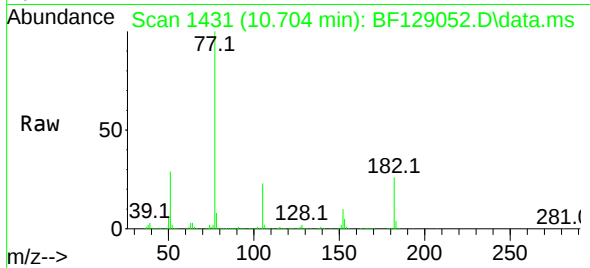
Tgt Ion:138 Resp: 583346
Ion Ratio Lower Upper
138 100
92 46.0 33.5 73.5
108 66.2 61.0 101.0





#63
Azobenzene
Concen: 39.668 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

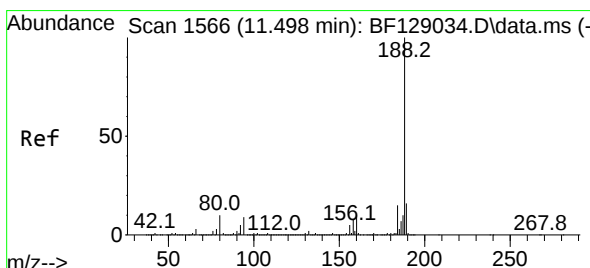
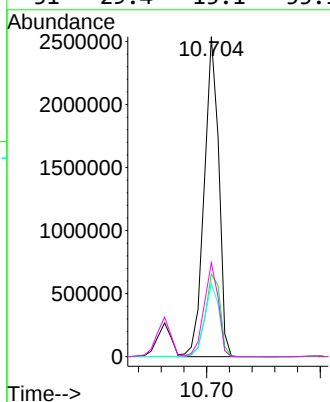
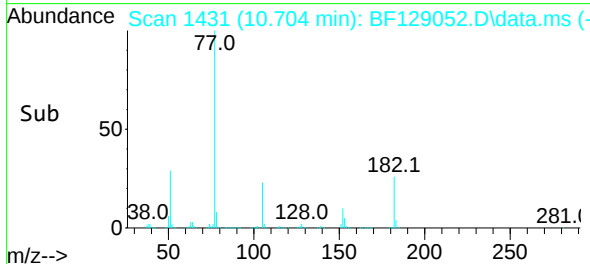
Instrument :
BNA_F
ClientSampleId :
PB145848BS



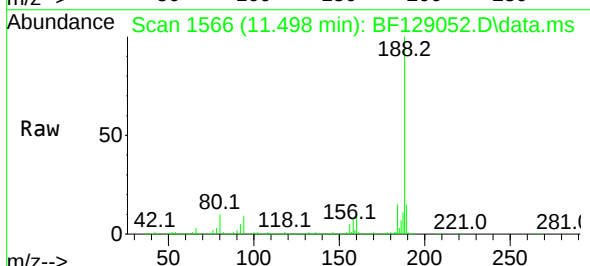
Tgt Ion: 77 Resp: 224369
Ion Ratio Lower Upper
77 100
182 25.9 5.6 45.6
105 23.0 1.6 41.6
51 29.4 15.1 55.1

Manual Integrations
APPROVED

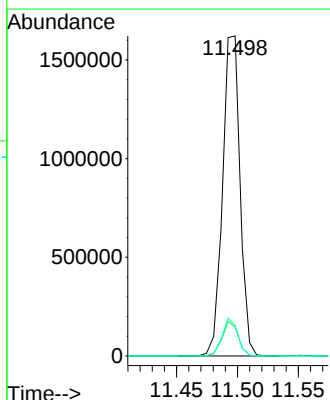
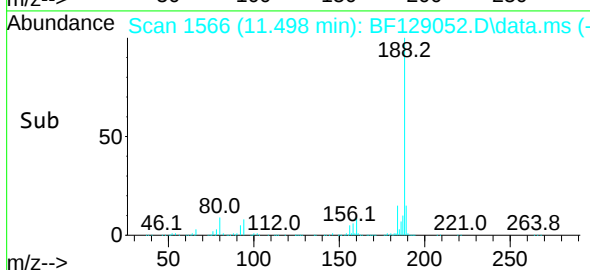
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

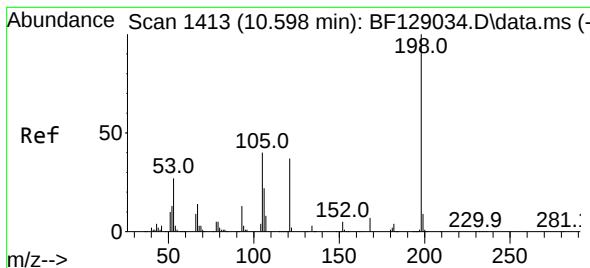


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



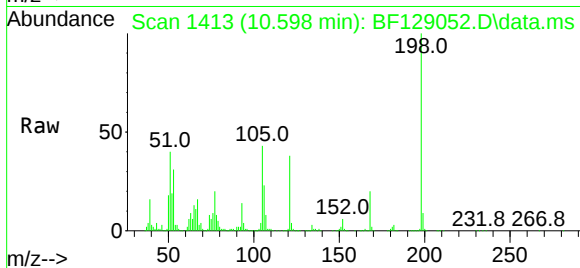
Tgt Ion:188 Resp: 1624518
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.6 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.880 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

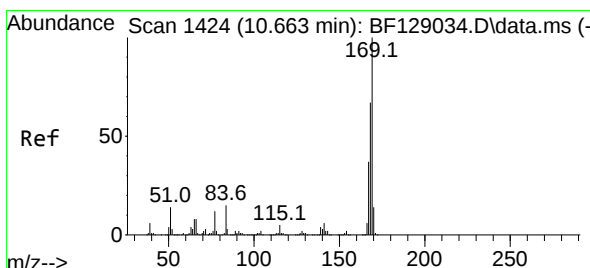
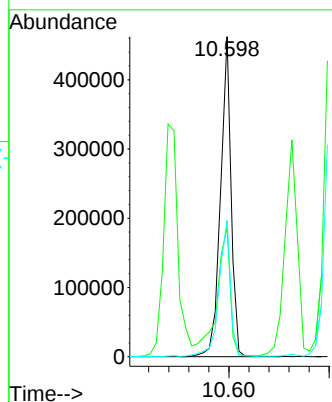
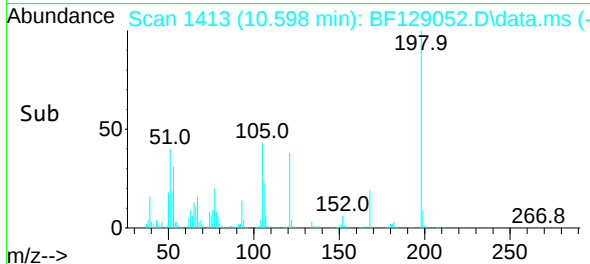
Instrument :
BNA_F
ClientSampleId :
PB145848BS



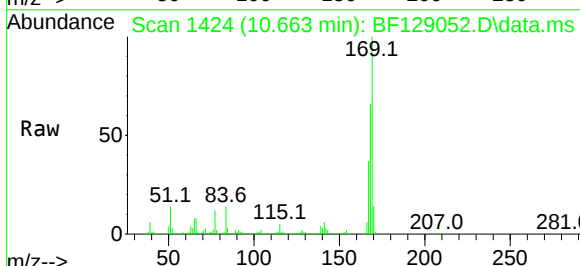
Tgt Ion:198 Resp: 336931
Ion Ratio Lower Upper
198 100
51 40.2 37.6 77.6
105 42.5 27.0 67.0

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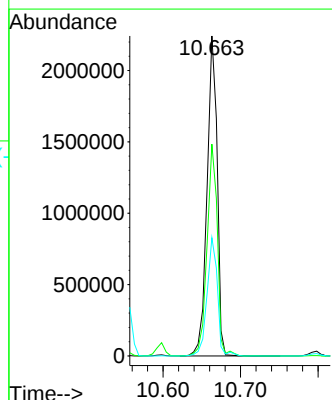
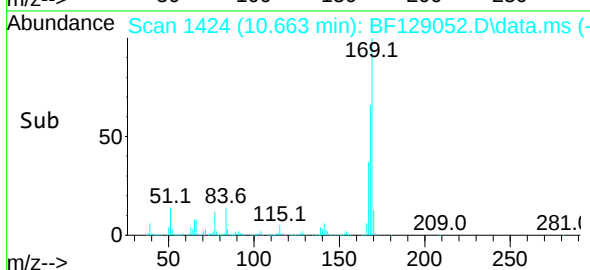
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

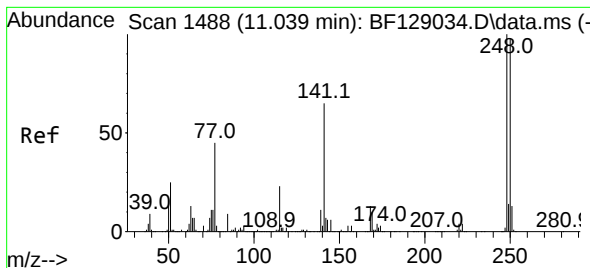


#66
n-Nitrosodiphenylamine
Concen: 41.195 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:169 Resp: 2032430
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.9 27.9 41.9





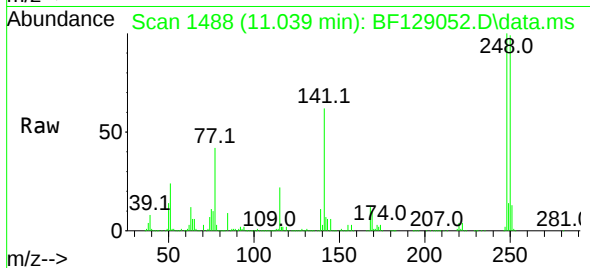
#67
4-Bromophenyl-phenylether
Concen: 41.314 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

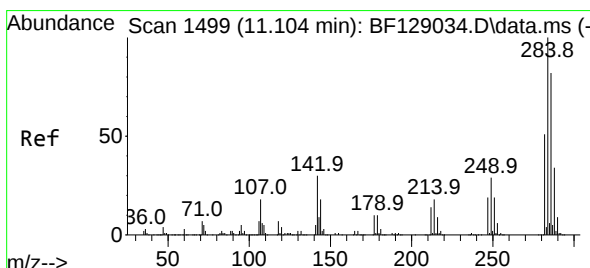
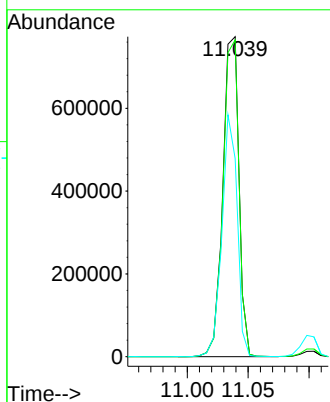
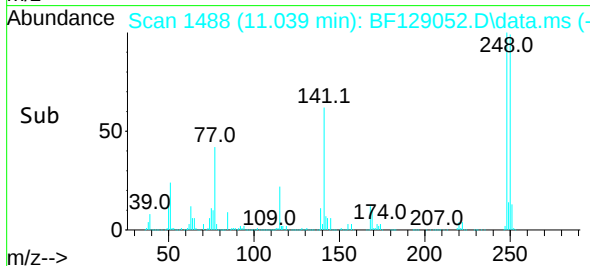


Tgt Ion:248 Resp: 713919
Ion Ratio Lower Upper
248 100
250 99.0 80.6 120.8
141 61.9 58.9 88.3

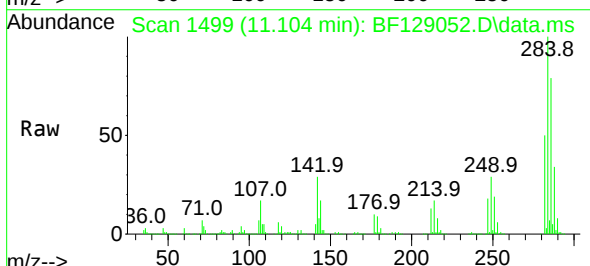
Manual Integrations

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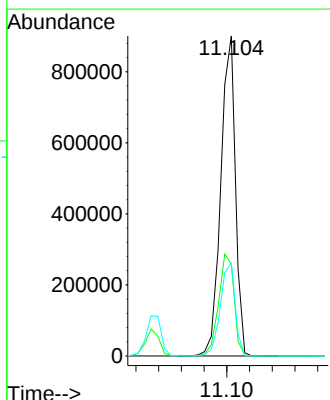
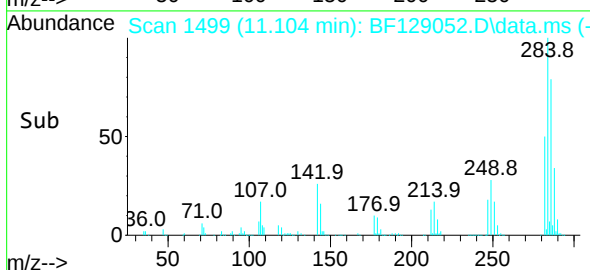
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#68
Hexachlorobenzene
Concen: 41.988 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:284 Resp: 807942
Ion Ratio Lower Upper
284 100
142 28.7 29.0 43.4#
249 29.0 25.0 37.6





#69

Atrazine

Concen: 46.082 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

Tgt Ion:200 Resp: 63976

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

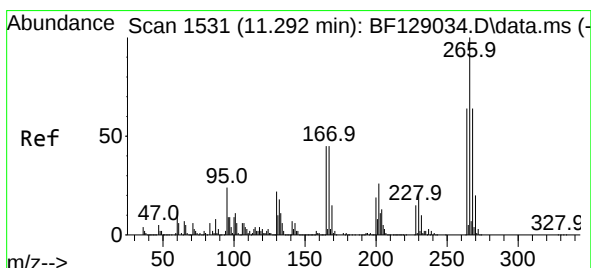
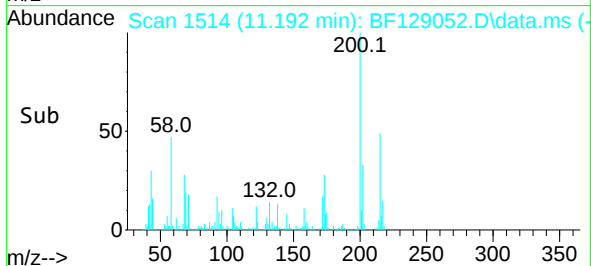
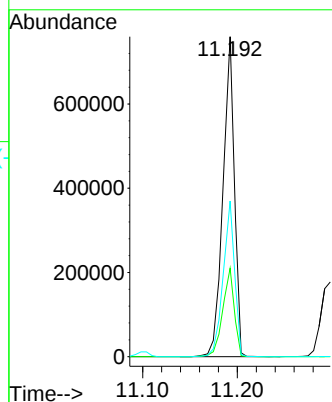
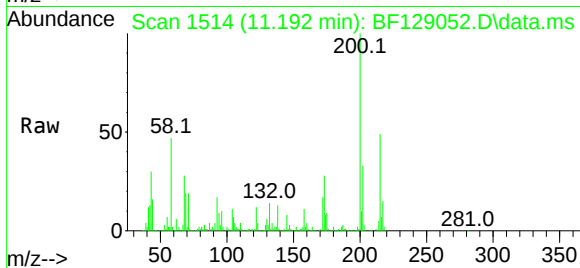
215 48.7 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/01/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 85.665 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129052.D

Acq: 30 Jun 2022 11:56

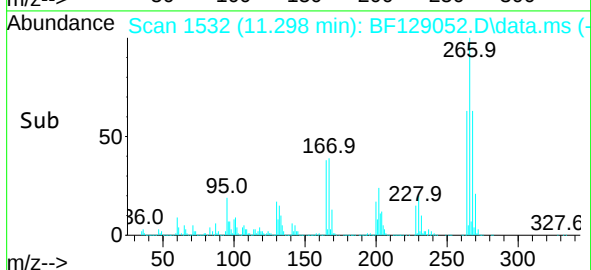
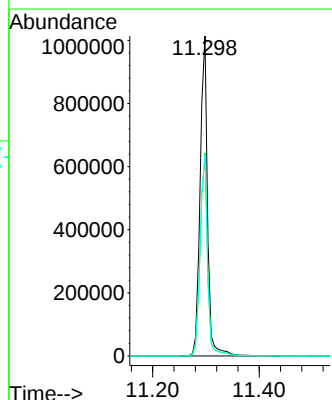
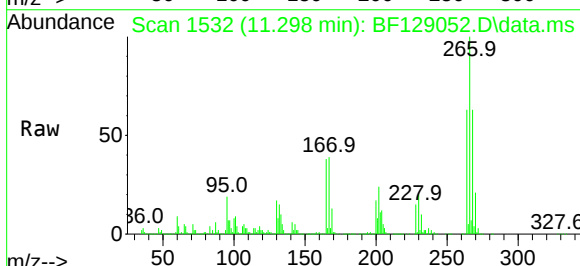
Tgt Ion:266 Resp: 981806

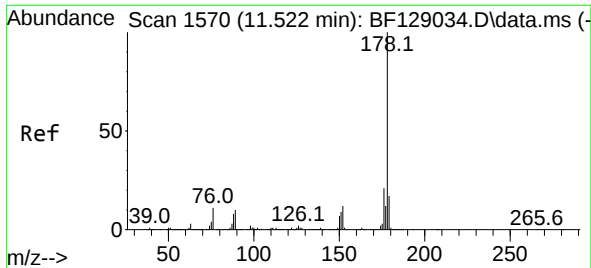
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

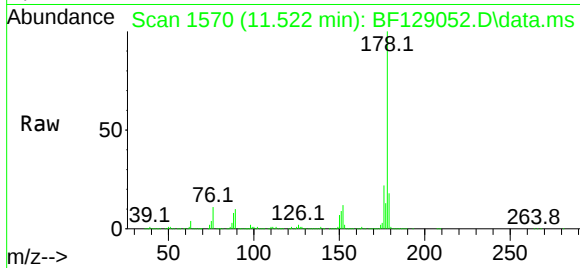
264 63.0 49.4 74.2





#71
Phenanthrene
Concen: 40.337 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

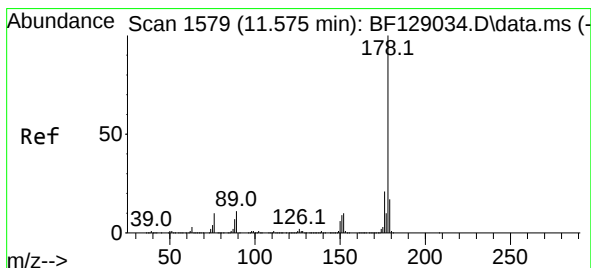
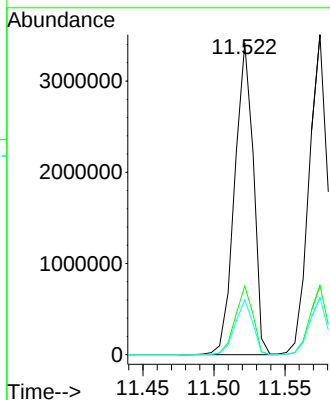
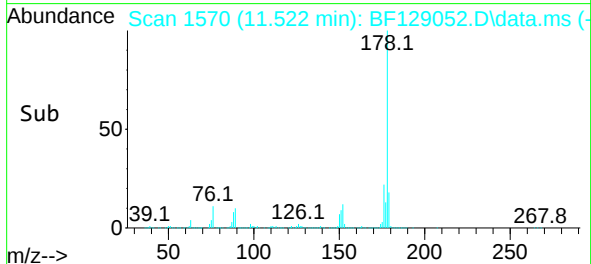
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:178 Resp: 3130954
Ion Ratio Lower Upper
178 100
176 22.0 16.0 24.0
179 17.6 12.6 19.0

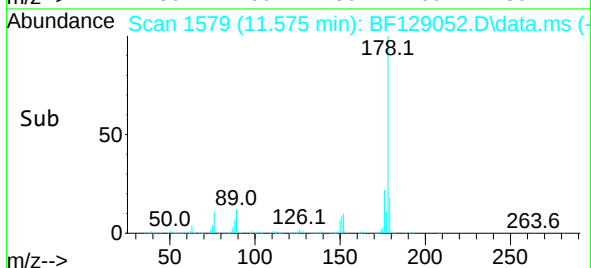
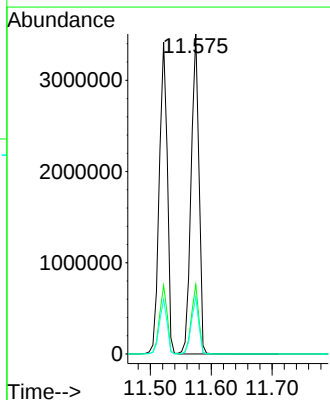
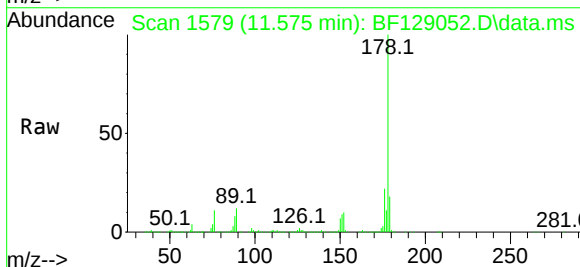
Manual Integrations
APPROVED

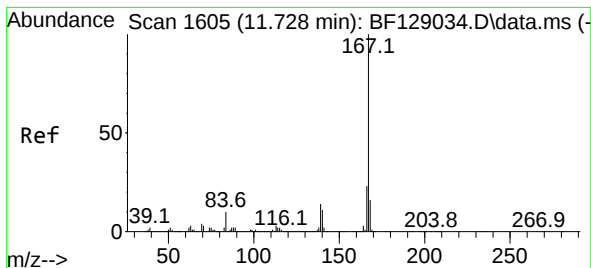
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 40.892 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion:178 Resp: 3129354
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.2
179 17.9 12.6 19.0





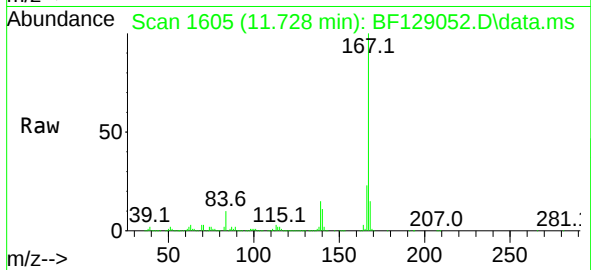
#73
 Carbazole
 Concen: 39.020 ng
 RT: 11.728 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129052.D
 Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

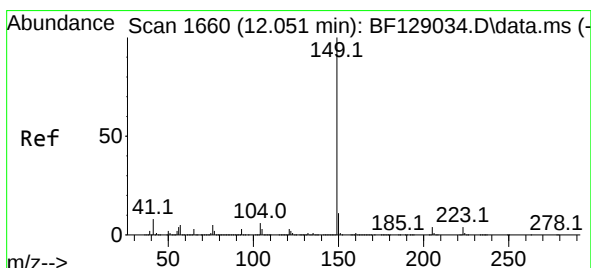
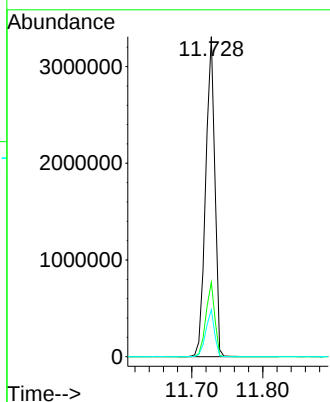
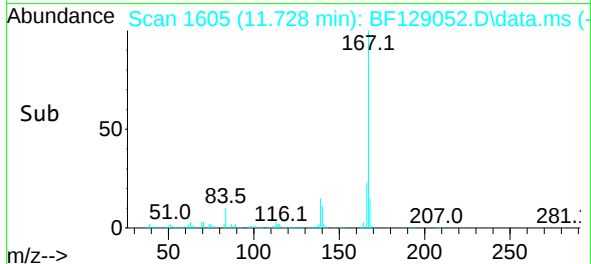


Tgt Ion:167 Resp: 299214
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.7 26.5
 139 14.7 11.2 16.8

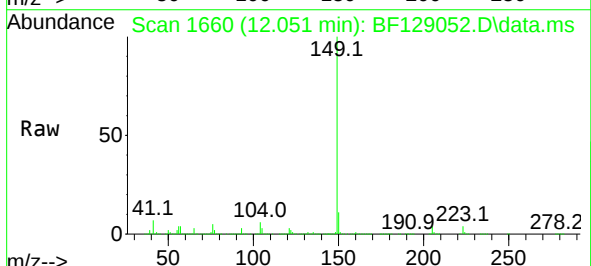
Manual Integrations

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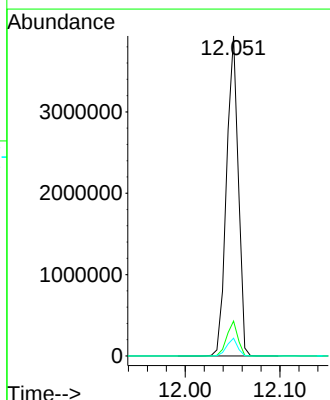
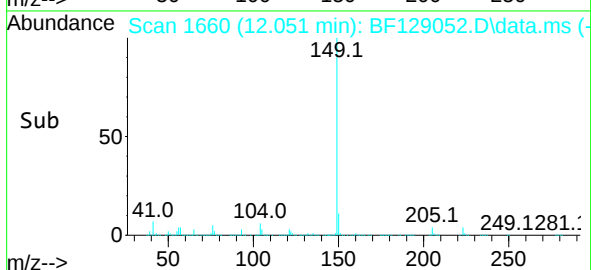
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

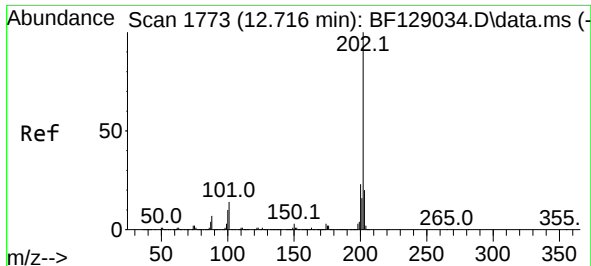


#74
 Di-n-butylphthalate
 Concen: 42.004 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129052.D
 Acq: 30 Jun 2022 11:56



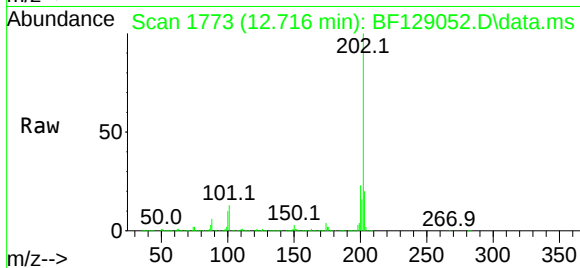
Tgt Ion:149 Resp: 3396128
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 40.136 ng
RT: 12.716 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

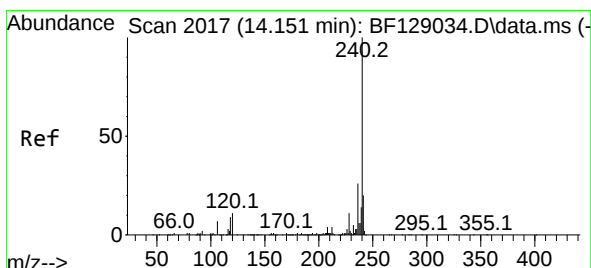
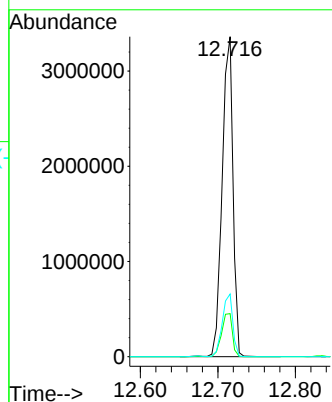
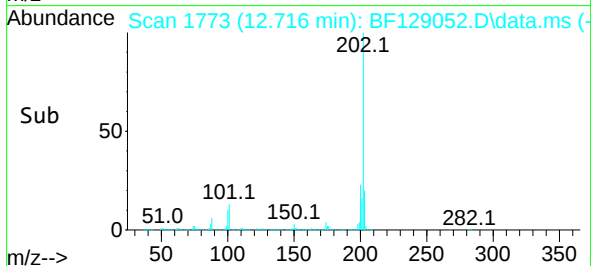
Instrument :
BNA_F
ClientSampleId :
PB145848BS



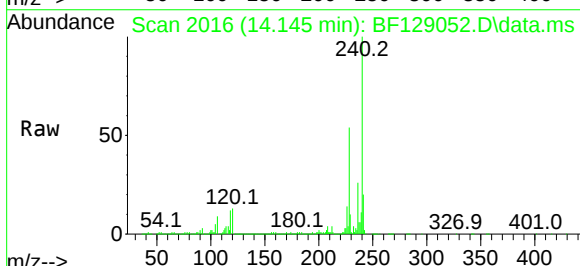
Tgt Ion:202 Resp: 3258078
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.4
203 19.6 0.0 38.0

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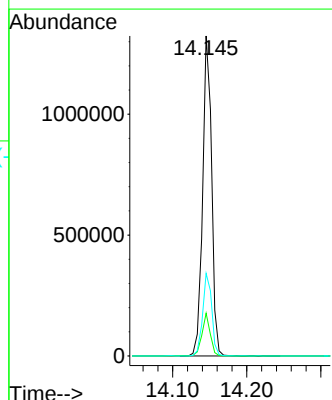
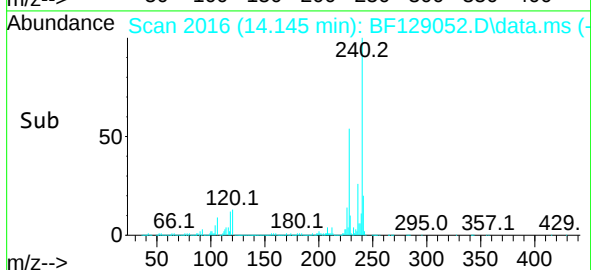
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

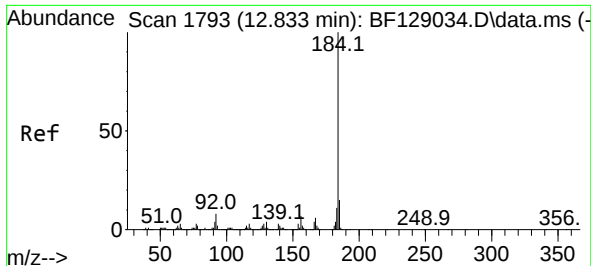


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



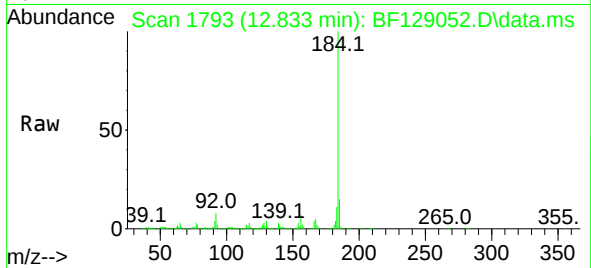
Tgt Ion:240 Resp: 1112916
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.8 20.8 31.2





#77
Benzidine
Concen: 59.801 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

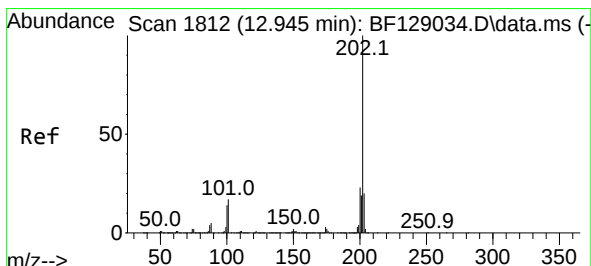
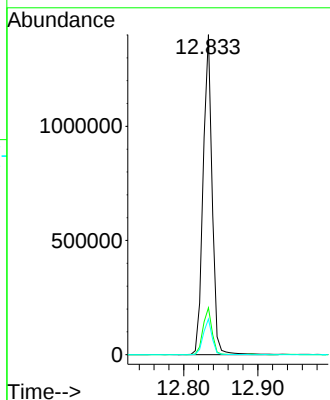
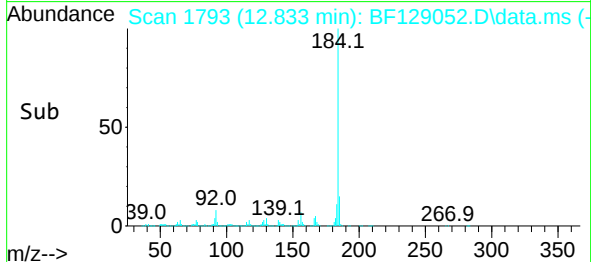
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:184 Resp: 118507
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.2 9.3 13.9

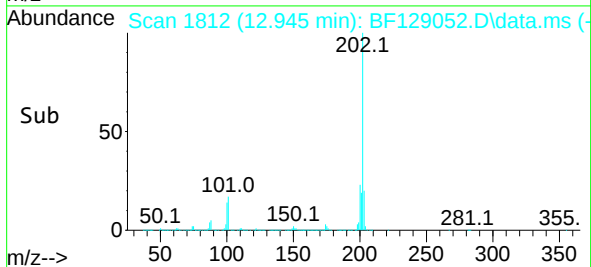
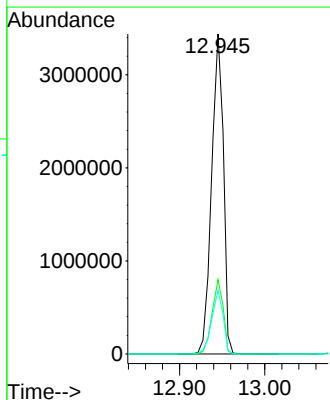
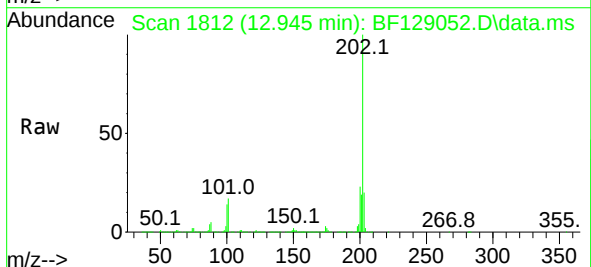
Manual Integrations
APPROVED

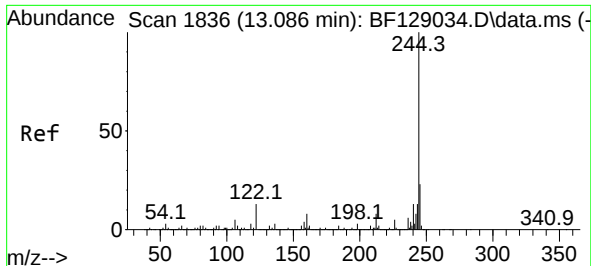
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#78
Pyrene
Concen: 43.048 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion:202 Resp: 3320811
Ion Ratio Lower Upper
202 100
200 23.3 17.7 26.5
203 19.8 14.6 21.8





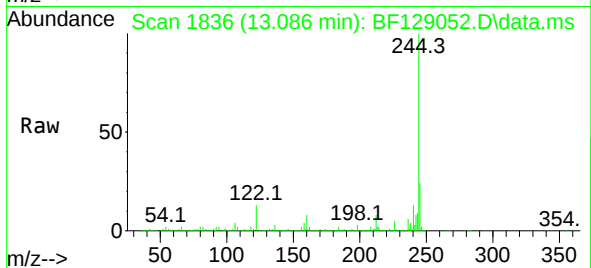
#79
 Terphenyl-d14
 Concen: 80.923 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129052.D
 Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

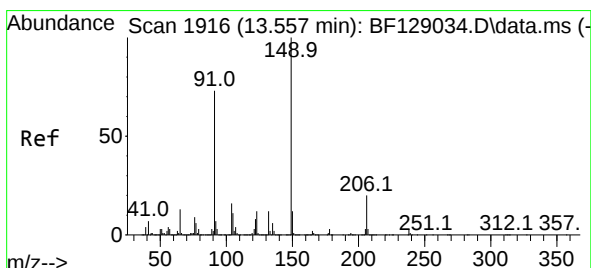
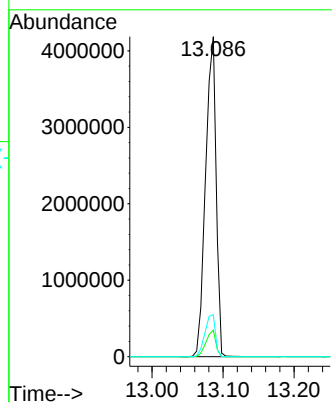
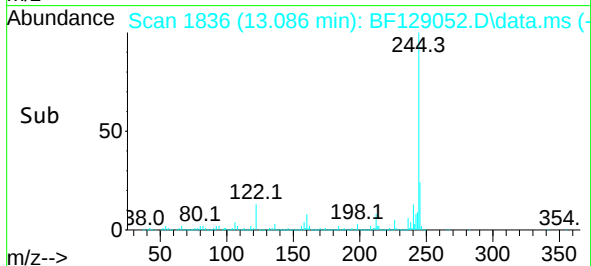


Tgt Ion:244 Resp: 4336884
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 13.1 8.8 13.2

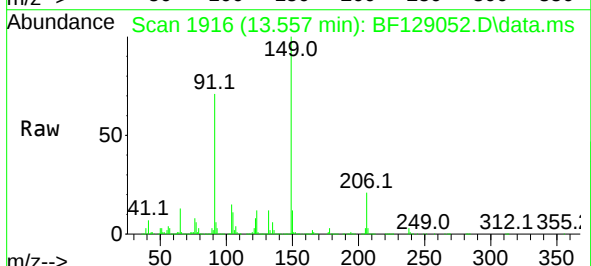
Manual Integrations

APPROVED

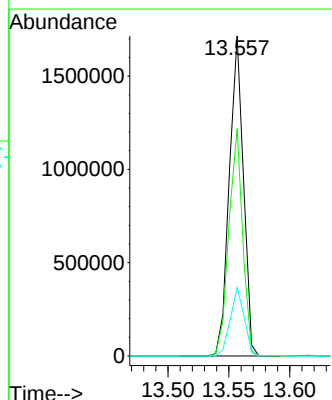
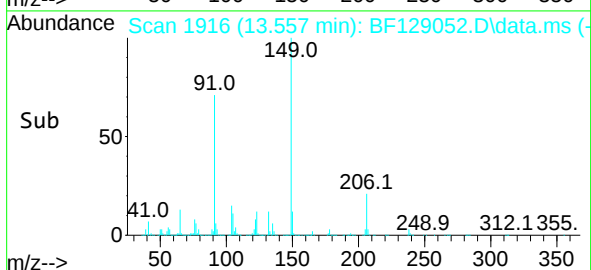
Reviewed By :Christian Giraldo 07/01/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

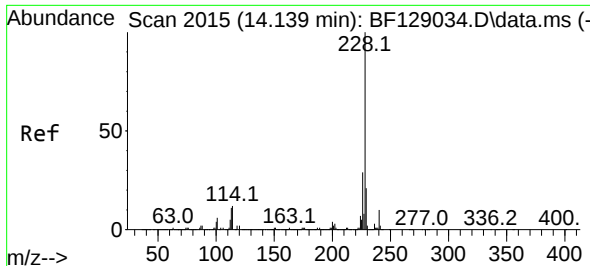


#80
 Butylbenzylphthalate
 Concen: 43.928 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129052.D
 Acq: 30 Jun 2022 11:56



Tgt Ion:149 Resp: 1380524
 Ion Ratio Lower Upper
 149 100
 91 71.0 61.2 91.8
 206 21.4 15.7 23.5





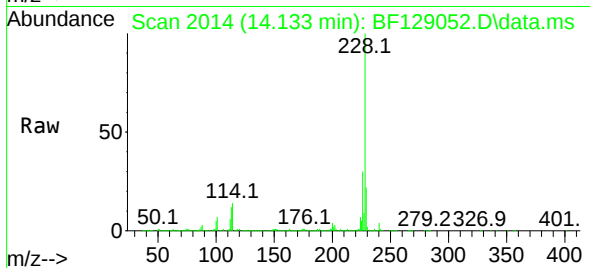
#81
Benzo(a)anthracene
Concen: 41.411 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

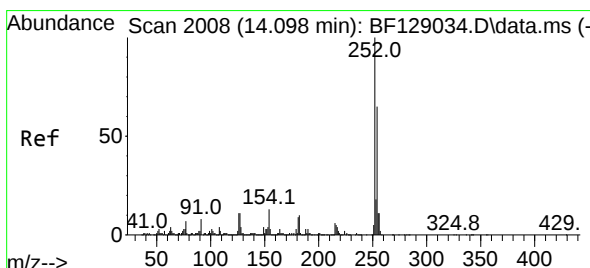
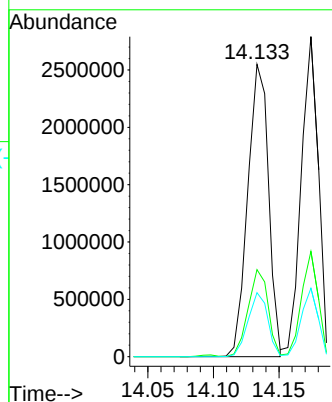
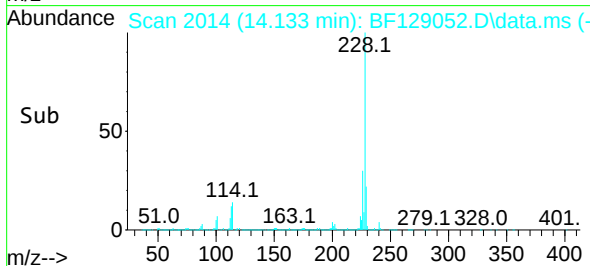


Tgt Ion:228 Resp: 2814000
Ion Ratio Lower Upper
228 100
226 29.8 22.1 33.1
229 21.9 15.8 23.8

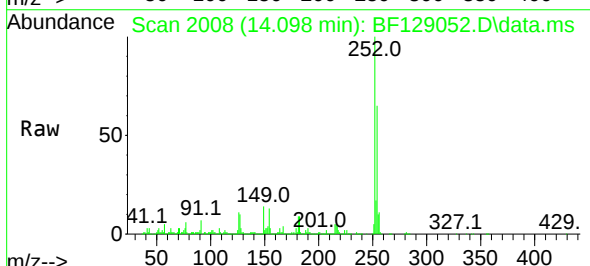
Manual Integrations

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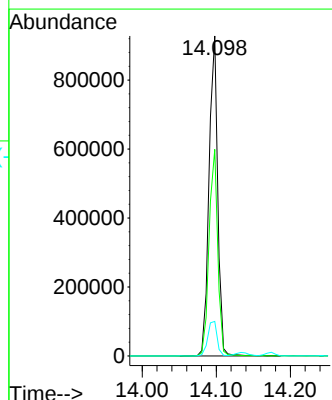
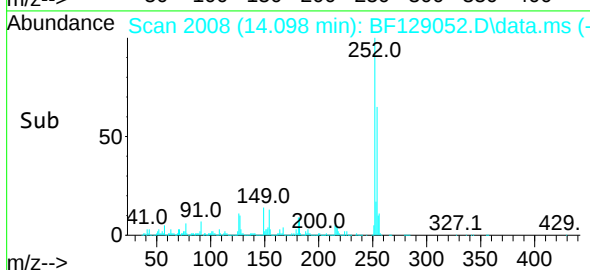
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

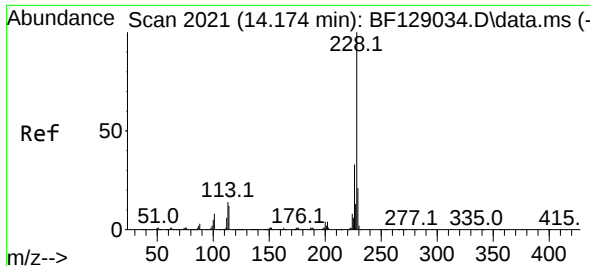


#82
3,3'-Dichlorobenzidine
Concen: 51.690 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



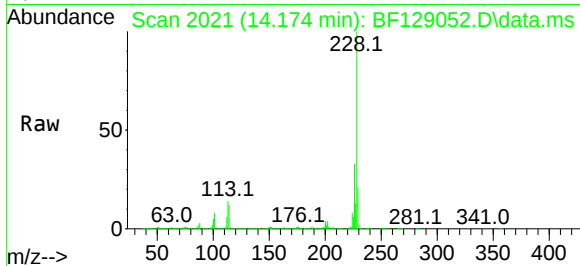
Tgt Ion:252 Resp: 758951
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 10.8 8.2 12.4





#83
Chrysene
Concen: 40.255 ng
RT: 14.174 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

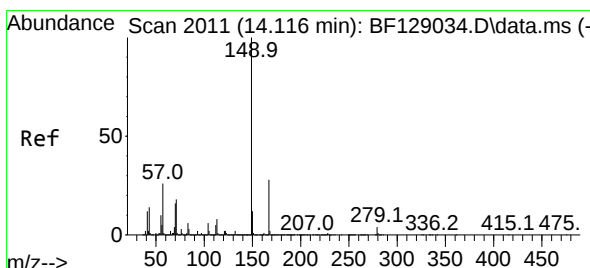
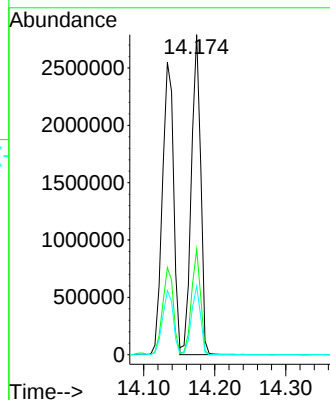
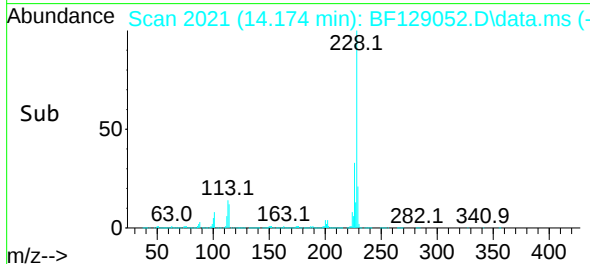
Instrument :
BNA_F
ClientSampleId :
PB145848BS



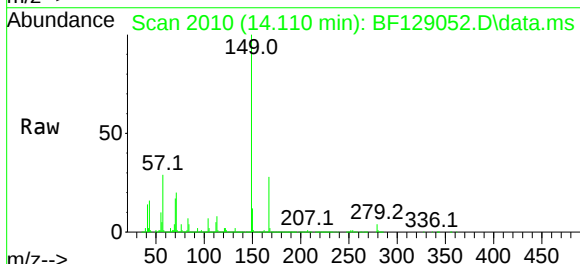
Tgt Ion:228 Resp: 253949
Ion Ratio Lower Upper
228 100
226 32.9 24.3 36.5
229 21.4 15.9 23.9

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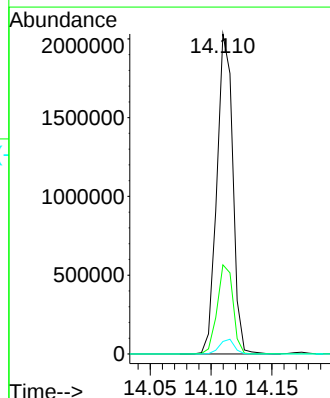
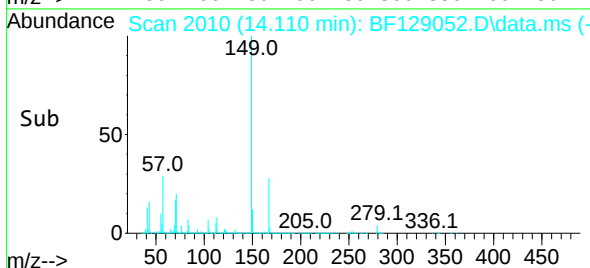
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

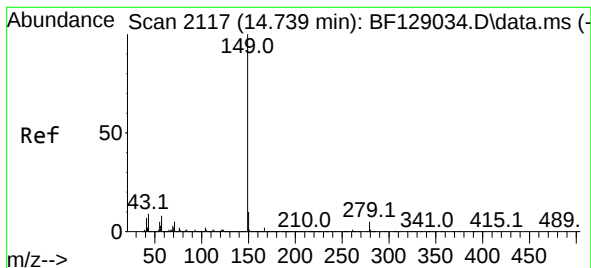


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.297 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



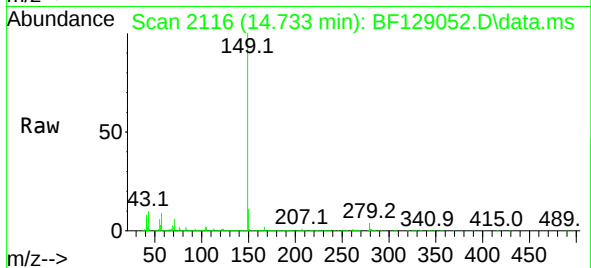
Tgt Ion:149 Resp: 1850096
Ion Ratio Lower Upper
149 100
167 27.9 21.0 31.4
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.081 ng
RT: 14.733 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

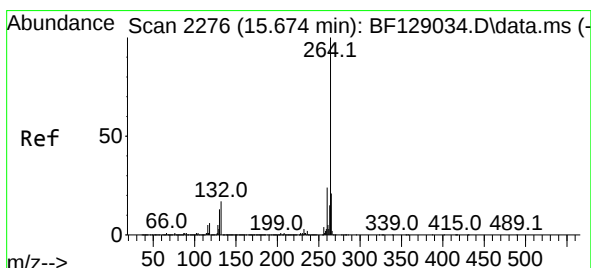
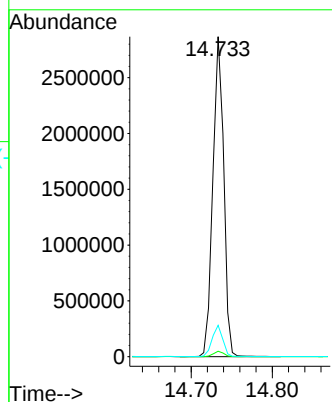
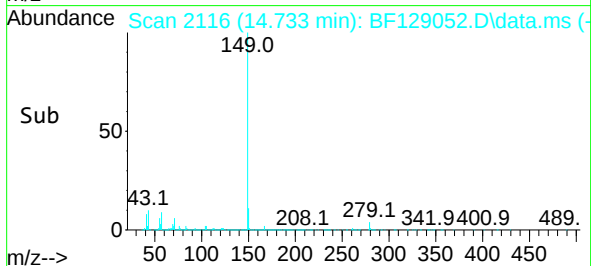
Instrument :
BNA_F
ClientSampleId :
PB145848BS



Tgt Ion:149 Resp: 2656169
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 9.2 13.8

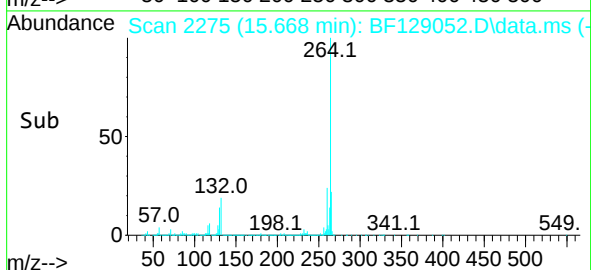
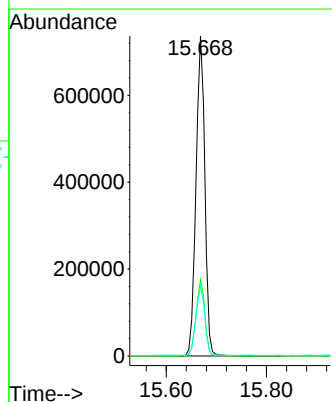
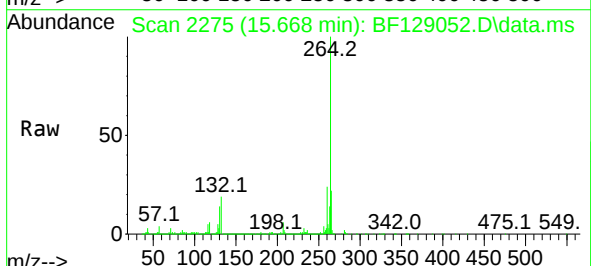
Manual Integrations
APPROVED

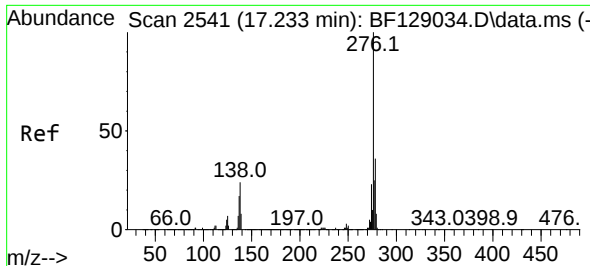
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Tgt Ion:264 Resp: 900459
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.8 17.2 25.8





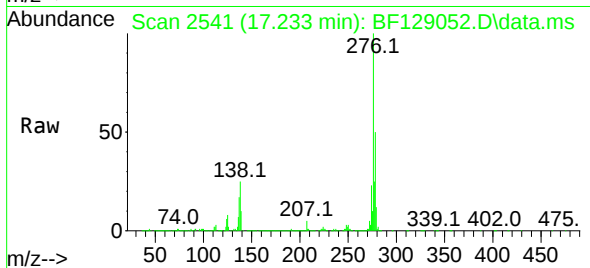
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.963 ng
RT: 17.233 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

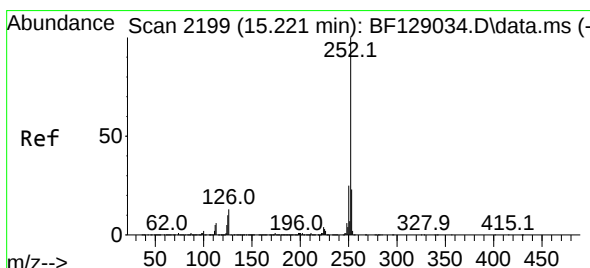
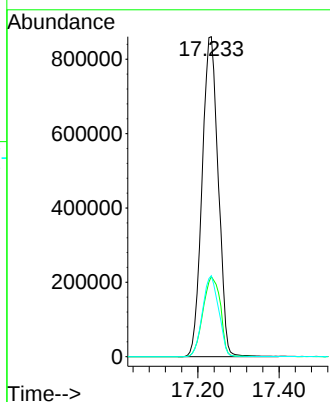
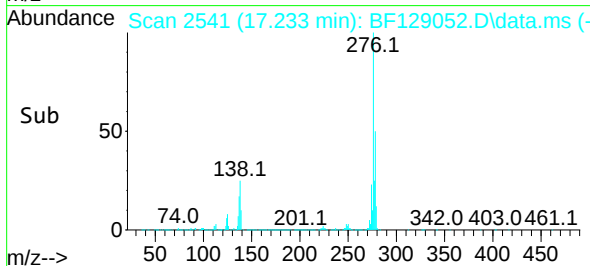
PB145848BS



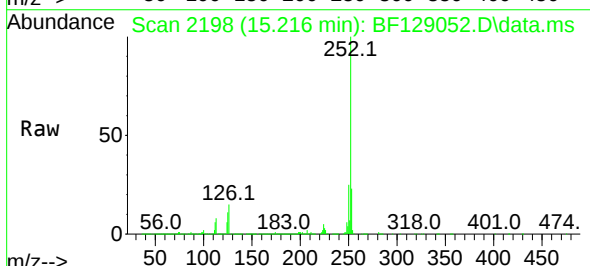
Tgt Ion:276 Resp: 237274
Ion Ratio Lower Upper
276 100
138 26.9 21.1 31.7
277 25.4 20.3 30.5

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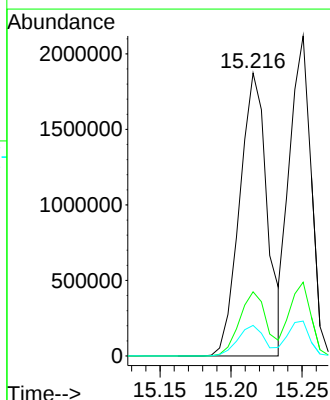
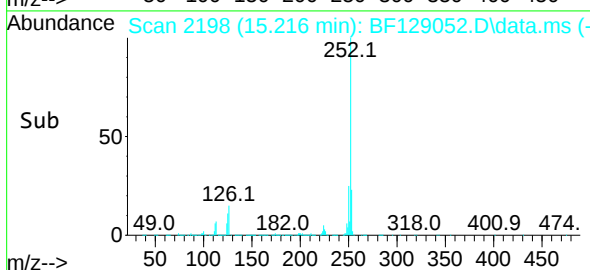
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

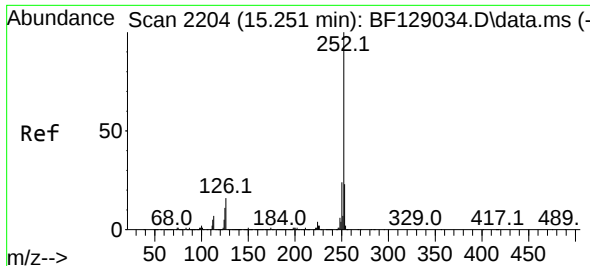


#88
Benzo(b)fluoranthene
Concen: 46.787 ng
RT: 15.216 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:252 Resp: 2533705
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.8 8.0 12.0





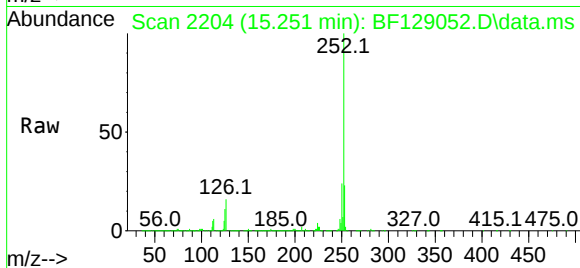
#89
Benzo(k)fluoranthene
Concen: 42.868 ng
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB145848BS

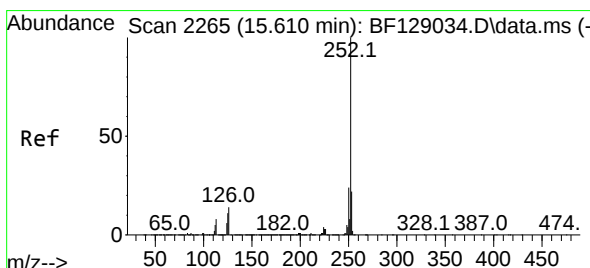
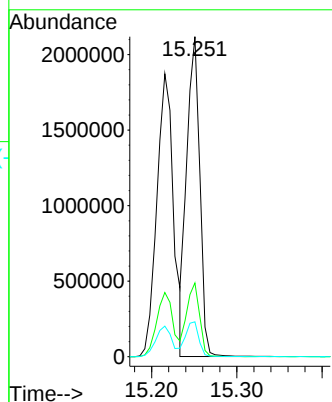
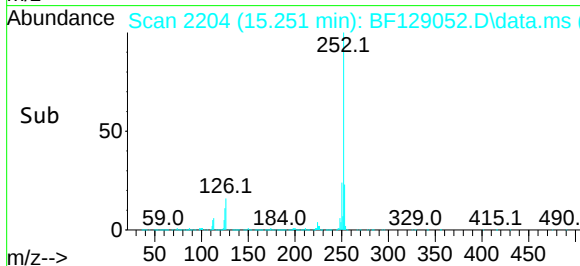


Tgt Ion:252 Resp: 2251634
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 10.9 8.3 12.5

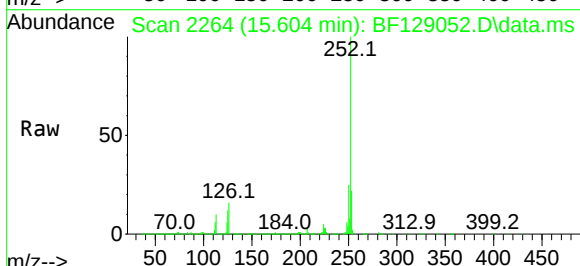
Manual Integrations

APPROVED

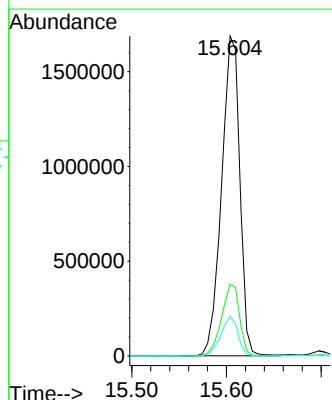
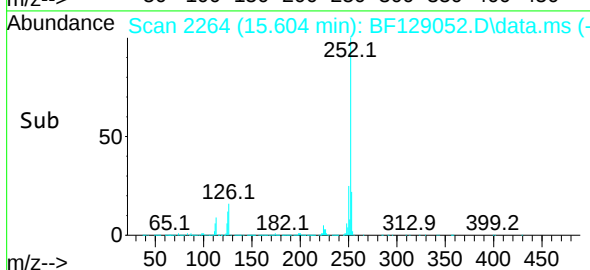
Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

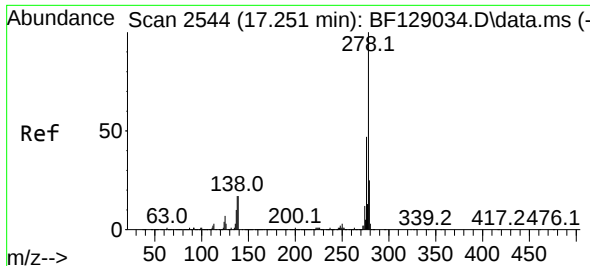


#90
Benzo(a)pyrene
Concen: 51.197 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:252 Resp: 2260143
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.3 8.8 13.2





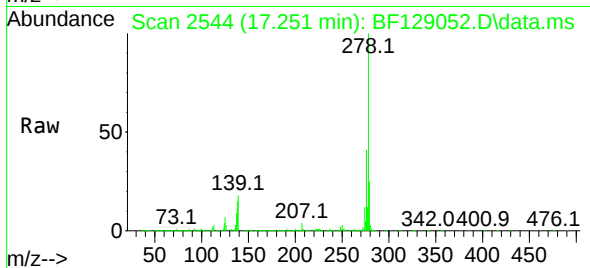
#91
Dibenzo(a,h)anthracene
Concen: 45.992 ng
RT: 17.251 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56

Instrument :

BNA_F

ClientSampleId :

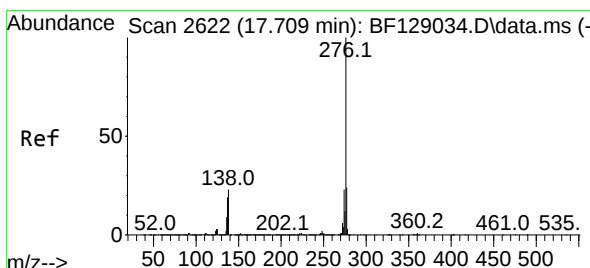
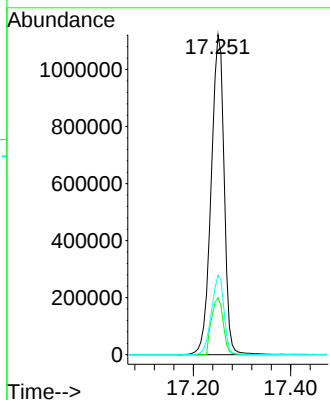
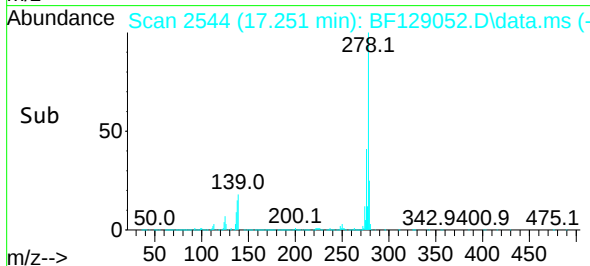
PB145848BS



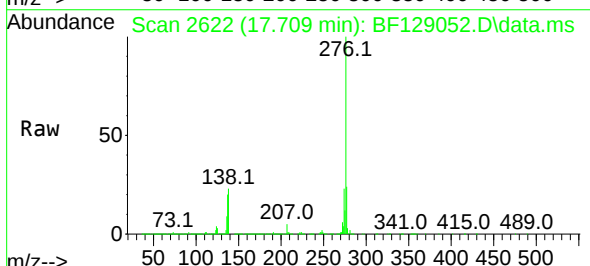
Tgt Ion:278 Resp: 2070614
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 24.8 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 45.663 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129052.D
Acq: 30 Jun 2022 11:56



Tgt Ion:276 Resp: 2062505
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 23.0 18.0 27.0

