

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129084.D
 Acq On : 01 Jul 2022 10:45
 Operator : CG\JU
 Sample : PB145957BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:24:06 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	455765	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1747630	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	894710	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1606188	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	1172935	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	903439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2881879	106.902	ng	0.01
7) Phenol-d6	6.586	99	3584455	107.058	ng	0.00
23) Nitrobenzene-d5	7.522	82	2255825	76.991	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1122932	115.425	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3968819	70.964	ng	0.00
79) Terphenyl-d14	13.086	244	4322004	76.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.963	88	379543	31.579	ng	# 86
3) Pyridine	3.734	79	1009957	34.409	ng	85
4) n-Nitrosodimethylamine	3.663	42	514963	38.724	ng	# 79
6) Aniline	6.622	93	1477239	39.451	ng	98
8) 2-Chlorophenol	6.745	128	1189869	42.011	ng	94
9) Benzaldehyde	6.510	77	750103	53.622	ng	98
10) Phenol	6.598	94	1380316	40.690	ng	91
11) bis(2-Chloroethyl)ether	6.692	93	1106292	41.203	ng	91
12) 1,3-Dichlorobenzene	6.898	146	1246195	39.970	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1274020	40.512	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1221915	41.333	ng	100
15) Benzyl Alcohol	7.098	79	941818	39.990	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1547274	40.348	ng	92
17) 2-Methylphenol	7.204	107	951852	41.300	ng	97
18) Hexachloroethane	7.469	117	455840	41.287	ng	92
19) n-Nitroso-di-n-propyla...	7.369	70	784717	40.516	ng	88
20) 3+4-Methylphenols	7.357	107	1176798	40.152	ng	92
22) Acetophenone	7.369	105	1574933	39.284	ng	# 93
24) Nitrobenzene	7.539	77	1179367	41.601	ng	95
25) Isophorone	7.781	82	2147699	43.372	ng	97
26) 2-Nitrophenol	7.857	139	621635	47.181	ng	# 85
27) 2,4-Dimethylphenol	7.886	122	1087533	45.720	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	1337502	39.329	ng	98
29) 2,4-Dichlorophenol	8.092	162	976994	40.268	ng	99
30) 1,2,4-Trichlorobenzene	8.180	180	1016228	38.063	ng	98
31) Naphthalene	8.263	128	3210729	40.469	ng	98
32) Benzoic acid	8.010	122	774778	40.597	ng	94
33) 4-Chloroaniline	8.310	127	942097	29.469	ng	96
34) Hexachlorobutadiene	8.375	225	618450	38.794	ng	99
35) Caprolactam	8.692	113	289624m	37.645	ng	
36) 4-Chloro-3-methylphenol	8.786	107	999894	40.562	ng	94
37) 2-Methylnaphthalene	8.957	142	2187731	40.980	ng	99
38) 1-Methylnaphthalene	9.057	142	2053840	39.616	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	993502	39.505	ng	99
41) Hexachlorocyclopentadiene	9.104	237	1288884	97.092	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	693954	40.511	ng	98

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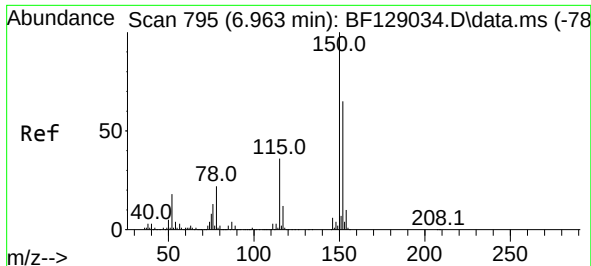
Manual Integrations
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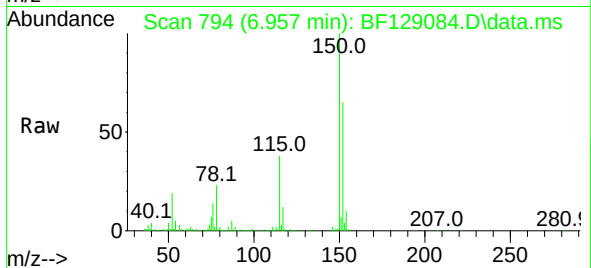
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	713794	39.175	ng	97
46) 1,1'-Biphenyl	9.422	154	2580946	40.125	ng	98
47) 2-Chloronaphthalene	9.445	162	1983776	39.937	ng	99
48) 2-Nitroaniline	9.539	65	593552	45.369	ng	87
49) Acenaphthylene	9.869	152	3112051	41.231	ng	98
50) Dimethylphthalate	9.722	163	2240658	40.031	ng	99
51) 2,6-Dinitrotoluene	9.786	165	518666	45.347	ng	# 87
52) Acenaphthene	10.039	154	2215188	45.057	ng	98
53) 3-Nitroaniline	9.957	138	473601	34.722	ng	# 85
54) 2,4-Dinitrophenol	10.063	184	599999	95.544	ng	# 75
55) Dibenzofuran	10.210	168	2800739	39.122	ng	96
56) 4-Nitrophenol	10.116	139	990765	88.902	ng	87
57) 2,4-Dinitrotoluene	10.192	165	693309	49.100	ng	# 81
58) Fluorene	10.551	166	2197479	39.683	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	603995	40.012	ng	100
60) Diethylphthalate	10.422	149	2222706	39.630	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	1064123	38.568	ng	95
62) 4-Nitroaniline	10.580	138	586773	43.383	ng	87
63) Azobenzene	10.704	77	2126617	38.700	ng	93
65) 4,6-Dinitro-2-methylph...	10.598	198	334199	47.031	ng	82
66) n-Nitrosodiphenylamine	10.663	169	1956758	40.113	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	681640	39.896	ng	99
68) Hexachlorobenzene	11.098	284	775977	40.787	ng	100
69) Atrazine	11.192	200	644446	46.949	ng	99
70) Pentachlorophenol	11.298	266	919979	81.186	ng	99
71) Phenanthrene	11.521	178	2991083	38.975	ng	96
72) Anthracene	11.574	178	3036950	40.137	ng	96
73) Carbazole	11.727	167	2919419	38.506	ng	98
74) Di-n-butylphthalate	12.051	149	3179417	39.773	ng	98
75) Fluoranthene	12.710	202	3209652	39.991	ng	94
77) Benzidine	12.833	184	1688248	80.833	ng	99
78) Pyrene	12.945	202	3257196	40.062	ng	97
80) Butylbenzylphthalate	13.557	149	1390811	41.991	ng	91
81) Benzo(a)anthracene	14.133	228	2856885	39.891	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	821107	53.061	ng	98
83) Chrysene	14.174	228	2583408	38.856	ng	95
84) Bis(2-ethylhexyl)phtha...	14.110	149	1859588	42.246	ng	96
85) Di-n-octyl phthalate	14.733	149	2713832	41.764	ng	95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2137517	38.576	ng	99
88) Benzo(b)fluoranthene	15.215	252	2412896	44.410	ng	99
89) Benzo(k)fluoranthene	15.245	252	2348503	44.565	ng	97
90) Benzo(a)pyrene	15.604	252	2013874	45.468	ng	97
91) Dibenzo(a,h)anthracene	17.245	278	1841321	40.764	ng	97
92) Benzo(g,h,i)perylene	17.703	276	1836999	40.536	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

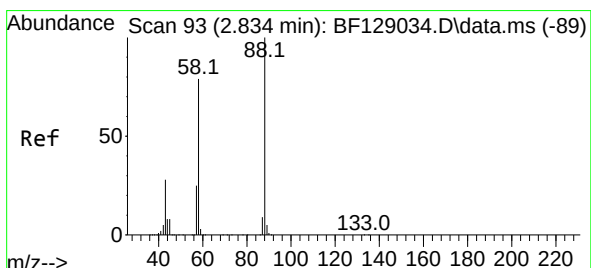
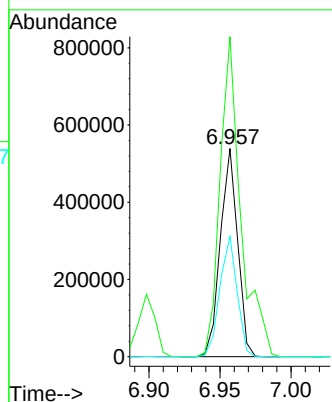
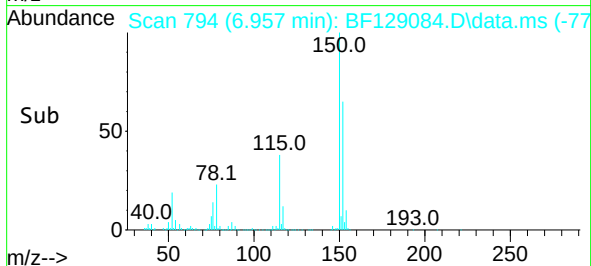
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion:152 Resp: 455768
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 57.8 49.9 74.9

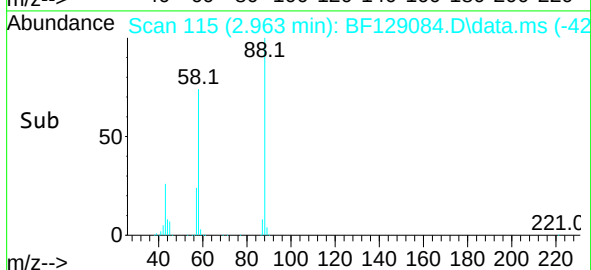
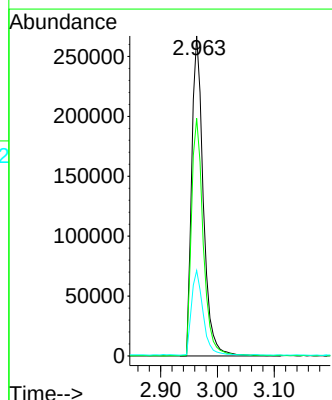
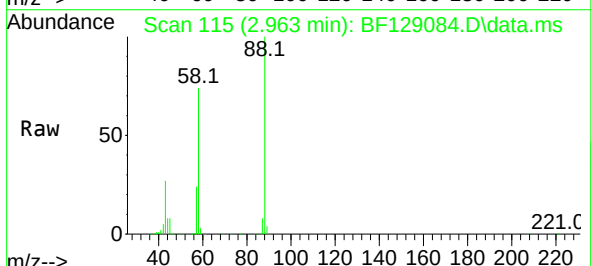
Manual Integrations
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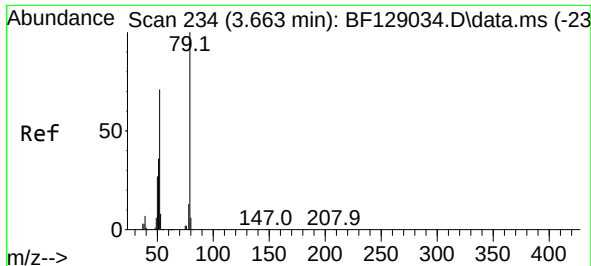
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#2
1,4-Dioxane
Concen: 31.579 ng
RT: 2.963 min Scan# 115
Delta R.T. 0.129 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

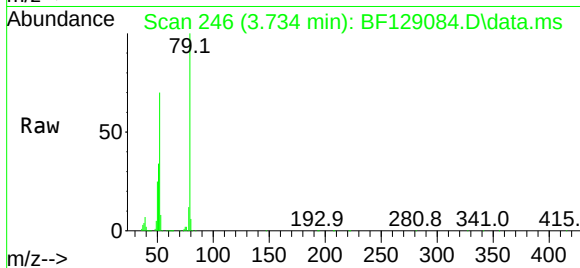
Tgt Ion: 88 Resp: 379543
Ion Ratio Lower Upper
88 100
58 75.6 71.8 107.8
43 26.5 26.6 39.8





#3
Pyridine
Concen: 34.409 ng
RT: 3.734 min Scan# 24
Delta R.T. 0.070 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

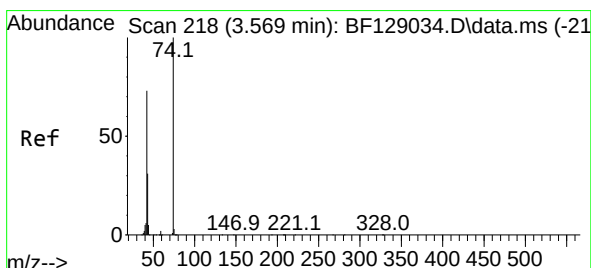
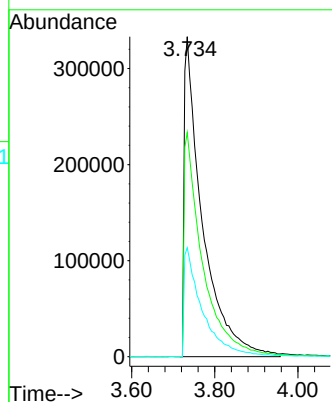
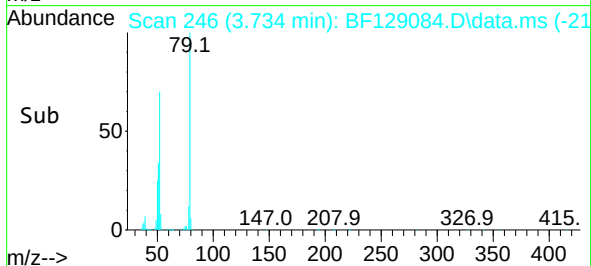
Instrument :
BNA_F
ClientSampleId :
PB145957BS



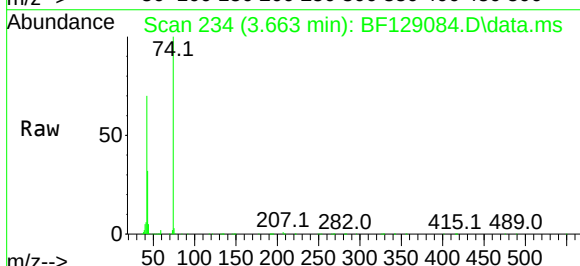
Tgt Ion: 79 Resp: 100995
Ion Ratio Lower Upper
79 100
52 70.1 68.6 102.8
51 34.0 32.9 49.3

Manual Integrations
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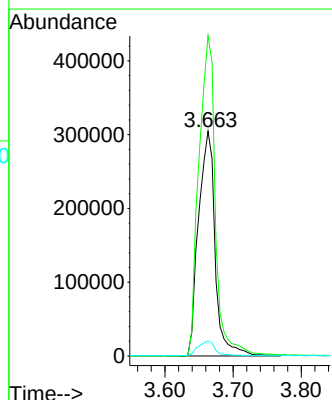
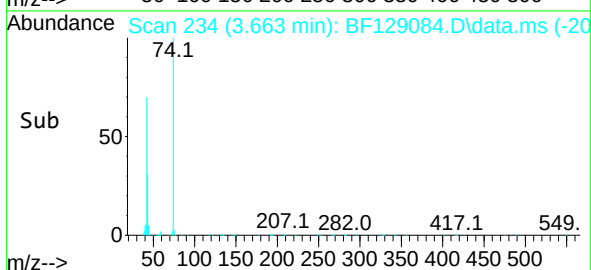
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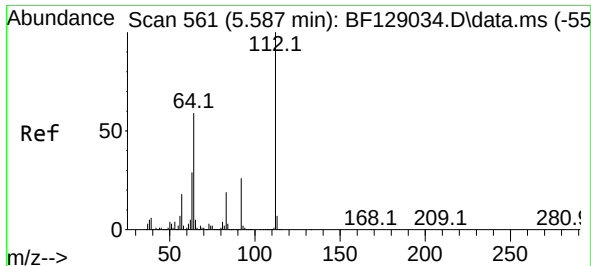


#4
n-Nitrosodimethylamine
Concen: 38.724 ng
RT: 3.663 min Scan# 234
Delta R.T. 0.094 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion: 42 Resp: 514963
Ion Ratio Lower Upper
42 100
74 142.5 94.8 142.2#
44 6.6 6.6 10.0





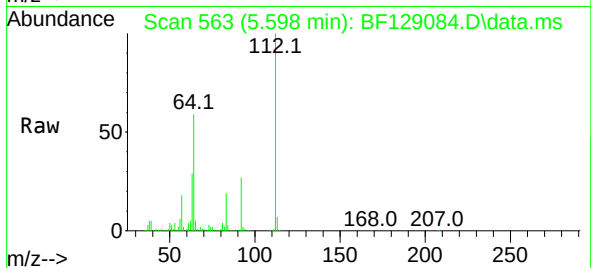
#5
2-Fluorophenol
Concen: 106.902 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

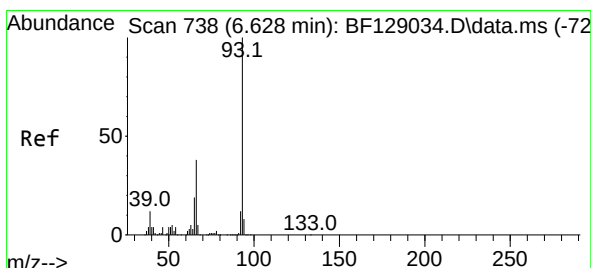
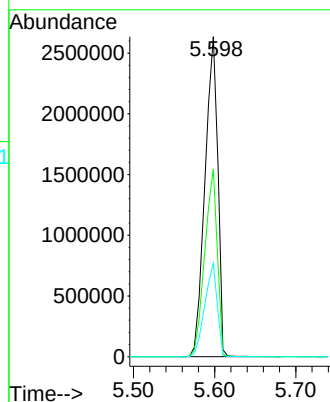
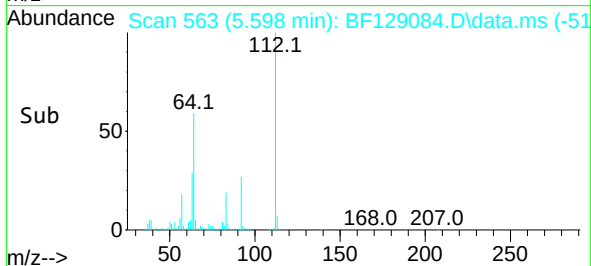


Tgt Ion: 112 Resp: 2881879
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 29.2 28.0 42.0

Manual Integrations

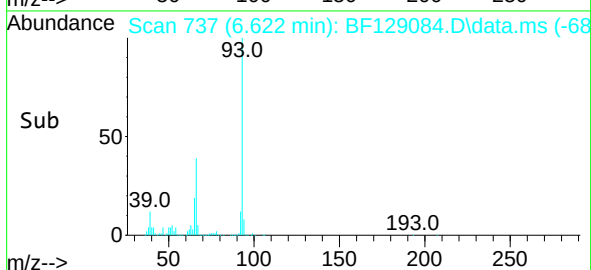
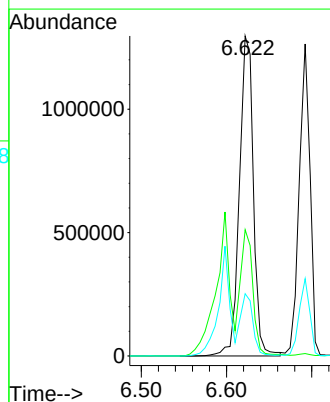
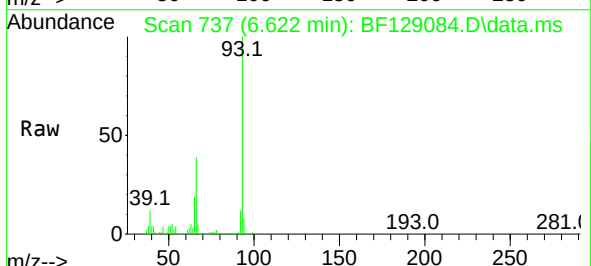
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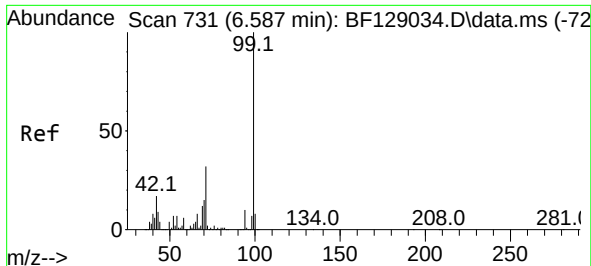
Reviewed By :Christian Giraldo 07/05/2022
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#6
Aniline
Concen: 39.451 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

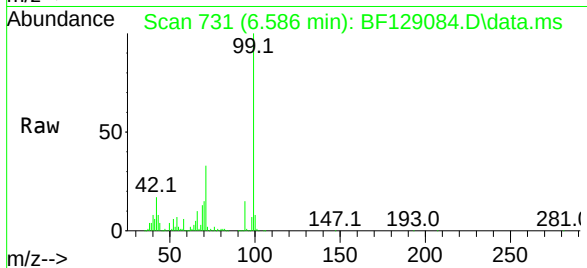
Tgt Ion: 93 Resp: 1477239
Ion Ratio Lower Upper
93 100
66 39.4 32.5 48.7
65 19.4 16.4 24.6





#7
Phenol-d6
Concen: 107.058 ng
RT: 6.586 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

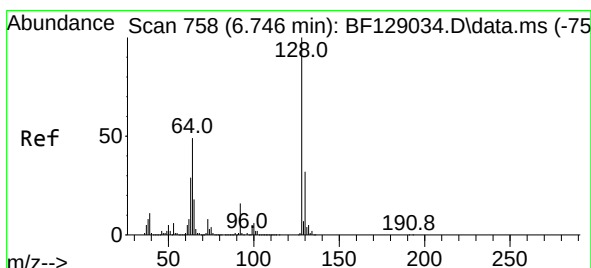
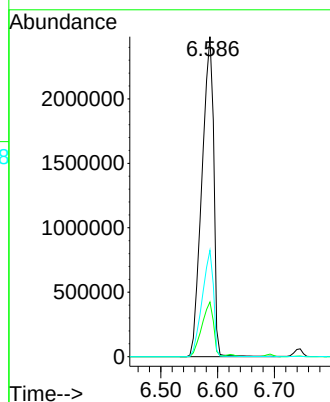
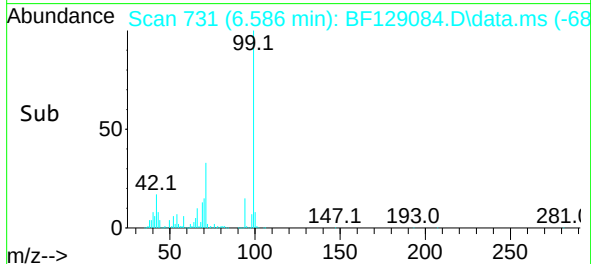
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 358445
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9
71 33.2 28.9 43.3

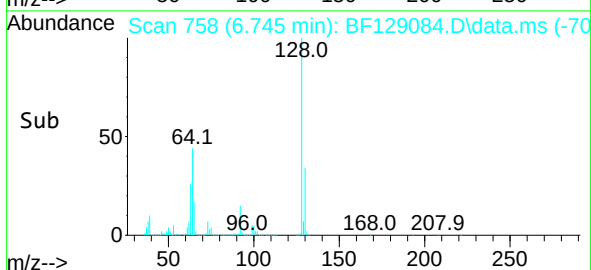
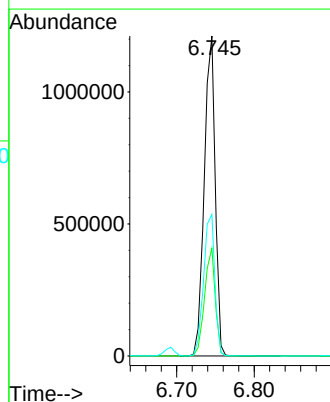
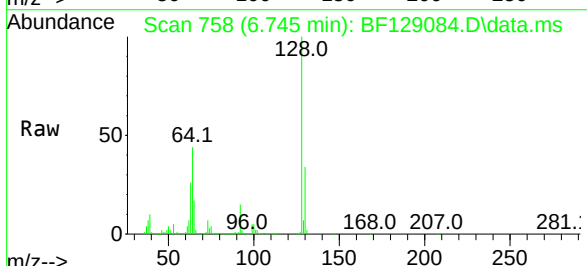
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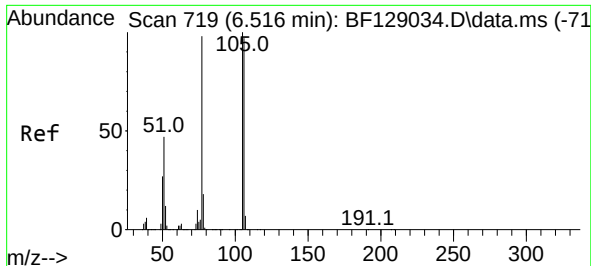
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#8
2-Chlorophenol
Concen: 42.011 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

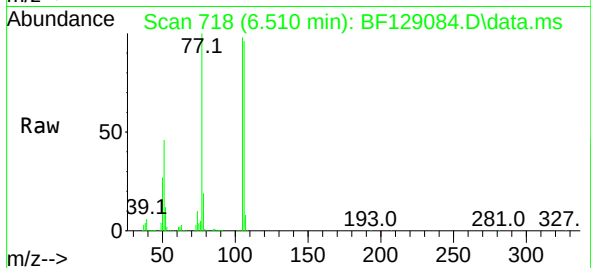
Tgt Ion:128 Resp: 1189869
Ion Ratio Lower Upper
128 100
130 33.6 13.1 53.1
64 44.2 30.9 70.9





#9
Benzaldehyde
Concen: 53.622 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

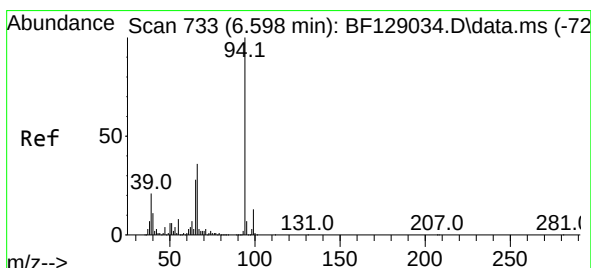
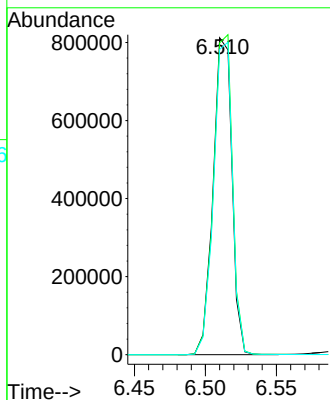
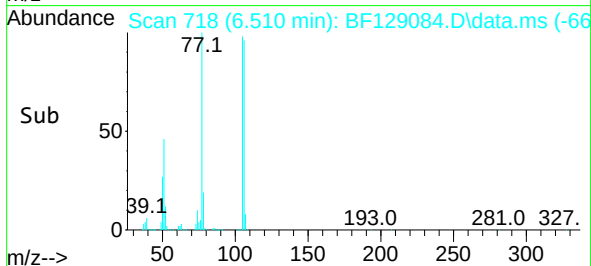
Instrument :
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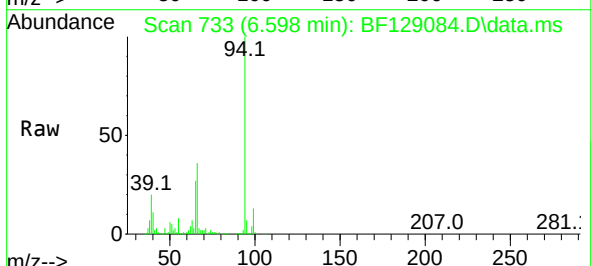
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Ion Ratio Lower Upper
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106 96.4 76.1 116.1

Manual Integrations
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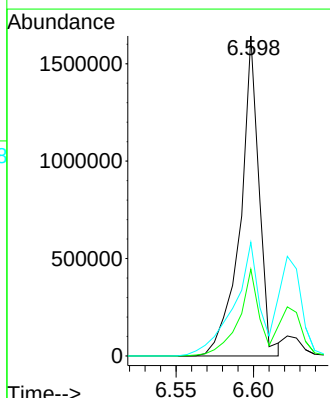
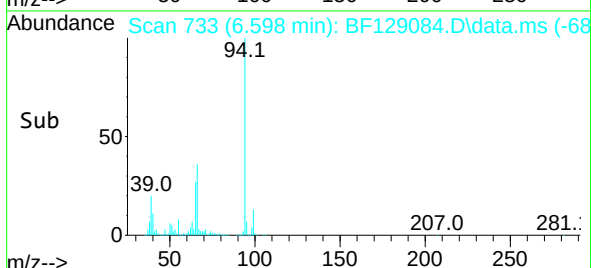
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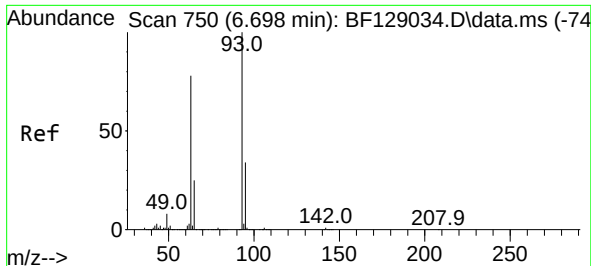


#10
Phenol
Concen: 40.690 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



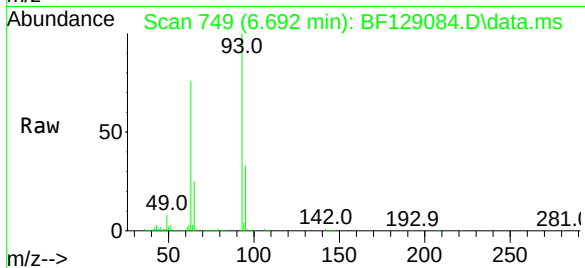
Tgt Ion: 94 Resp: 1380316
Ion Ratio Lower Upper
94 100
65 27.1 11.4 51.4
66 35.5 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 41.203 ng
RT: 6.692 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

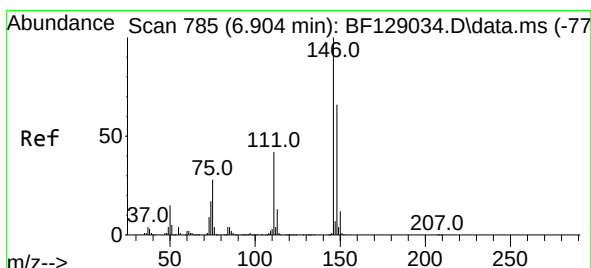
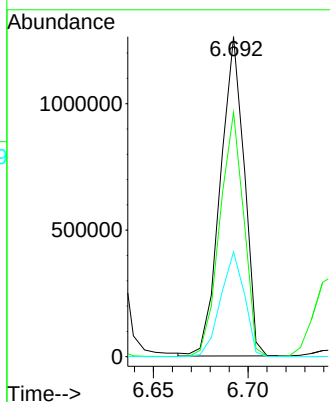
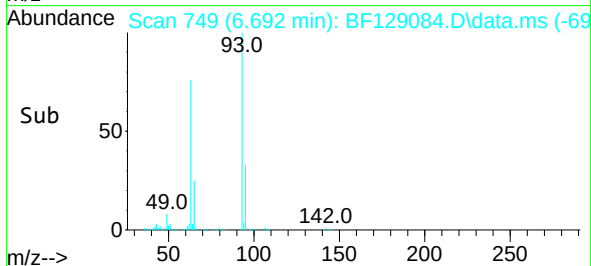
Instrument :
BNA_F
ClientSampleId :
PB145957BS



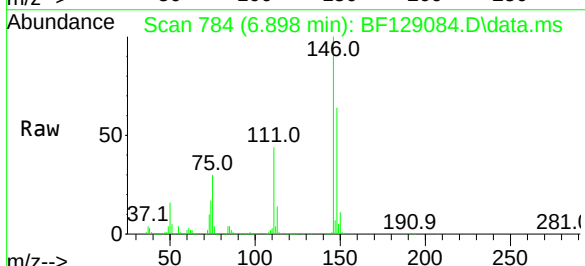
Tgt Ion: 93 Resp: 110629
Ion Ratio Lower Upper
93 100
63 76.4 67.4 107.4
95 32.8 12.7 52.7

Manual Integrations
APPROVED

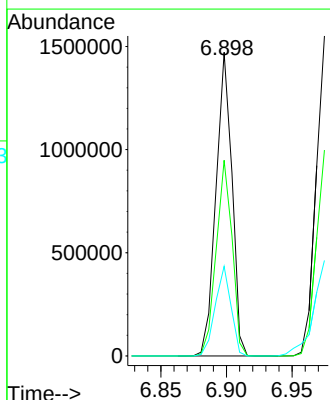
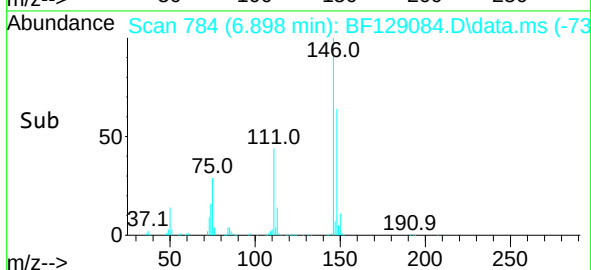
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

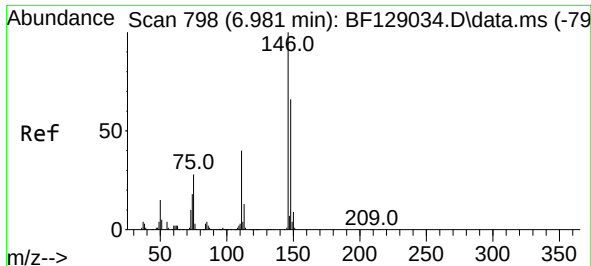


#12
1,3-Dichlorobenzene
Concen: 39.970 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:146 Resp: 1246195
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 29.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.512 ng

RT: 6.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:146 Resp: 1274020

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

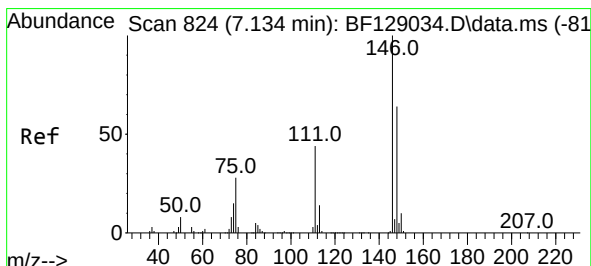
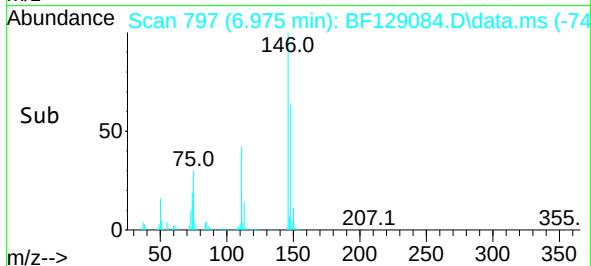
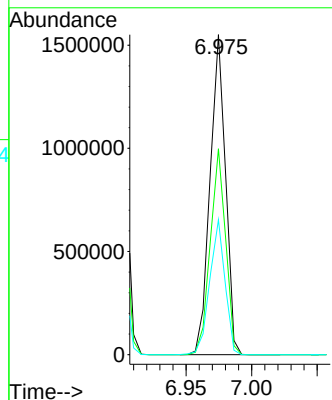
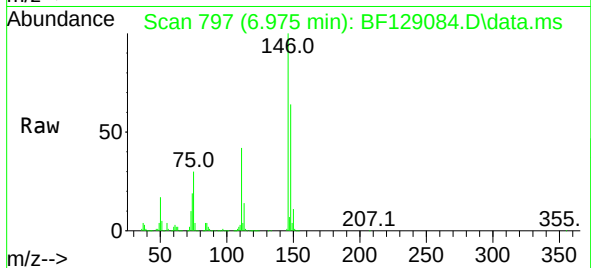
111 42.2 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#14

1,2-Dichlorobenzene

Concen: 41.333 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

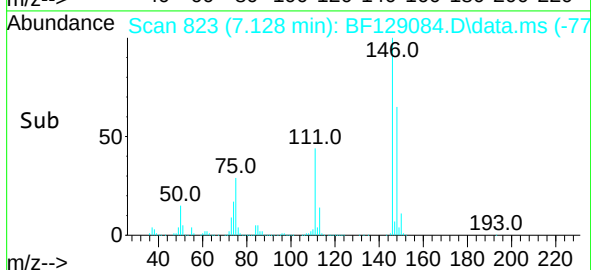
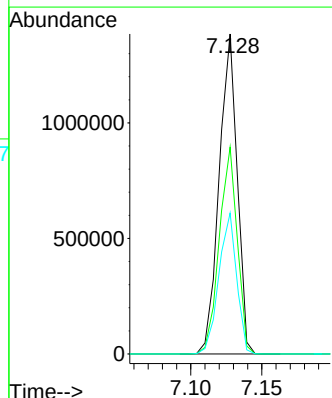
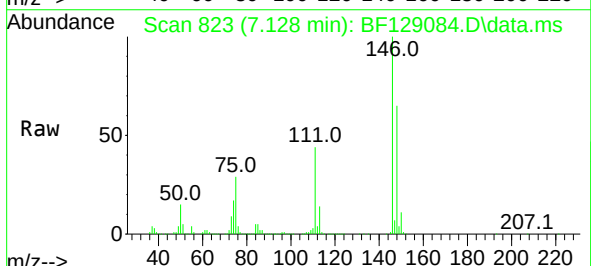
Tgt Ion:146 Resp: 1221915

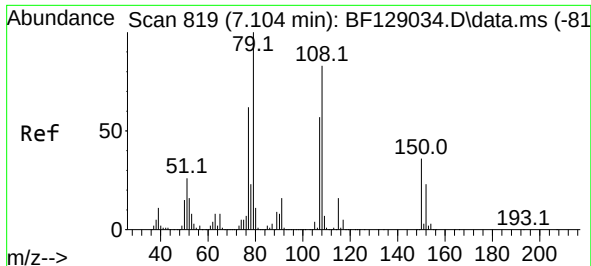
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

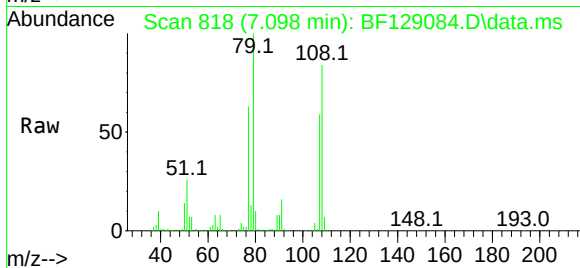
111 44.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 39.990 ng
RT: 7.098 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

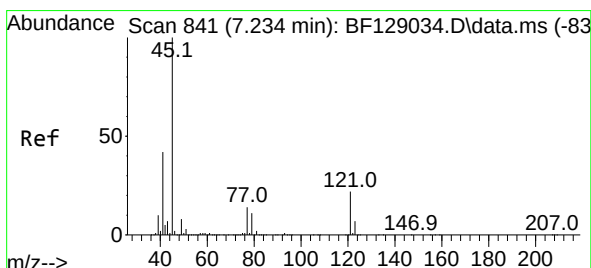
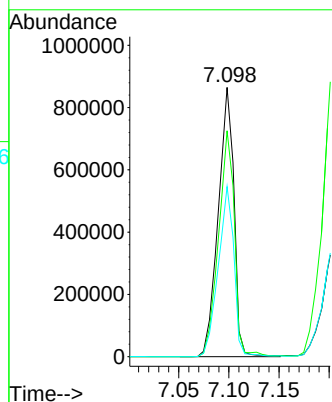
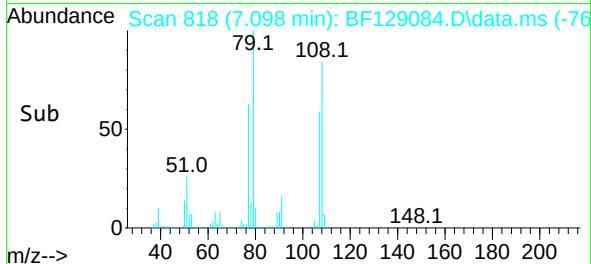
Instrument :
BNA_F
ClientSampleId :
PB145957BS



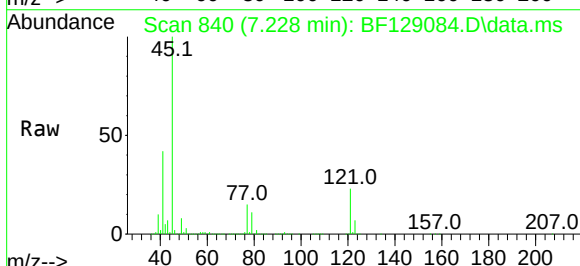
Tgt Ion: 79 Resp: 941818
Ion Ratio Lower Upper
79 100
108 83.9 61.8 92.6
77 63.1 50.2 75.4

Manual Integrations
APPROVED

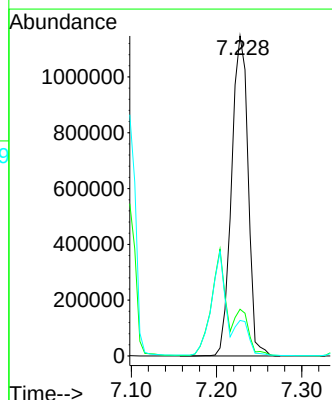
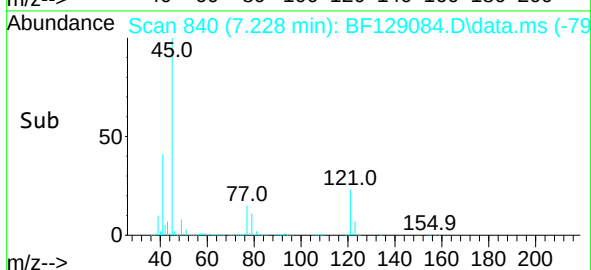
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

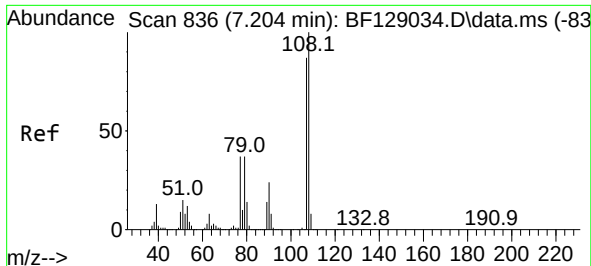


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.348 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion: 45 Resp: 1547274
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.3
79 11.1 0.0 28.3





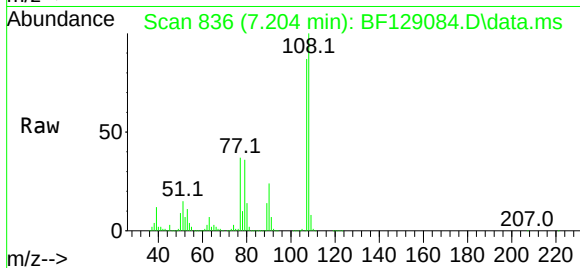
#17
2-Methylphenol
Concen: 41.300 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

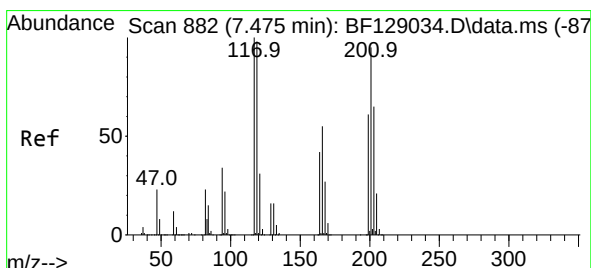
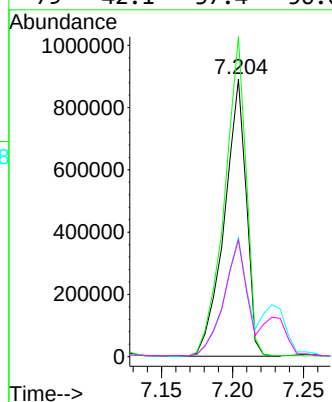
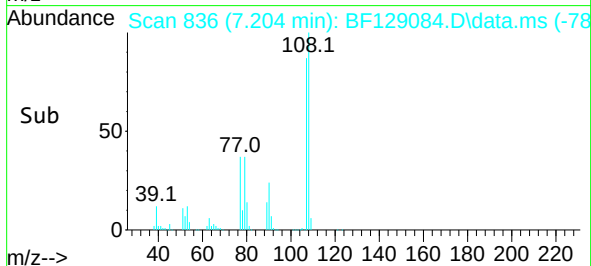


Tgt Ion:107 Resp: 951852
Ion Ratio Lower Upper
107 100
108 115.4 91.9 137.9
77 43.0 37.8 56.8
79 42.1 37.4 56.0

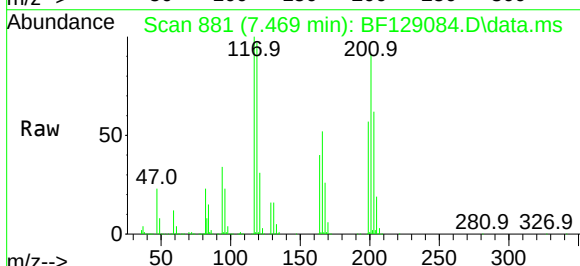
Manual Integrations

APPROVED

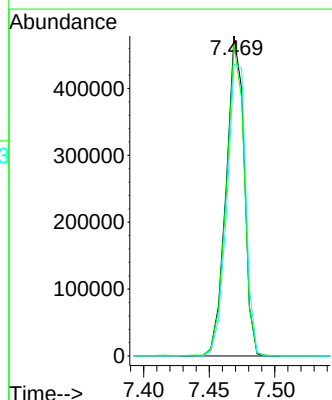
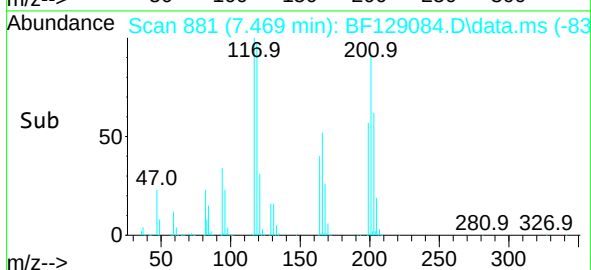
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

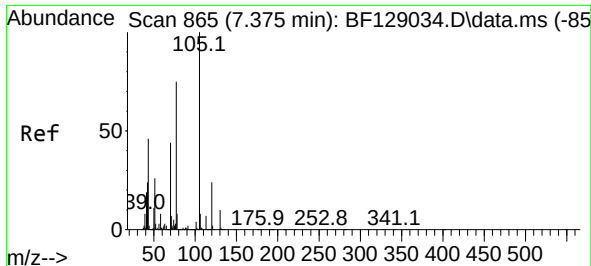


#18
Hexachloroethane
Concen: 41.287 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:117 Resp: 455840
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2
201 91.3 84.6 127.0





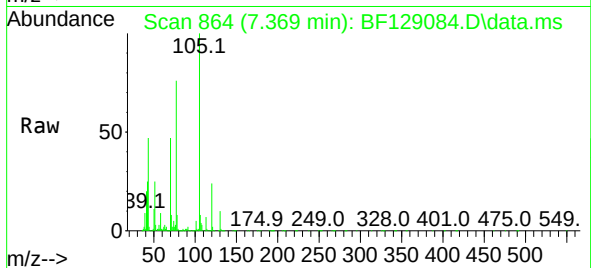
#19
n-Nitroso-di-n-propylamine
Concen: 40.516 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

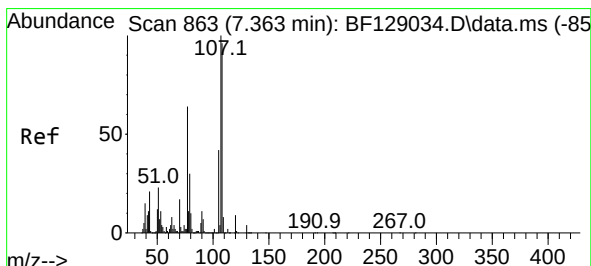
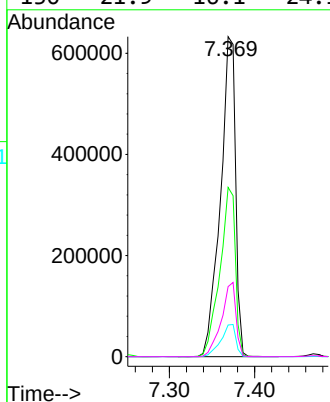
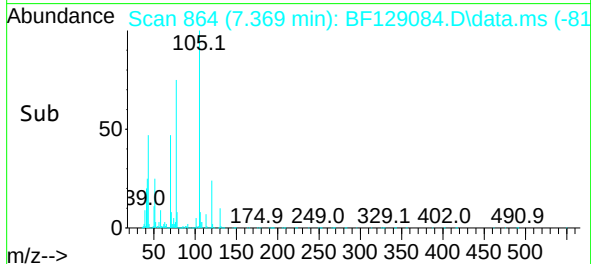


Tgt Ion: 70 Resp: 78471
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 9.9 7.5 11.3
130 21.9 16.1 24.1

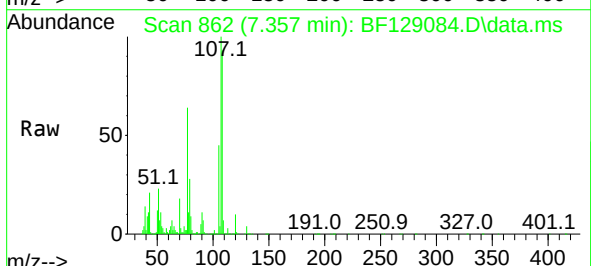
Manual Integrations

APPROVED

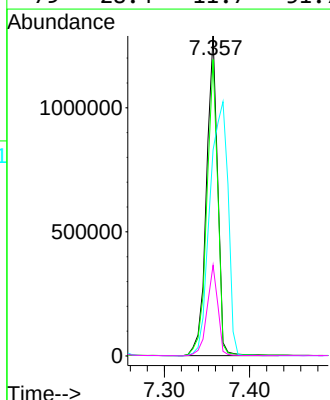
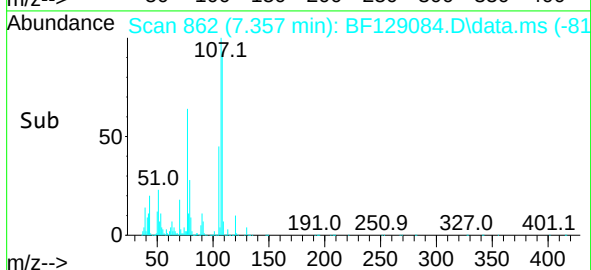
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

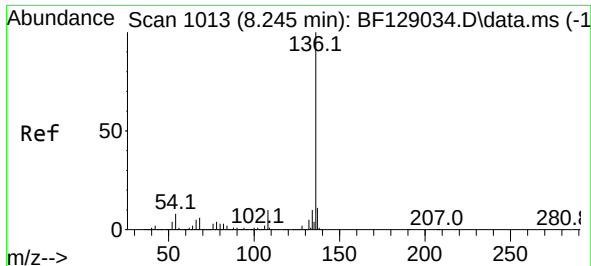


#20
3+4-Methylphenols
Concen: 40.152 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:107 Resp: 1176798
Ion Ratio Lower Upper
107 100
108 92.7 71.8 111.8
77 64.4 59.3 99.3
79 28.4 11.7 51.7





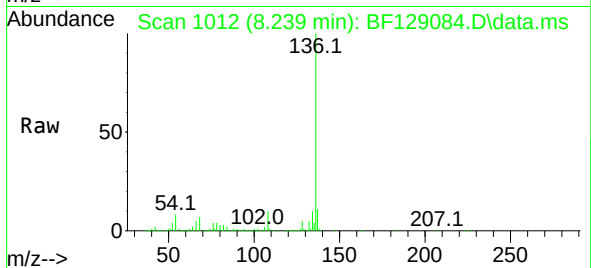
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

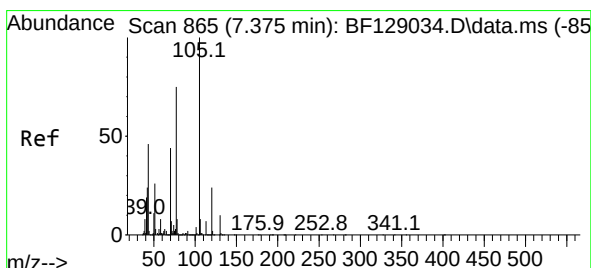
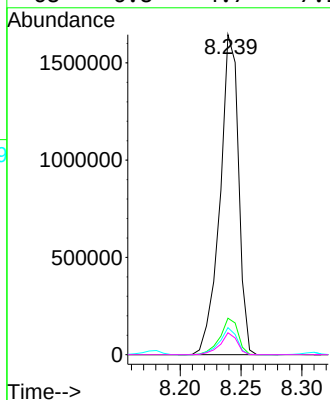
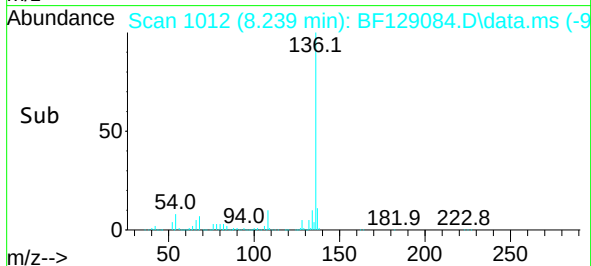


Tgt Ion:136 Resp: 1747630
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.5 7.5 11.3
68 6.8 4.7 7.1

Manual Integrations

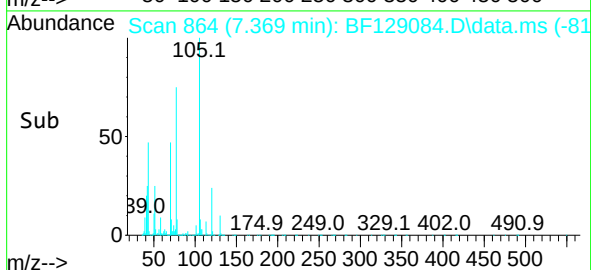
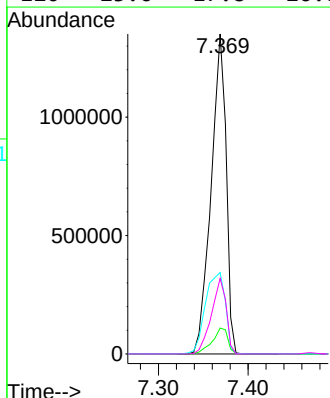
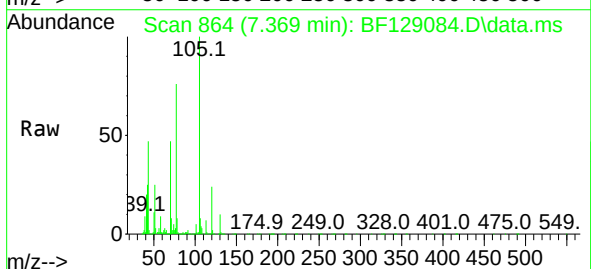
APPROVED

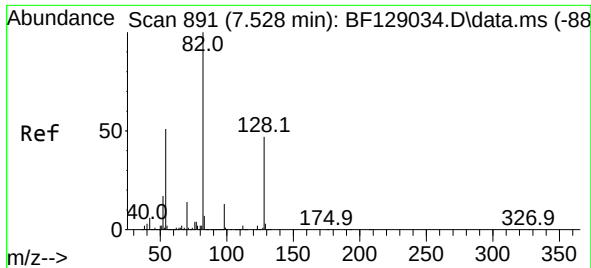
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#22
Acetophenone
Concen: 39.284 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

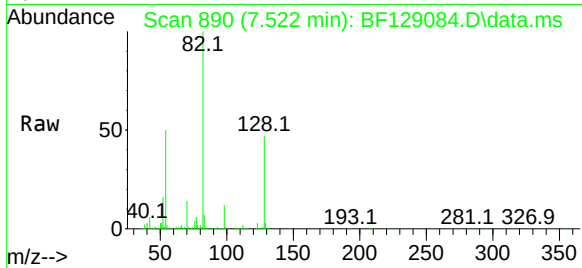
Tgt Ion:105 Resp: 1574933
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 25.4 25.0 37.4
120 23.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 76.991 ng
RT: 7.522 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

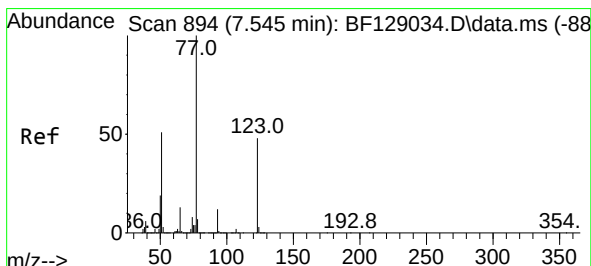
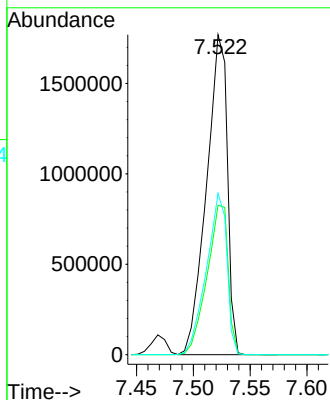
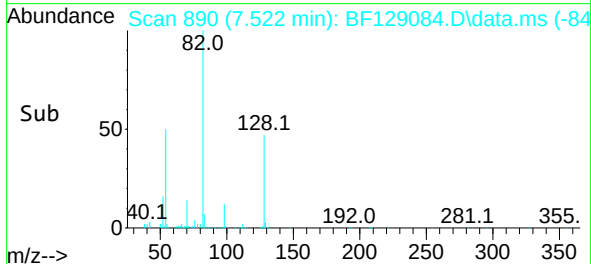
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion: 82 Resp: 2255829
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 50.4 46.9 70.3

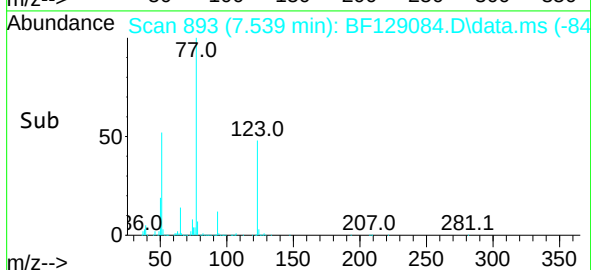
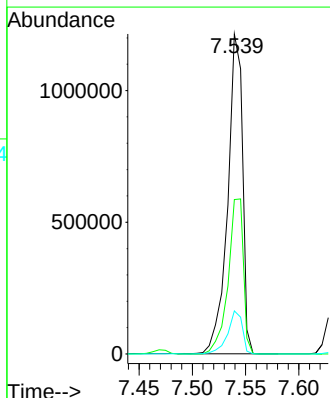
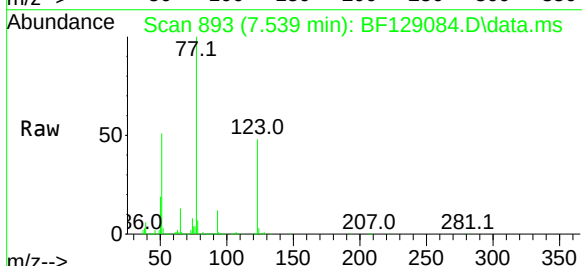
Manual Integrations
APPROVED

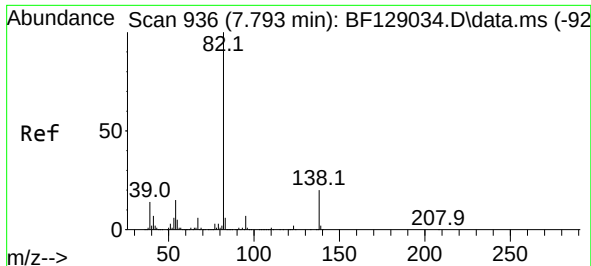
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#24
Nitrobenzene
Concen: 41.601 ng
RT: 7.539 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion: 77 Resp: 1179367
Ion Ratio Lower Upper
77 100
123 48.2 35.4 53.2
65 13.4 11.8 17.8





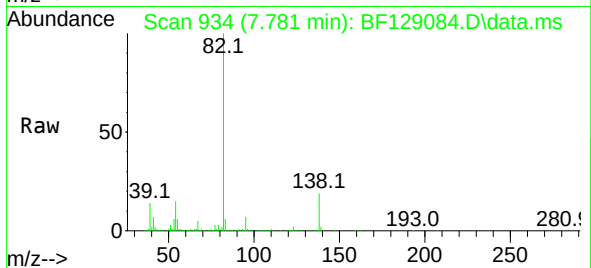
#25
Isophorone
Concen: 43.372 ng
RT: 7.781 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

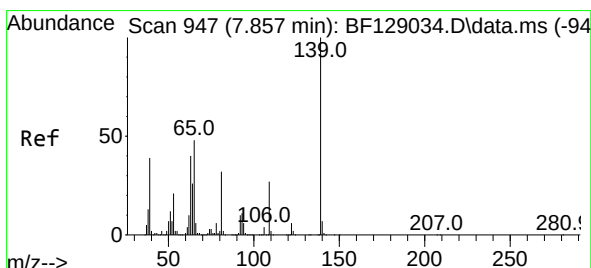
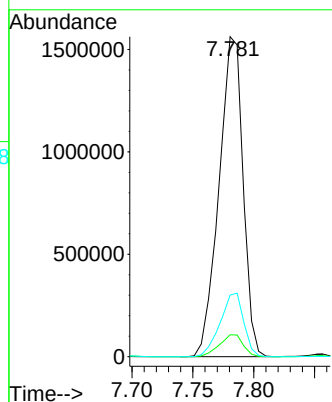
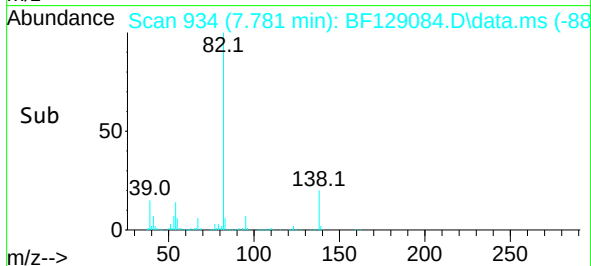


Tgt Ion: 82 Resp: 2147699
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.3 14.2 21.2

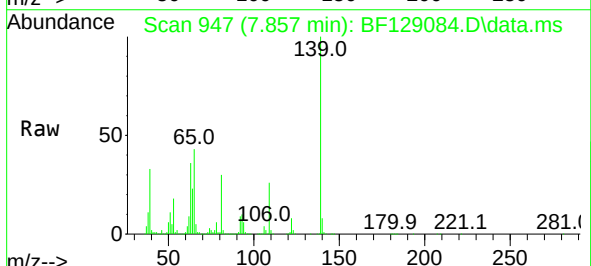
Manual Integrations

APPROVED

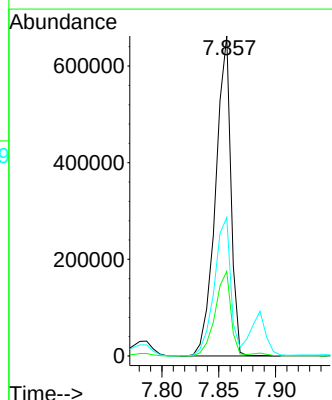
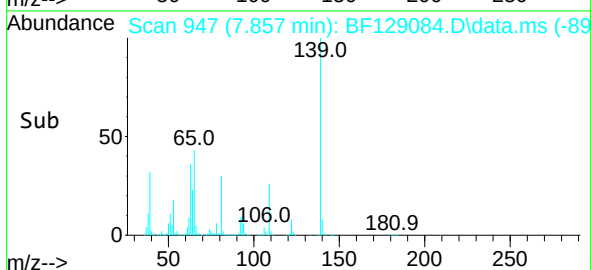
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

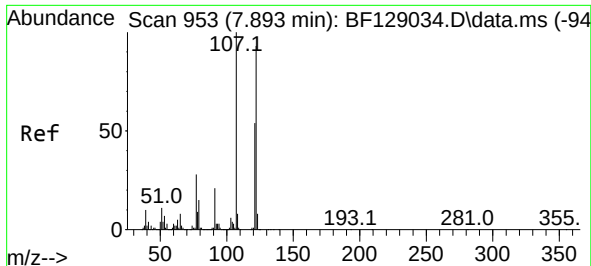


#26
2-Nitrophenol
Concen: 47.181 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:139 Resp: 621635
Ion Ratio Lower Upper
139 100
109 26.4 25.0 37.4
65 43.3 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 45.720 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:122 Resp: 108753

Ion Ratio Lower Upper

122 100

107 110.4 93.0 139.6

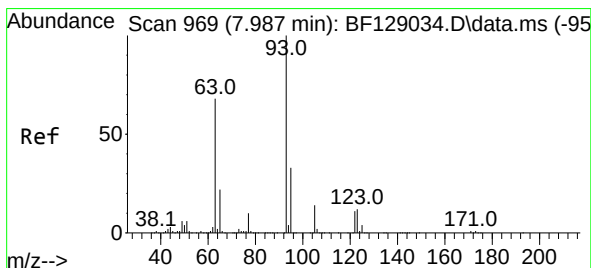
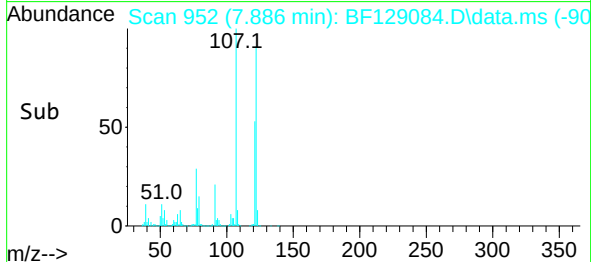
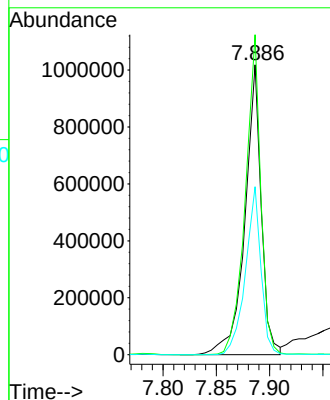
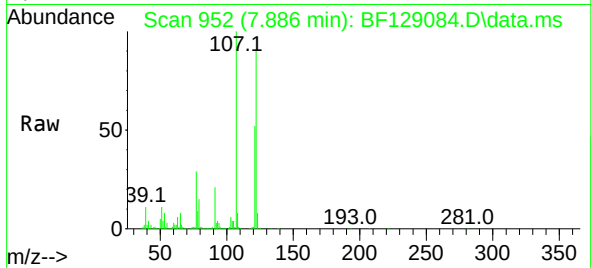
121 57.9 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.329 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

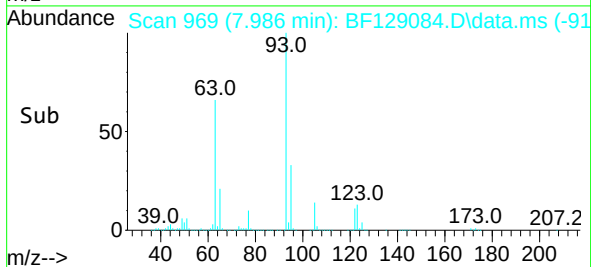
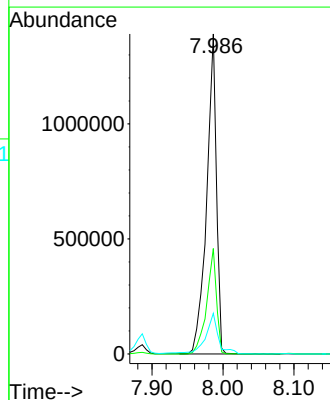
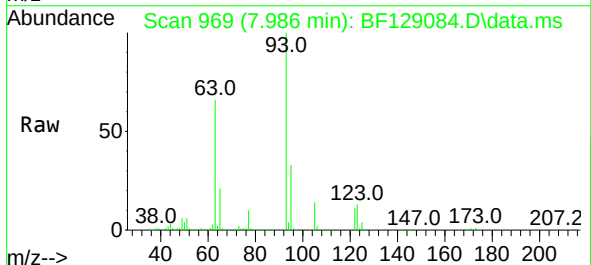
Tgt Ion: 93 Resp: 1337502

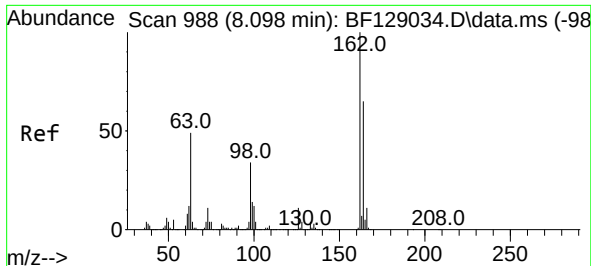
Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 12.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.268 ng

RT: 8.092 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF129084.D

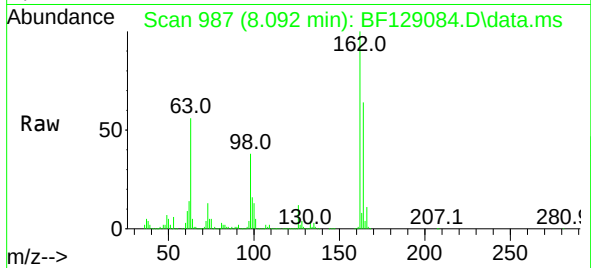
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS



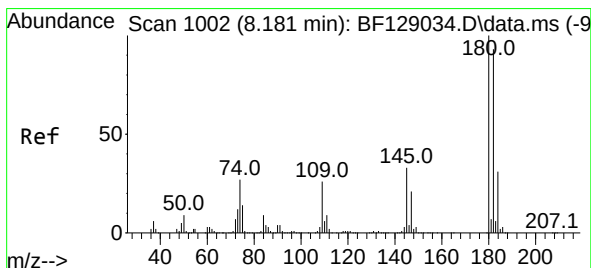
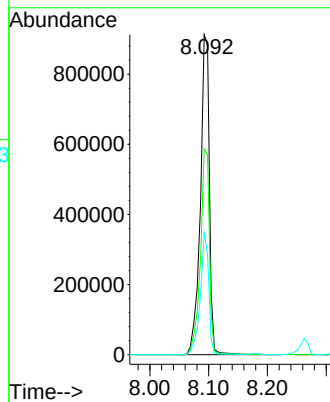
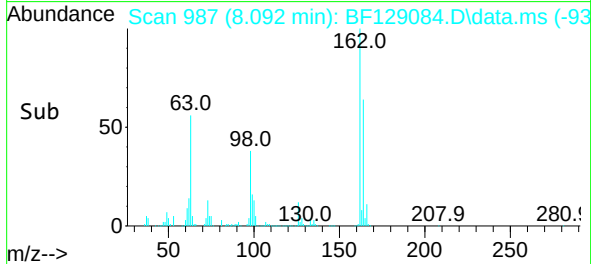
Tgt Ion:162 Resp: 976994

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	38.0	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.063 ng

RT: 8.180 min Scan# 1002

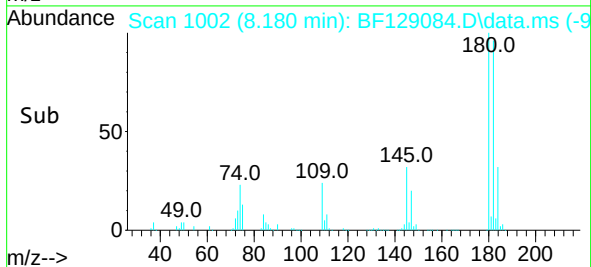
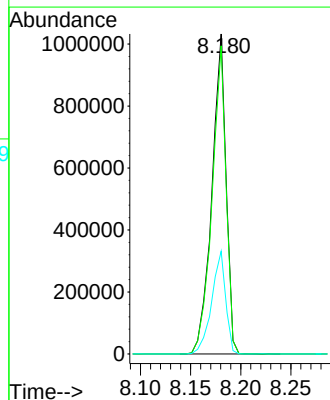
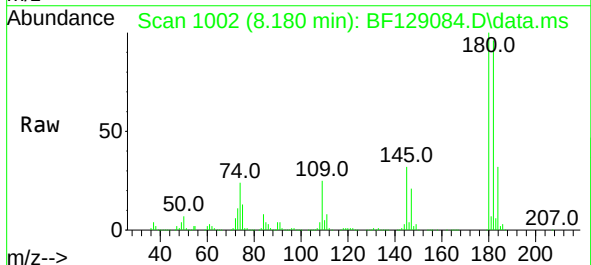
Delta R.T. -0.000 min

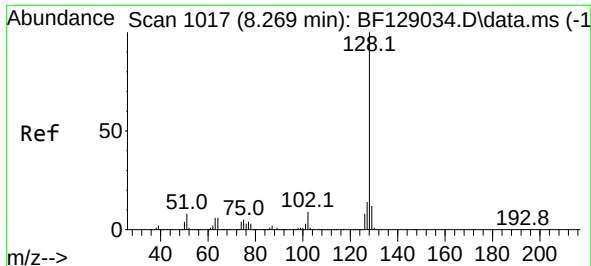
Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Tgt Ion:180 Resp: 1016228

Ion	Ratio	Lower	Upper
180	100		
182	96.3	79.2	118.8
145	32.1	26.2	39.2





#31
Naphthalene
Concen: 40.469 ng
RT: 8.263 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

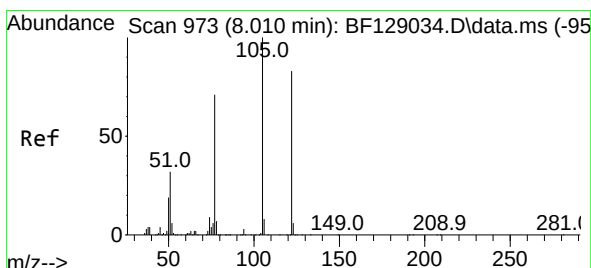
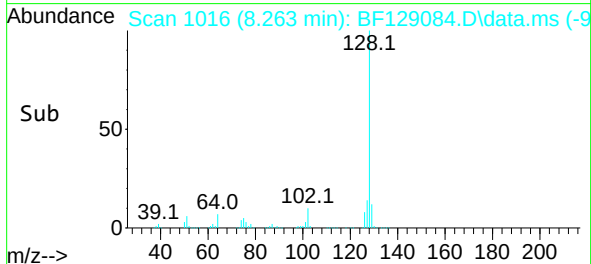
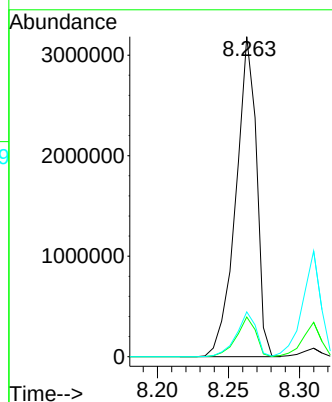
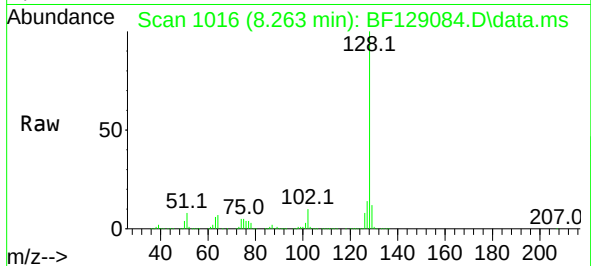
PB145957BS

Tgt Ion:128 Resp: 3210729
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.0 10.5 15.7

Manual Integrations

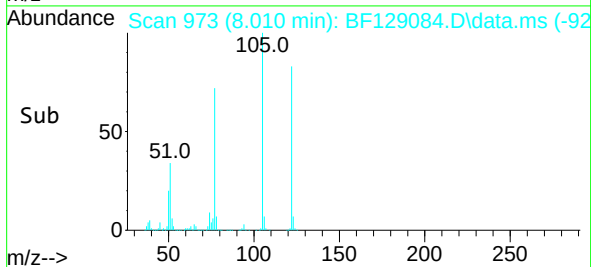
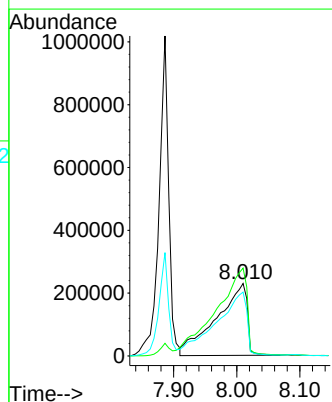
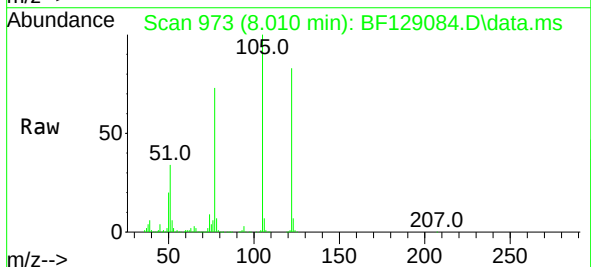
APPROVED

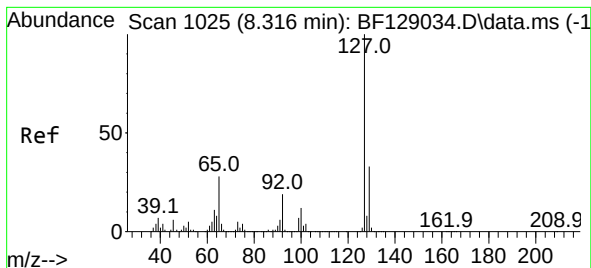
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#32
Benzoic acid
Concen: 40.597 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion:122 Resp: 774778
Ion Ratio Lower Upper
122 100
105 121.1 107.1 147.1
77 88.0 74.2 114.2





#33
4-Chloroaniline
Concen: 29.469 ng
RT: 8.310 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

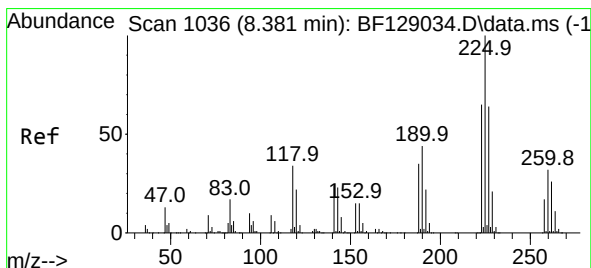
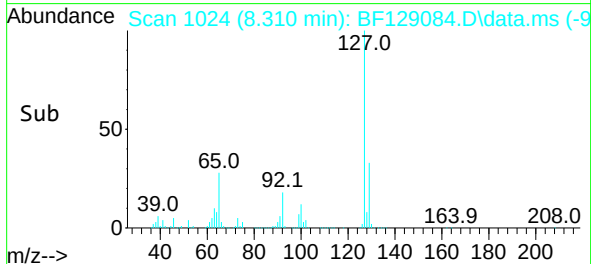
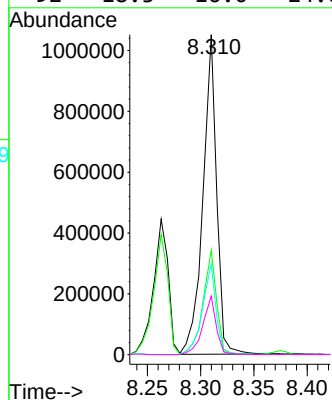
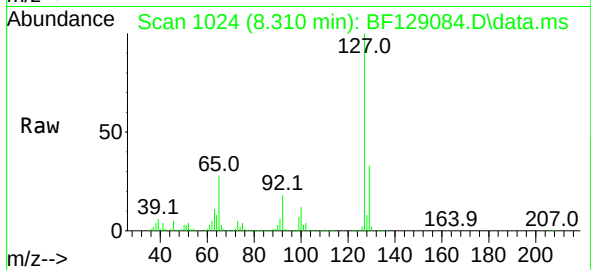
PB145957BS

Tgt Ion:127 Resp: 94209
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 28.3 26.4 39.6
92 18.3 16.0 24.0

Manual Integrations

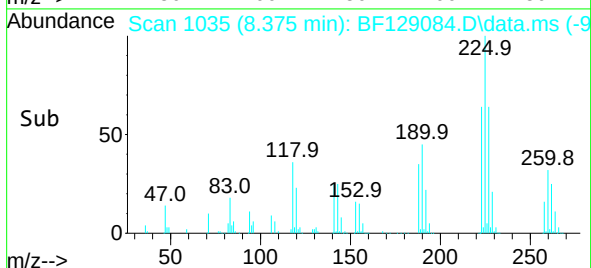
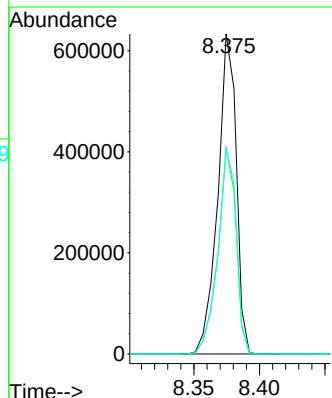
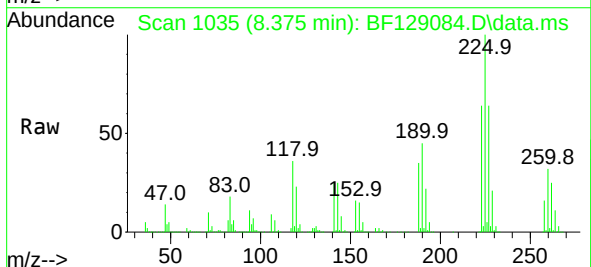
APPROVED

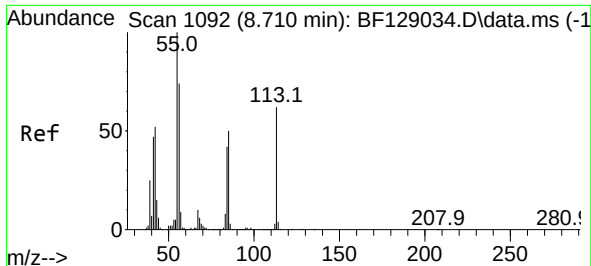
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#34
Hexachlorobutadiene
Concen: 38.794 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

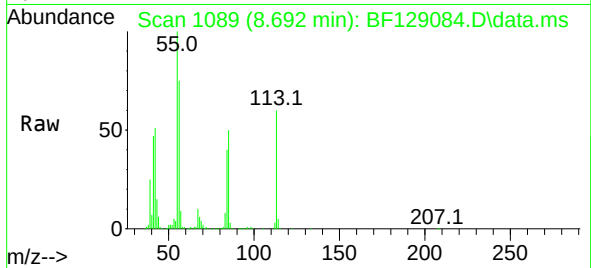
Tgt Ion:225 Resp: 618450
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 64.2 51.1 76.7





#35
Caprolactam
Concen: 37.645 ng m
RT: 8.692 min Scan# 1092
Delta R.T. -0.018 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

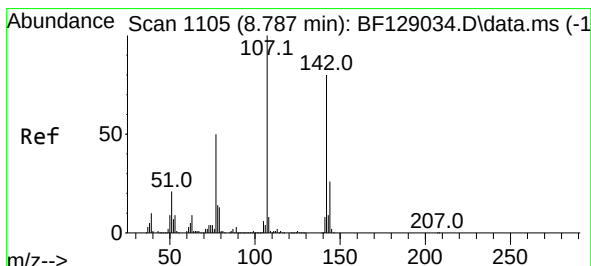
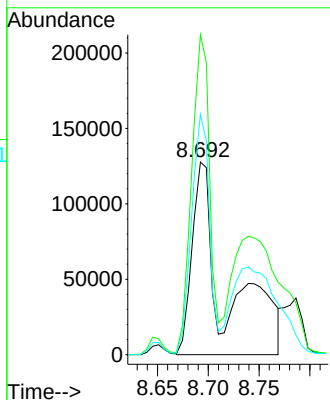
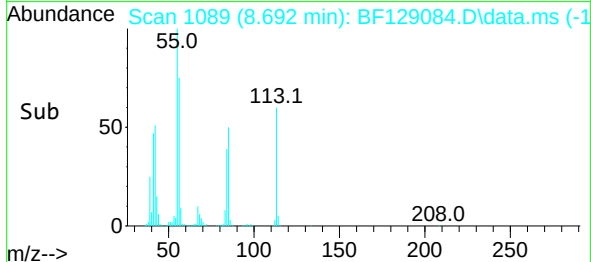
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion:113 Resp: 289624
Ion Ratio Lower Upper
113 100
55 166.1 188.5 228.5
56 124.9 130.6 170.6

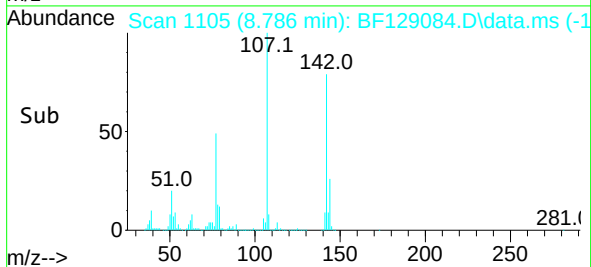
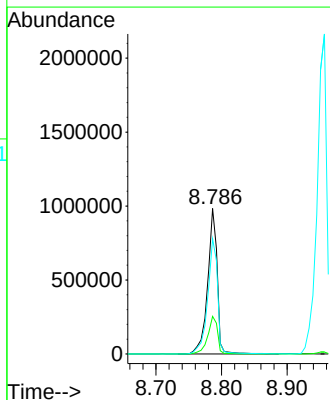
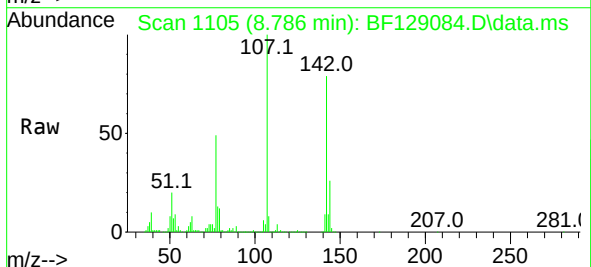
Manual Integrations
APPROVED

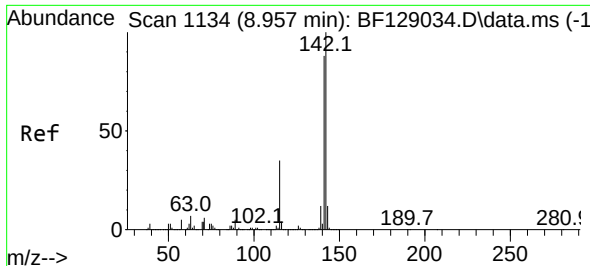
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#36
4-Chloro-3-methylphenol
Concen: 40.562 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion:107 Resp: 999894
Ion Ratio Lower Upper
107 100
144 25.8 19.5 29.3
142 79.2 58.2 87.4





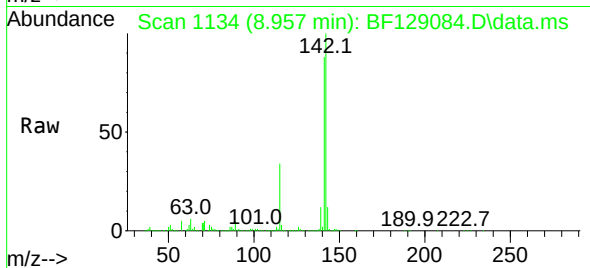
#37
2-Methylnaphthalene
Concen: 40.980 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

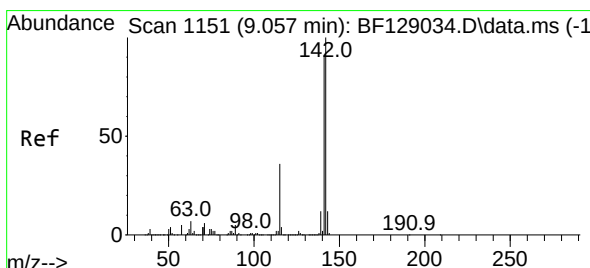
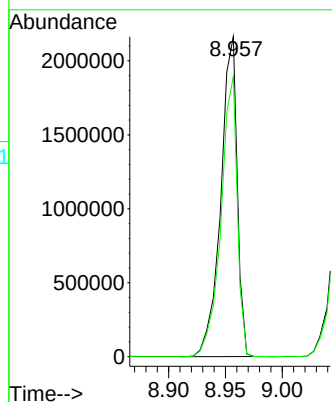
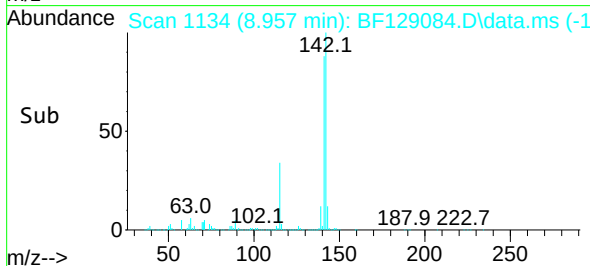


Tgt Ion:142 Resp: 218773
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.4

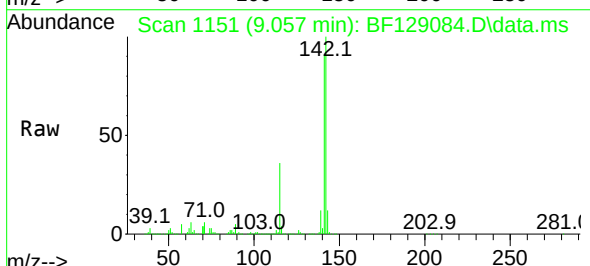
Manual Integrations

APPROVED

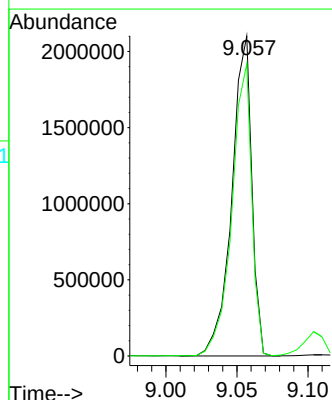
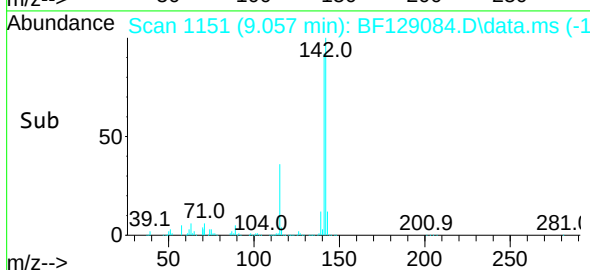
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

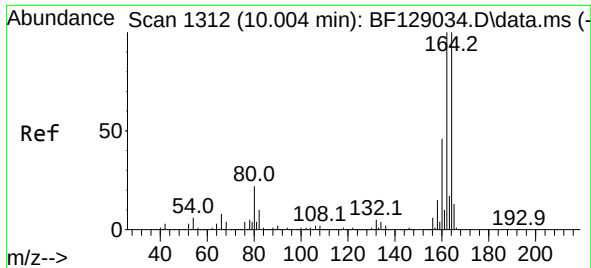


#38
1-Methylnaphthalene
Concen: 39.616 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:142 Resp: 2053840
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4





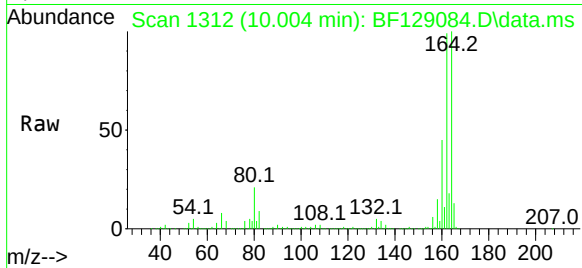
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

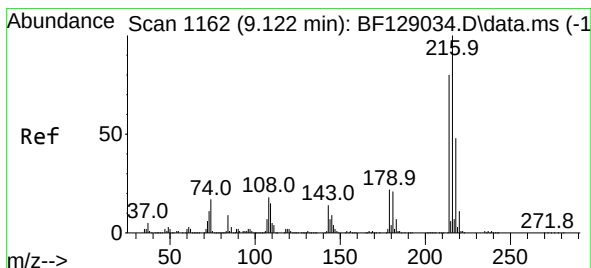
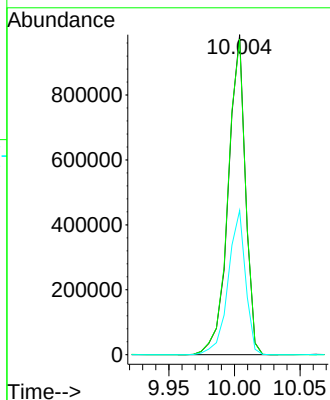
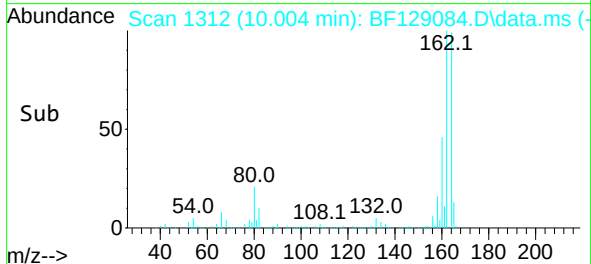


Tgt Ion:164 Resp: 894710
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 45.1 34.2 51.4

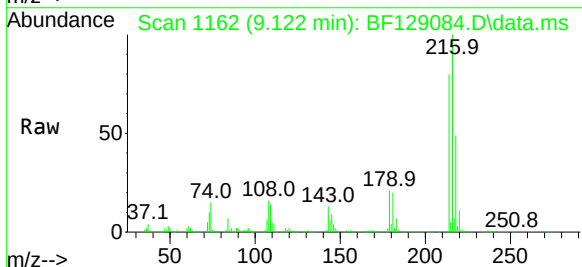
Manual Integrations

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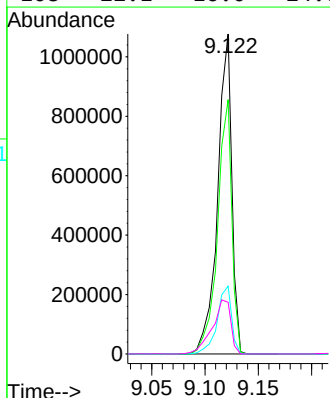
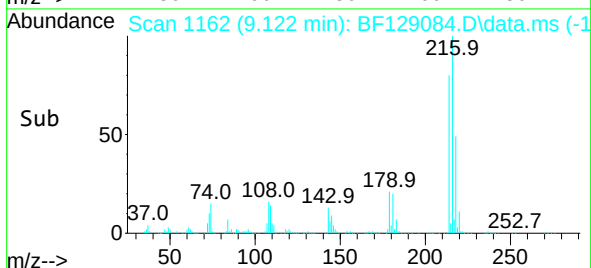
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

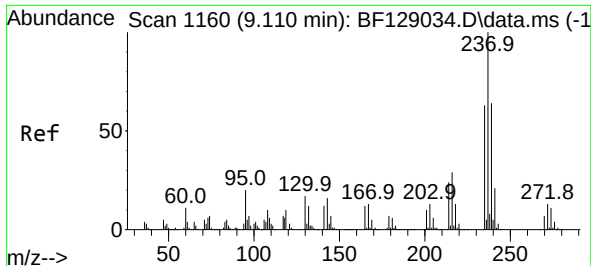


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.505 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



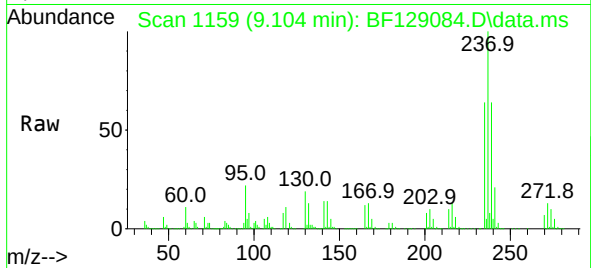
Tgt Ion:216 Resp: 993502
Ion Ratio Lower Upper
216 100
214 79.9 63.6 95.4
179 21.5 17.0 25.6
108 22.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 97.092 ng
RT: 9.104 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

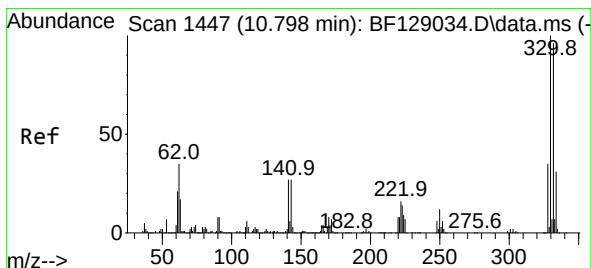
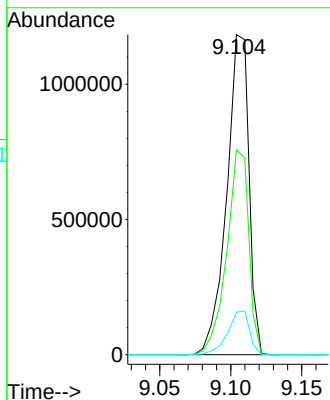
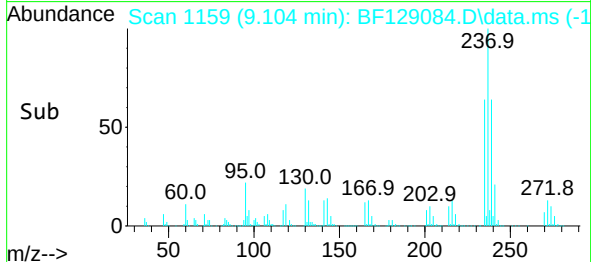
Instrument :
BNA_F
ClientSampleId :
PB145957BS



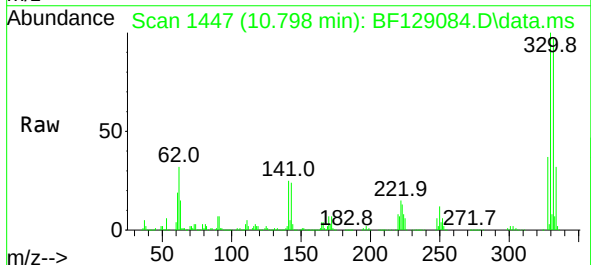
Tgt Ion:237 Resp: 1288884
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.3 0.0 31.9

Manual Integrations
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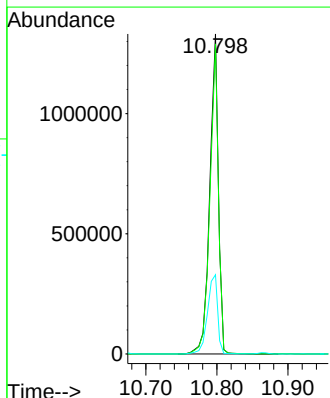
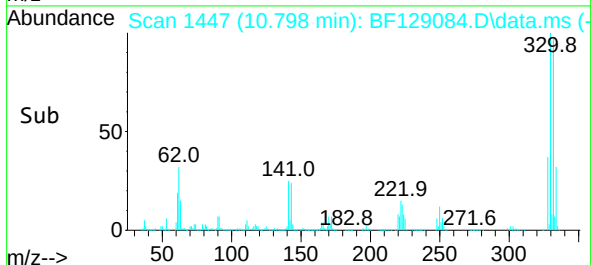
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

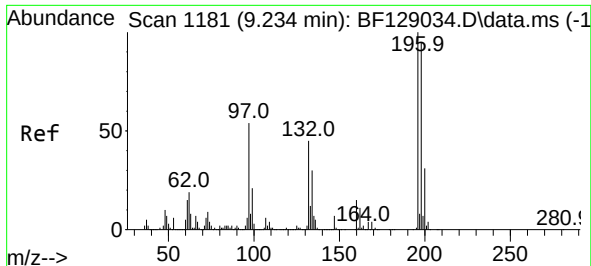


#42
2,4,6-Tribromophenol
Concen: 115.425 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



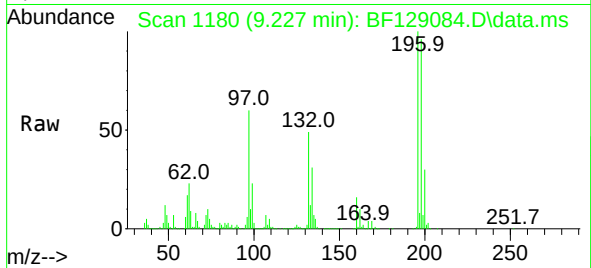
Tgt Ion:330 Resp: 1122932
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 29.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 40.511 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

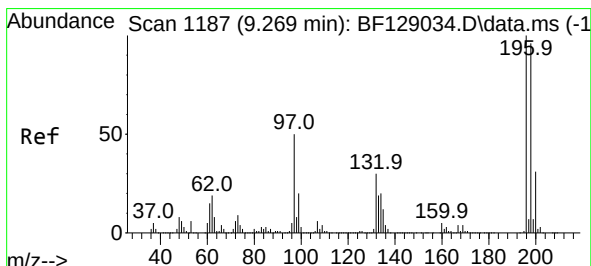
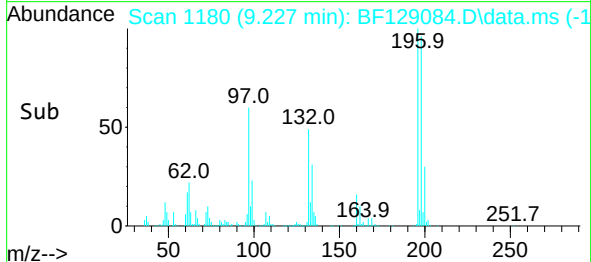
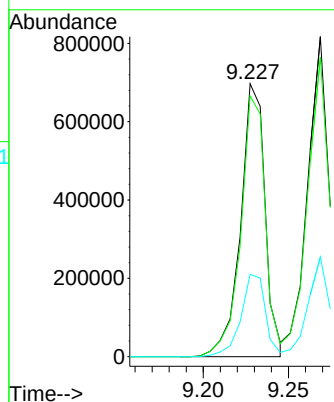
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion:196 Resp: 693954
Ion Ratio Lower Upper
196 100
198 95.6 74.0 111.0
200 30.2 24.1 36.1

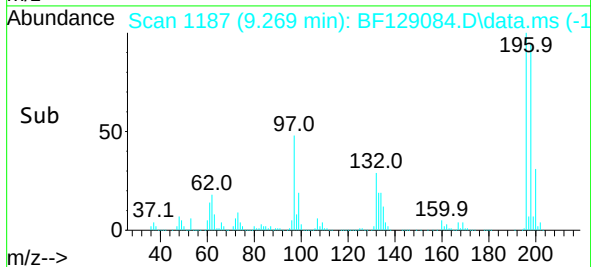
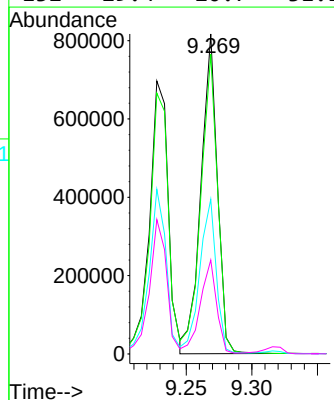
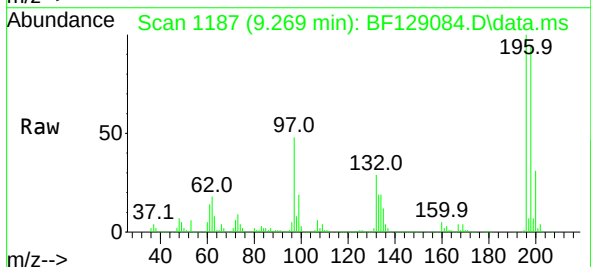
Manual Integrations
APPROVED

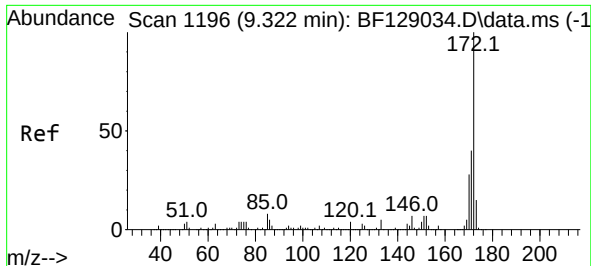
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#44
2,4,5-Trichlorophenol
Concen: 39.175 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion:196 Resp: 713794
Ion Ratio Lower Upper
196 100
198 93.7 75.7 113.5
97 48.3 36.4 54.6
132 29.4 20.7 31.1





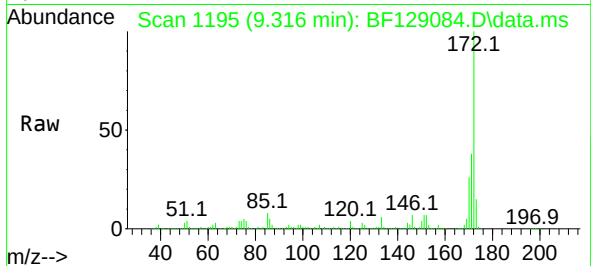
#45
2-Fluorobiphenyl
Concen: 70.964 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

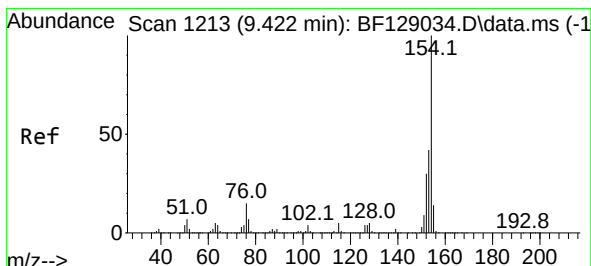
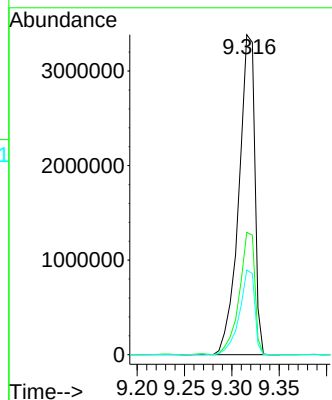
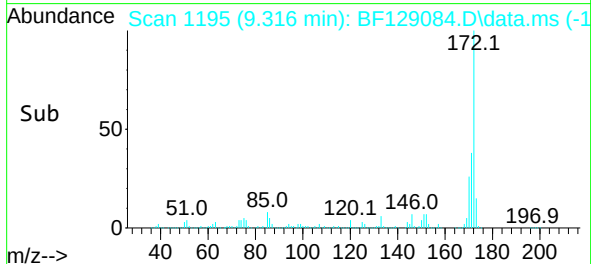


Tgt Ion:172 Resp: 3968819
Ion Ratio Lower Upper
172 100
171 38.2 28.8 43.2
170 26.4 19.8 29.8

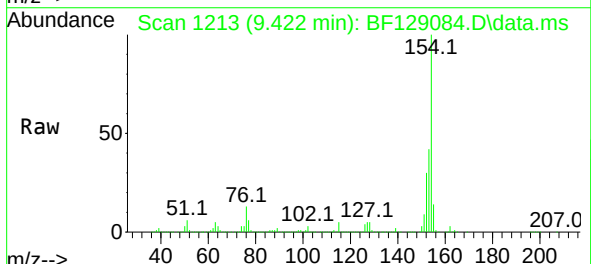
Manual Integrations

APPROVED

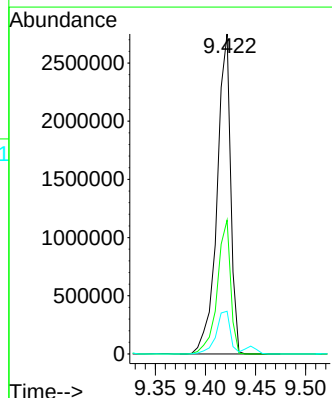
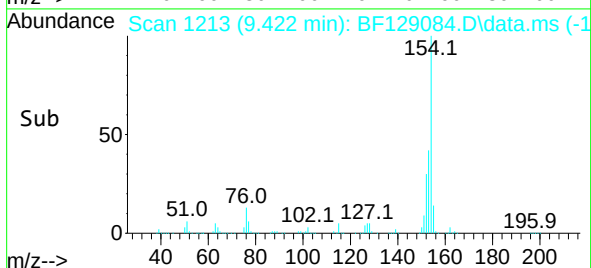
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

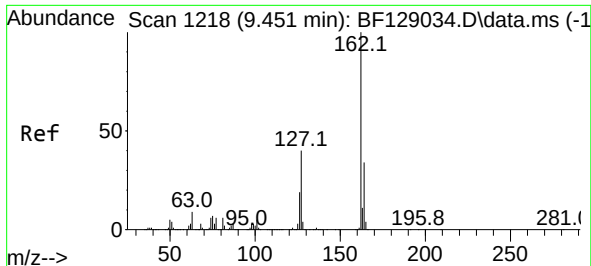


#46
1,1'-Biphenyl
Concen: 40.125 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:154 Resp: 2580946
Ion Ratio Lower Upper
154 100
153 41.8 20.6 60.6
76 13.3 0.0 33.3





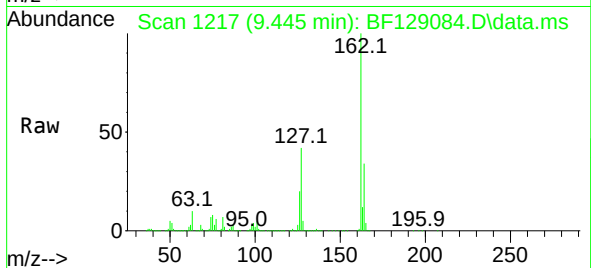
#47
2-Chloronaphthalene
Concen: 39.937 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

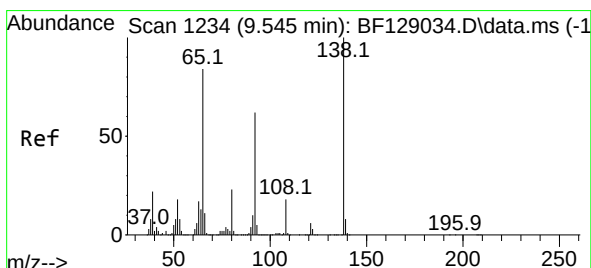
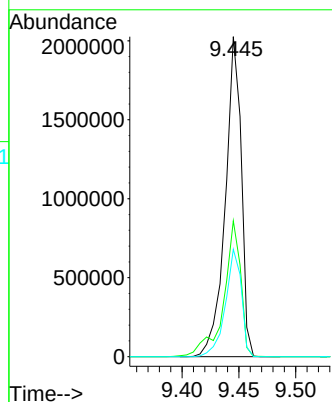
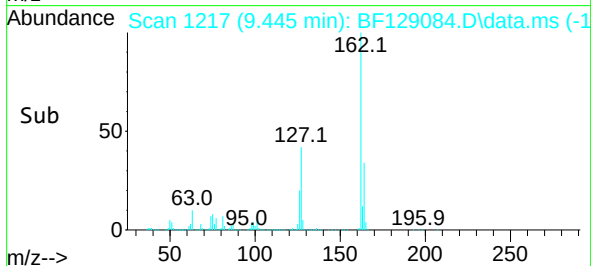


Tgt Ion:162 Resp: 1983770
Ion Ratio Lower Upper
162 100
127 42.5 34.5 51.7
164 33.6 26.5 39.7

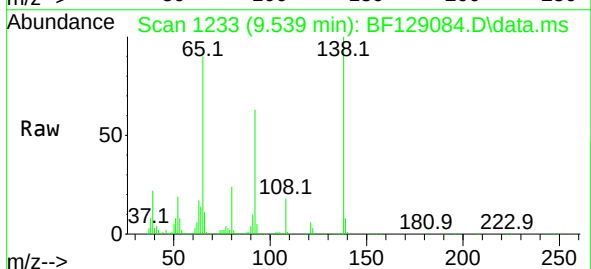
Manual Integrations

APPROVED

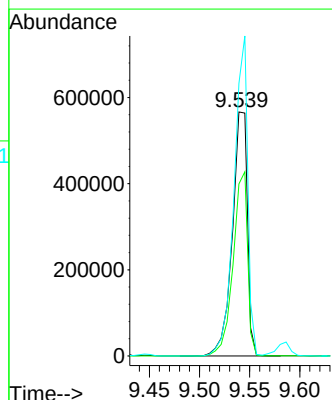
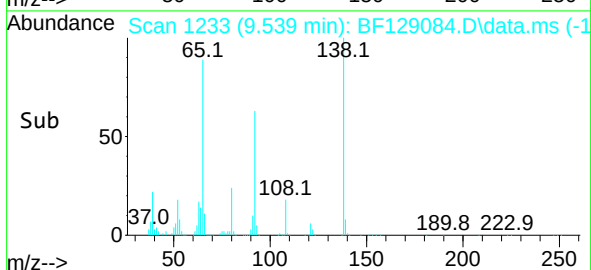
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

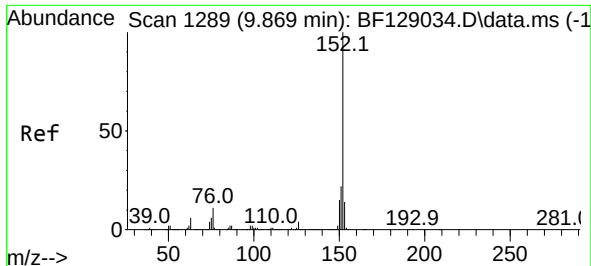


#48
2-Nitroaniline
Concen: 45.369 ng
RT: 9.539 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



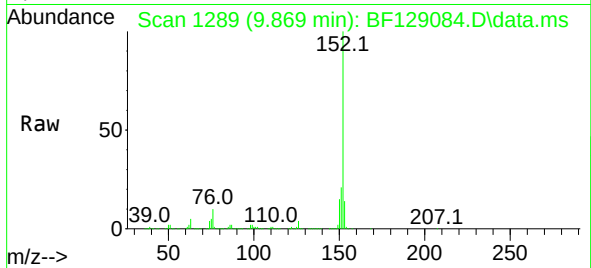
Tgt Ion: 65 Resp: 593552
Ion Ratio Lower Upper
65 100
92 70.5 51.9 77.9
138 111.7 76.4 114.6





#49
Acenaphthylene
Concen: 41.231 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

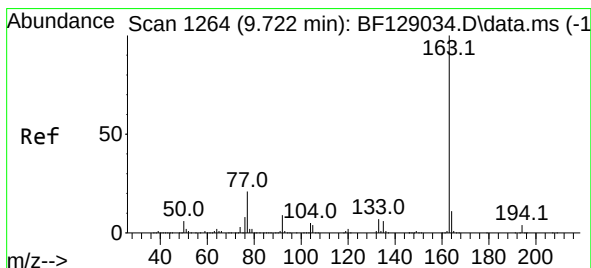
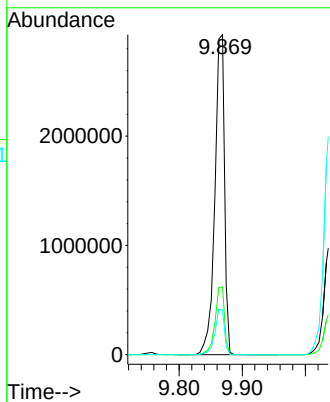
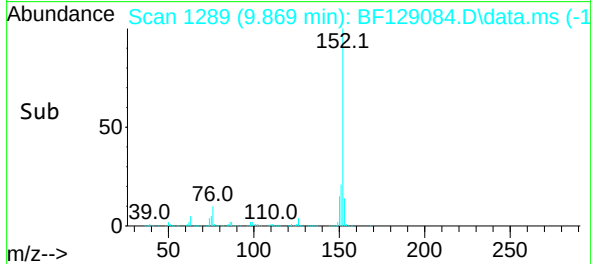
Instrument :
BNA_F
ClientSampleId :
PB145957BS



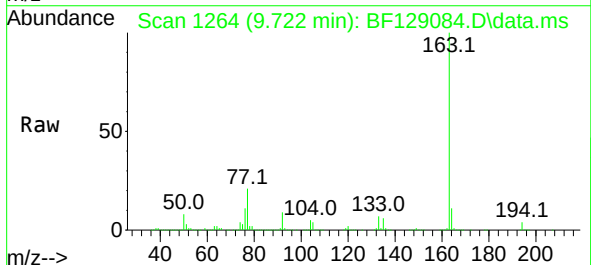
Tgt Ion:152 Resp: 311205
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.0 10.7 16.1

Manual Integrations
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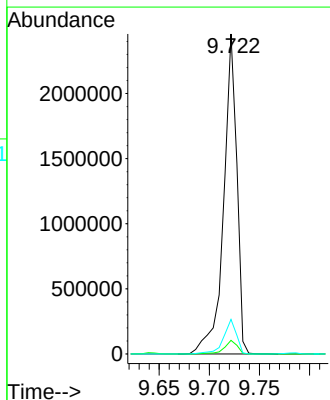
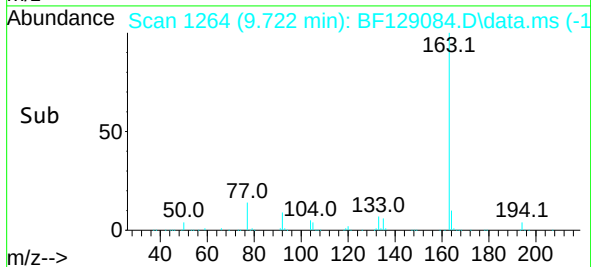
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

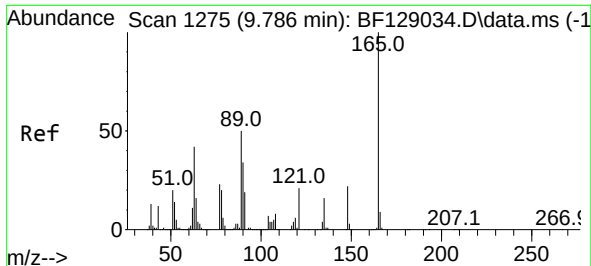


#50
Dimethylphthalate
Concen: 40.031 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:163 Resp: 2240658
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.347 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

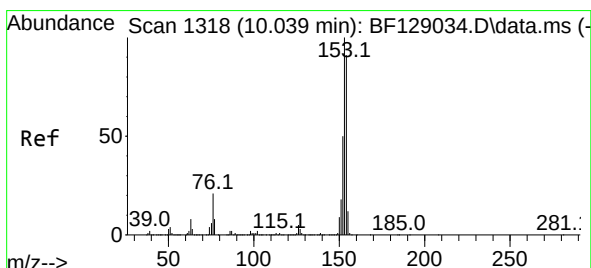
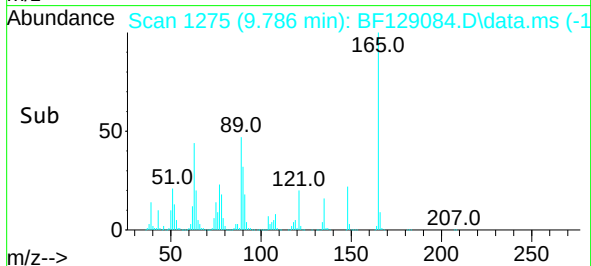
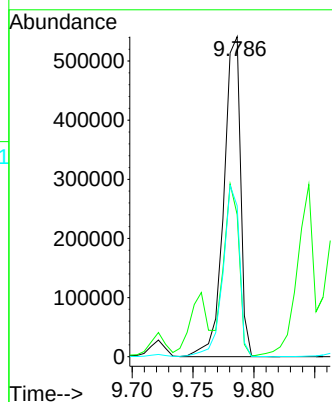
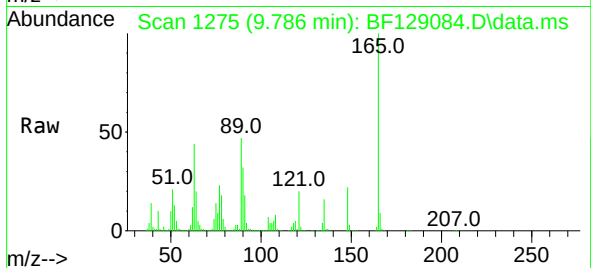
PB145957BS

Tgt Ion:165 Resp: 518660
Ion Ratio Lower Upper
165 100
63 44.4 44.9 67.3
89 47.1 43.6 65.4

Manual Integrations

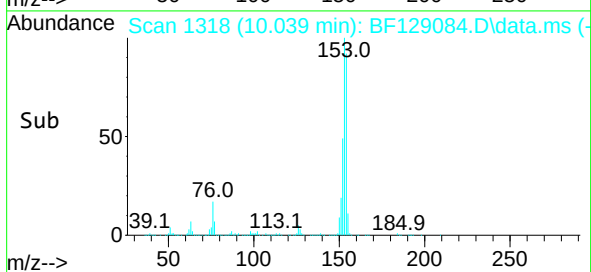
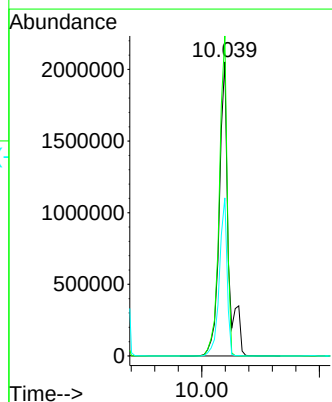
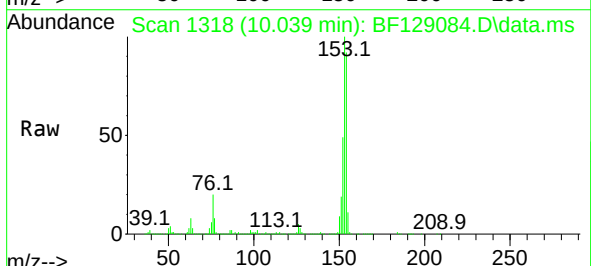
APPROVED

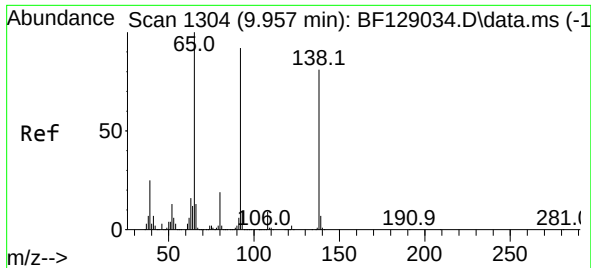
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#52
Acenaphthene
Concen: 45.057 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

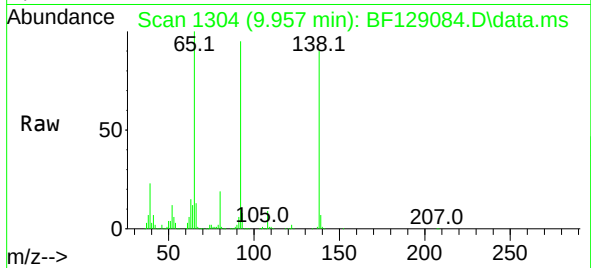
Tgt Ion:154 Resp: 2215188
Ion Ratio Lower Upper
154 100
153 108.8 89.6 134.4
152 53.8 42.4 63.6





#53
3-Nitroaniline
Concen: 34.722 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

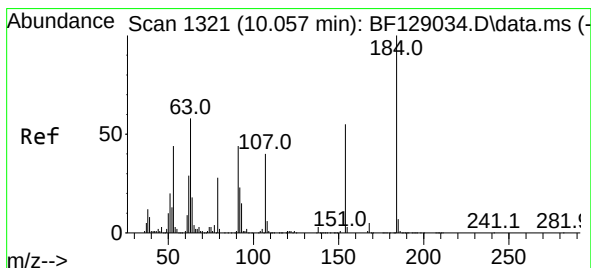
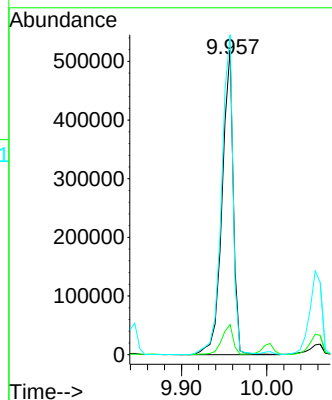
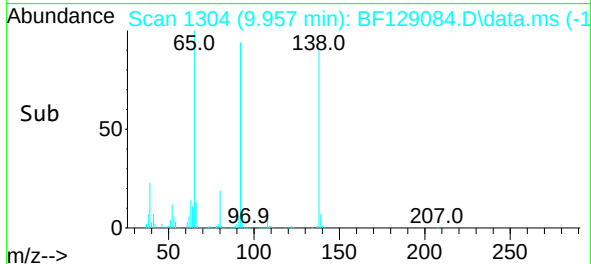
Instrument :
BNA_F
ClientSampleId :
PB145957BS



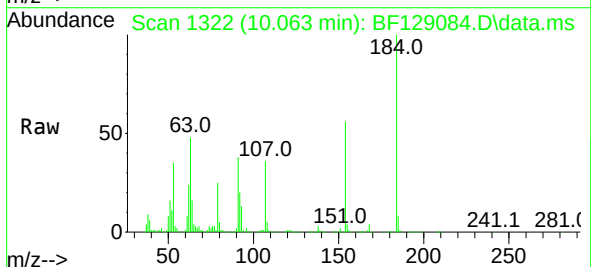
Tgt Ion:138 Resp: 473600
Ion Ratio Lower Upper
138 100
108 9.9 10.9 16.3#
92 104.9 98.2 147.2

Manual Integrations
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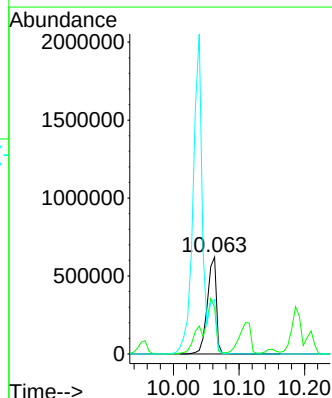
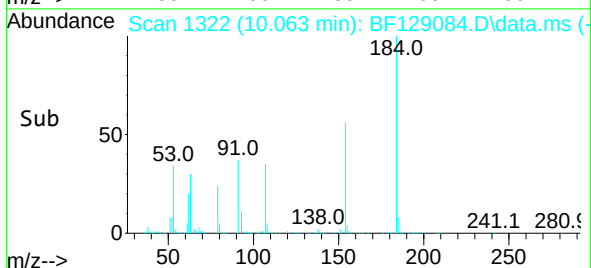
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

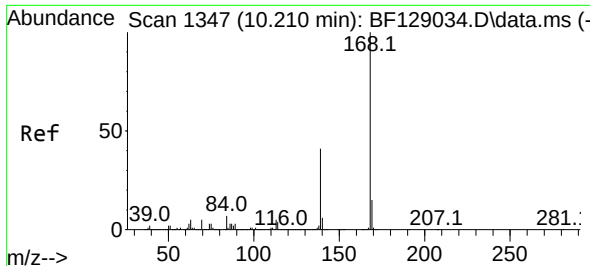


#54
2,4-Dinitrophenol
Concen: 95.544 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



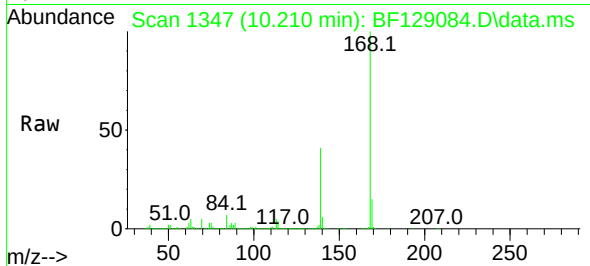
Tgt Ion:184 Resp: 599999
Ion Ratio Lower Upper
184 100
63 47.9 64.5 96.7#
154 56.1 50.6 75.8





#55
Dibenzenofuran
Concen: 39.122 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

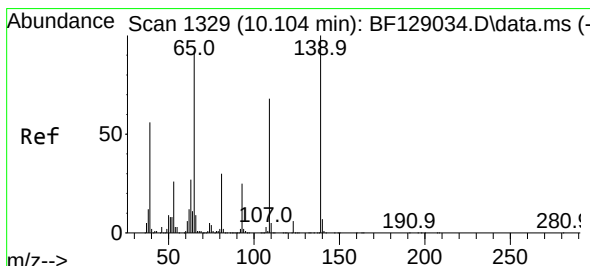
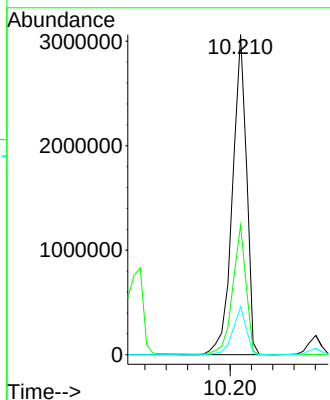
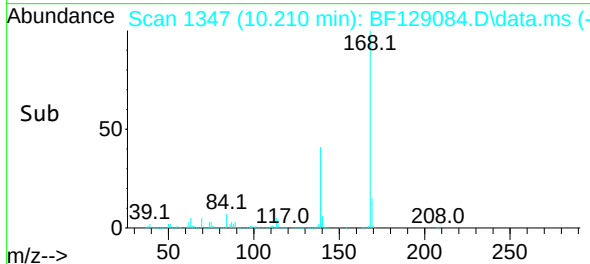
Instrument :
BNA_F
ClientSampleId :
PB145957BS



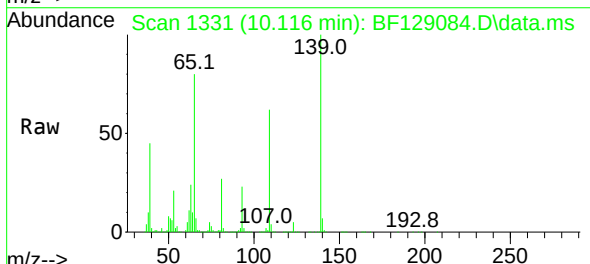
Tgt Ion:168 Resp: 2800739
Ion Ratio Lower Upper
168 100
139 40.6 30.6 46.0
169 15.0 11.0 16.6

Manual Integrations
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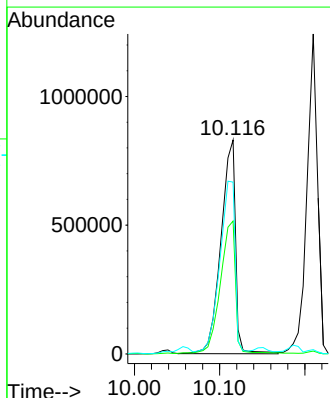
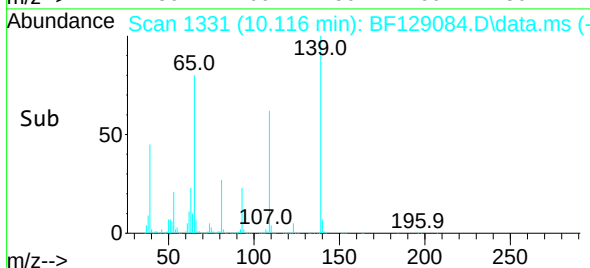
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

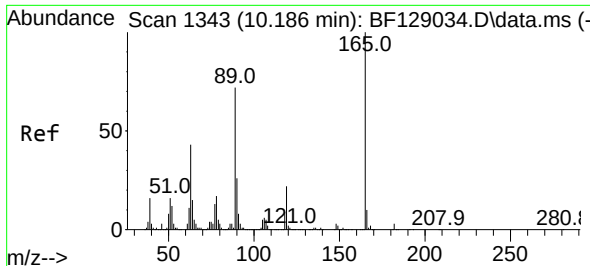


#56
4-Nitrophenol
Concen: 88.902 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:139 Resp: 990765
Ion Ratio Lower Upper
139 100
109 62.1 50.7 90.7
65 80.3 74.5 114.5





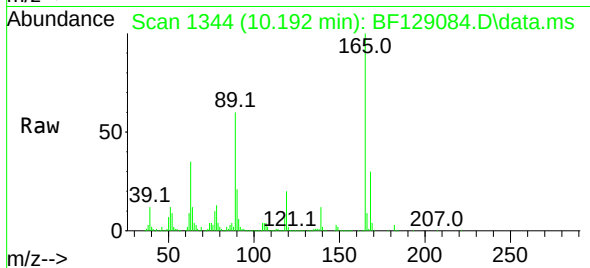
#57
2,4-Dinitrotoluene
Concen: 49.100 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

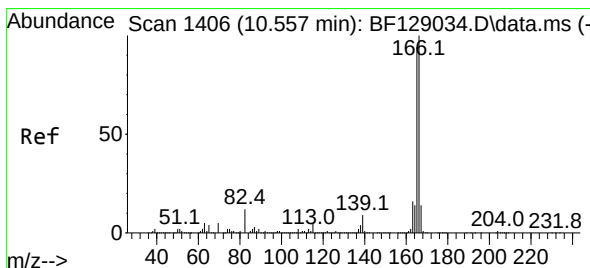
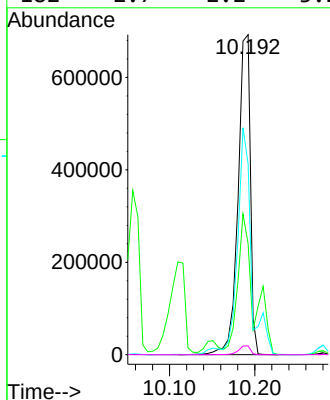
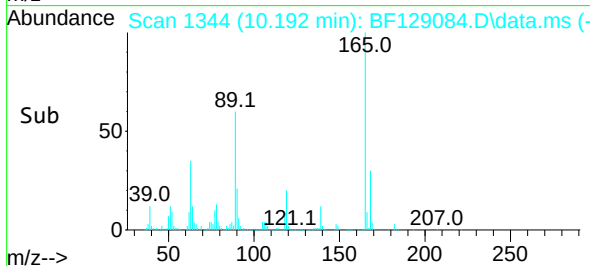


Tgt Ion:165 Resp: 693309
Ion Ratio Lower Upper
165 100
63 34.6 39.8 59.6
89 59.6 60.2 90.2
182 2.7 2.2 3.2

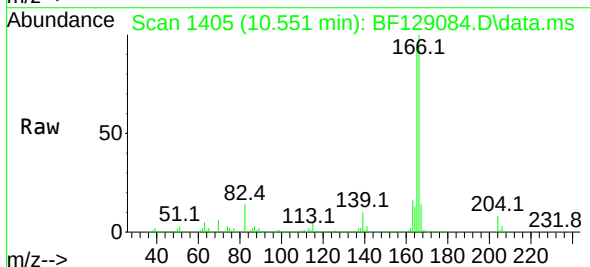
Manual Integrations

APPROVED

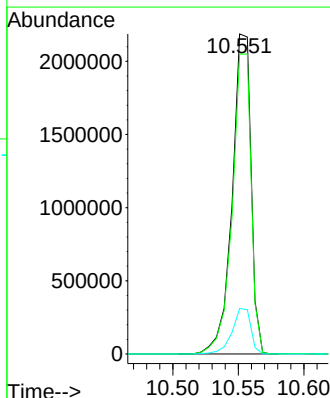
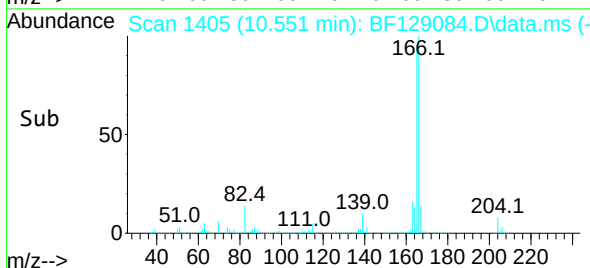
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

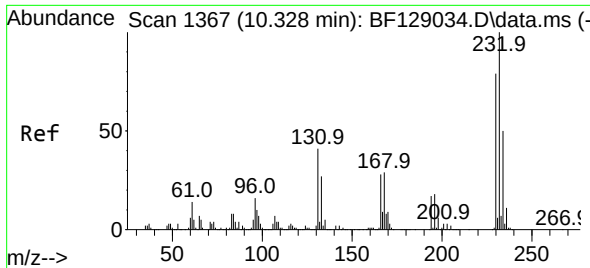


#58
Fluorene
Concen: 39.683 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



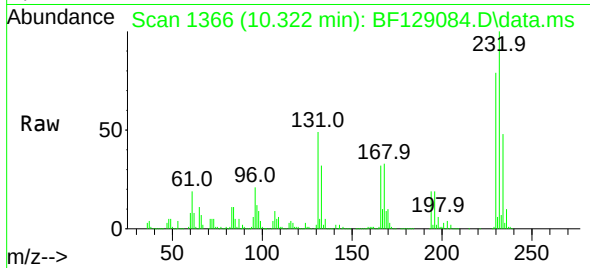
Tgt Ion:166 Resp: 2197479
Ion Ratio Lower Upper
166 100
165 93.7 78.1 117.1
167 14.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.012 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

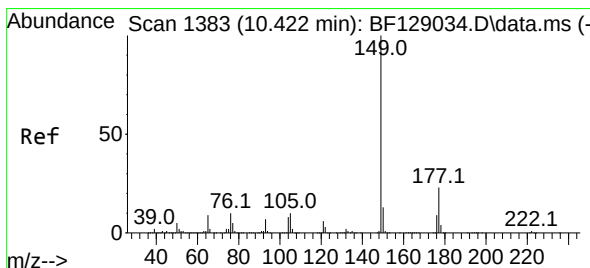
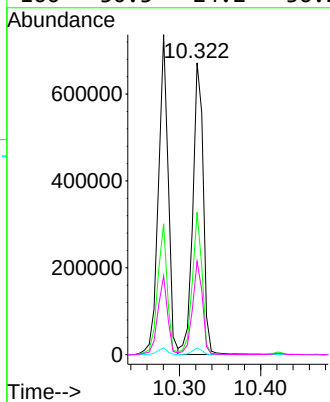
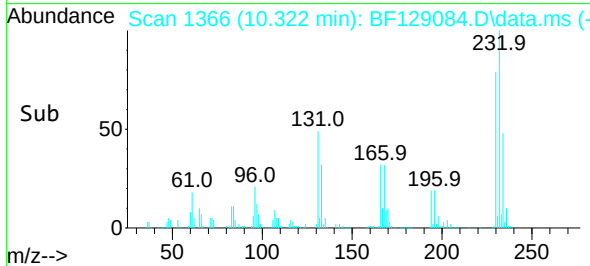
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion:232 Resp: 60399
Ion Ratio Lower Upper
232 100
131 45.4 36.1 54.1
130 2.2 1.8 2.8
166 30.3 24.2 36.2

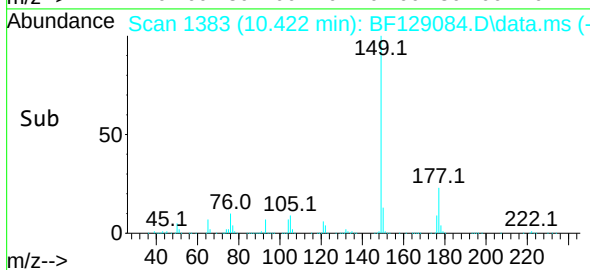
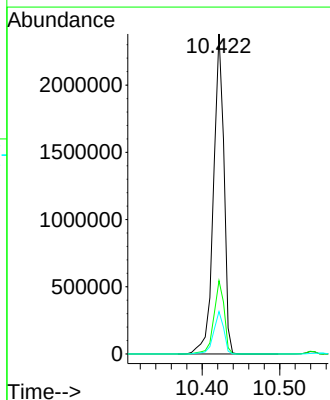
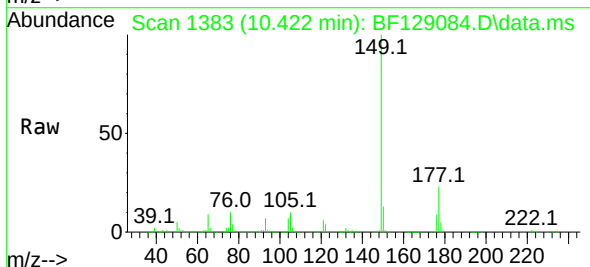
Manual Integrations
APPROVED

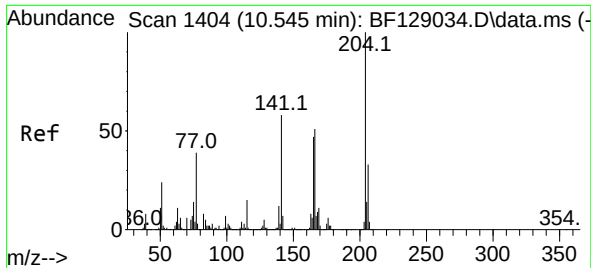
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#60
Diethylphthalate
Concen: 39.630 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

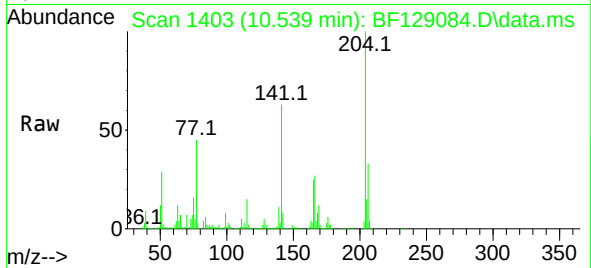
Tgt Ion:149 Resp: 2222706
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 13.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.568 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

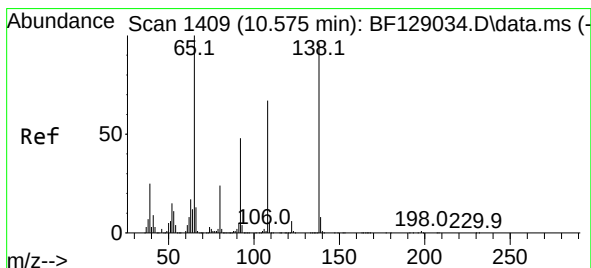
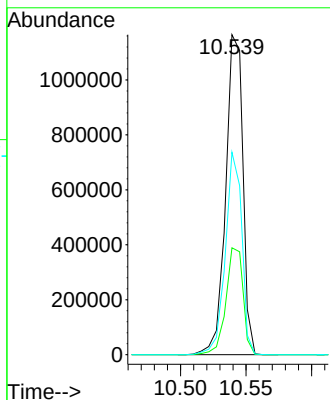
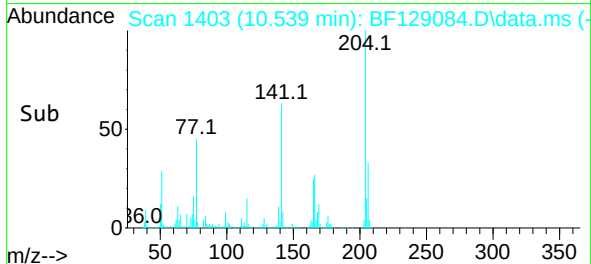
Instrument :
BNA_F
ClientSampleId :
PB145957BS



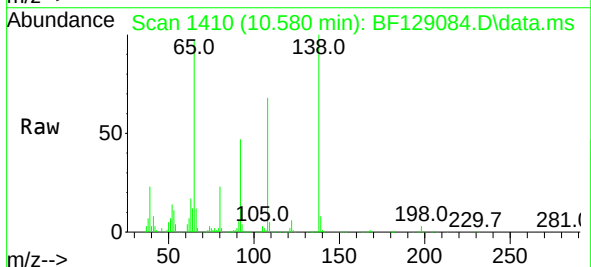
Tgt Ion:204 Resp: 106412
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 63.3 47.0 70.4

Manual Integrations
APPROVED

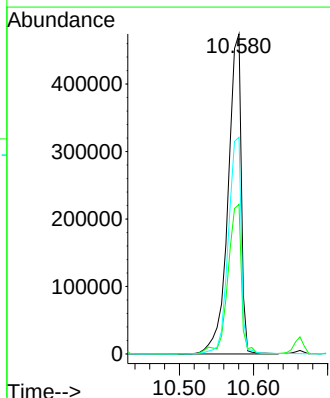
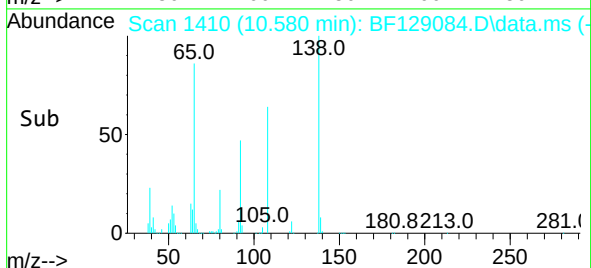
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

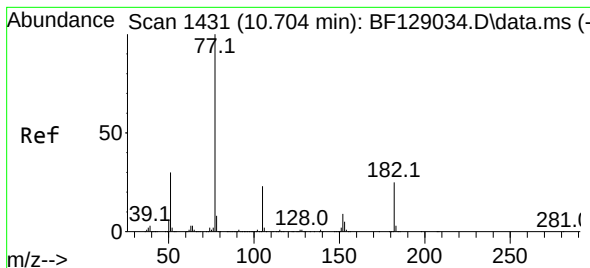


#62
4-Nitroaniline
Concen: 43.383 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



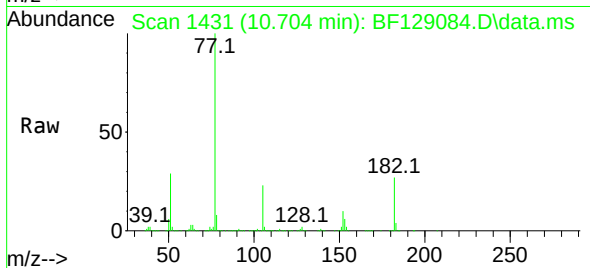
Tgt Ion:138 Resp: 586773
Ion Ratio Lower Upper
138 100
92 46.8 33.5 73.5
108 67.7 61.0 101.0





#63
Azobenzene
Concen: 38.700 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

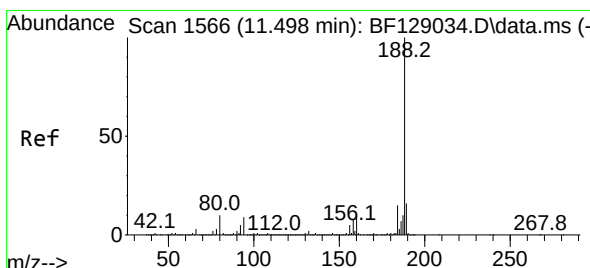
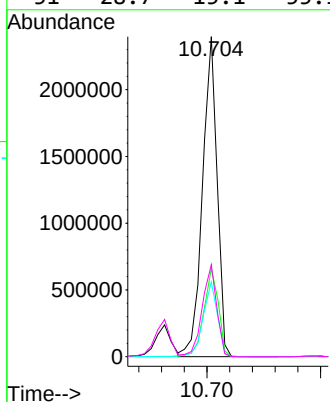
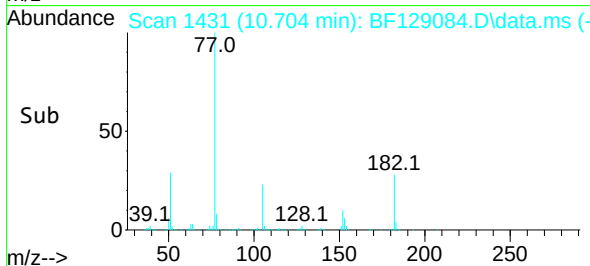
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion: 77 Resp: 212661
Ion Ratio Lower Upper
77 100
182 27.5 5.6 45.6
105 23.4 1.6 41.6
51 28.7 15.1 55.1

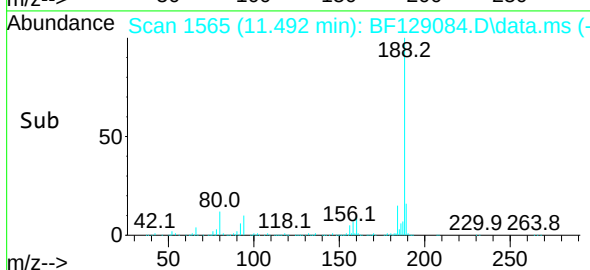
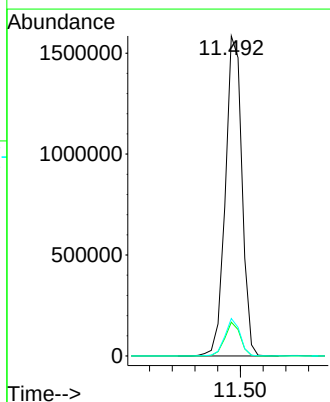
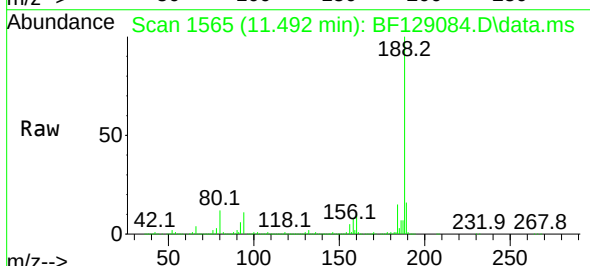
Manual Integrations
APPROVED

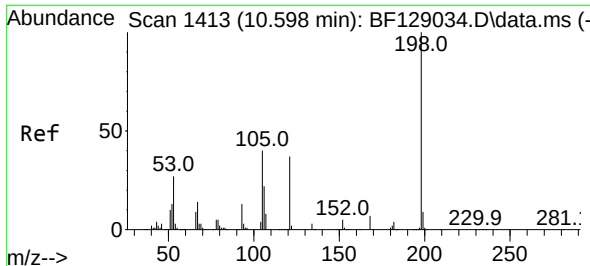
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

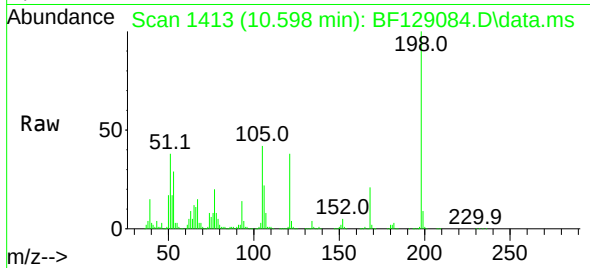
Tgt Ion:188 Resp: 1606188
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.7 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.031 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

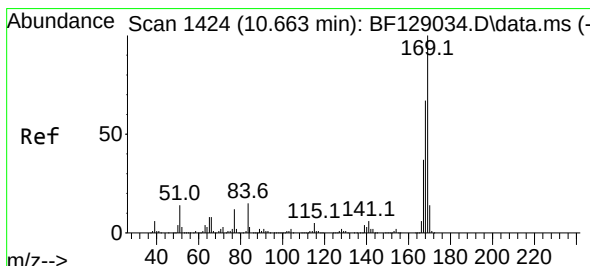
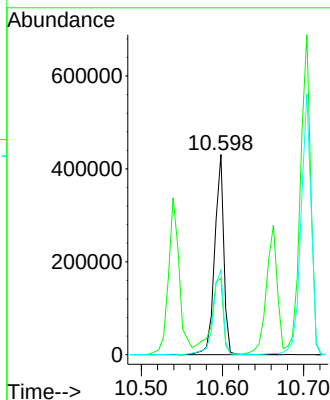
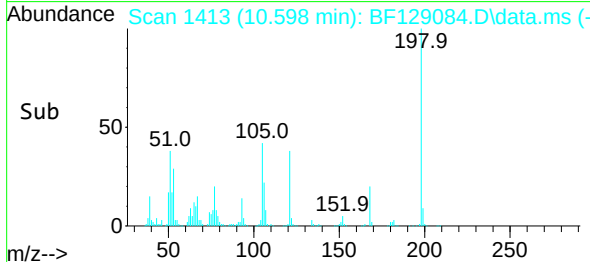
Instrument :
BNA_F
ClientSampleId :
PB145957BS



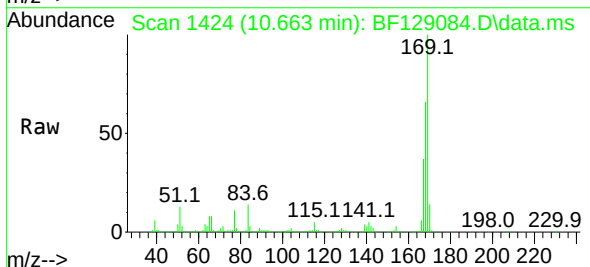
Tgt Ion:198 Resp: 334199
Ion Ratio Lower Upper
198 100
51 38.1 37.6 77.6
105 42.1 27.0 67.0

Manual Integrations
APPROVED

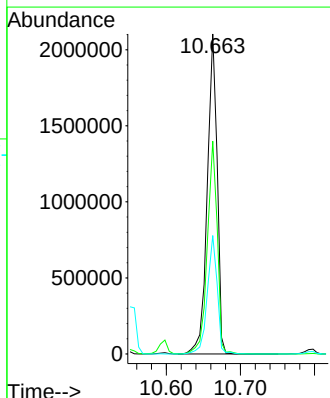
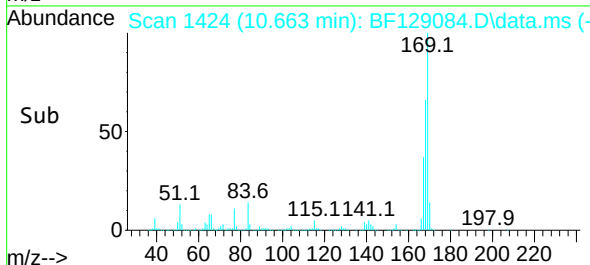
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

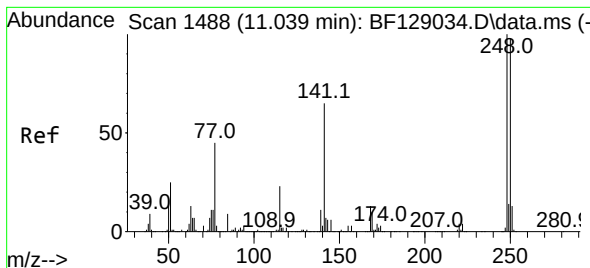


#66
n-Nitrosodiphenylamine
Concen: 40.113 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



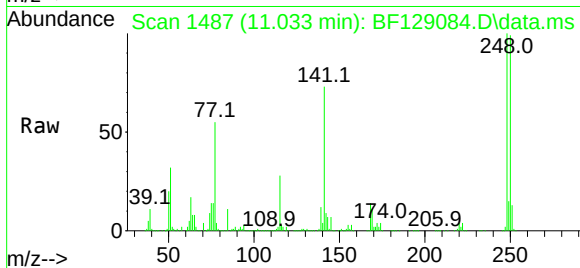
Tgt Ion:169 Resp: 1956758
Ion Ratio Lower Upper
169 100
168 66.5 50.1 75.1
167 37.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 39.896 ng
RT: 11.033 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

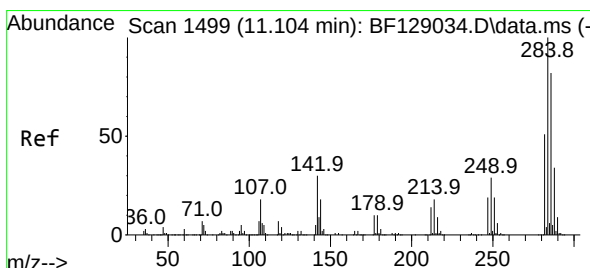
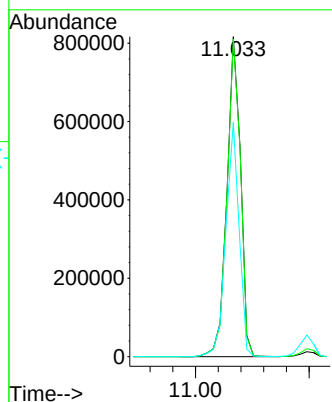
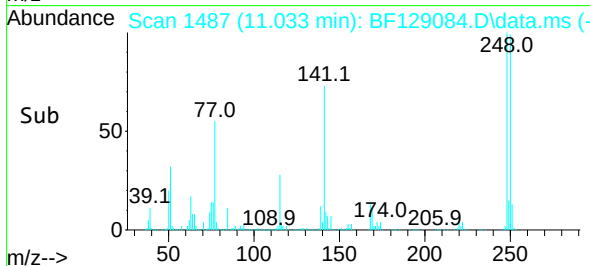
Instrument :
BNA_F
ClientSampleId :
PB145957BS



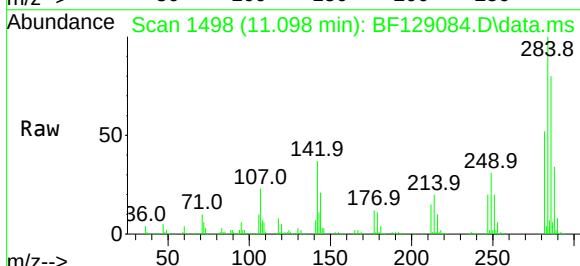
Tgt Ion:248 Resp: 681640
Ion Ratio Lower Upper
248 100
250 99.2 80.6 120.8
141 73.2 58.9 88.3

Manual Integrations
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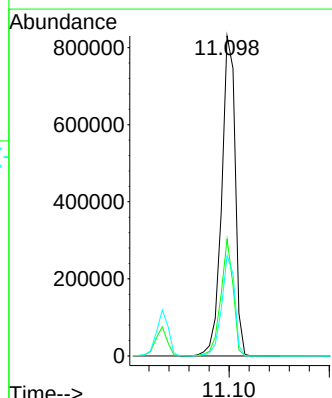
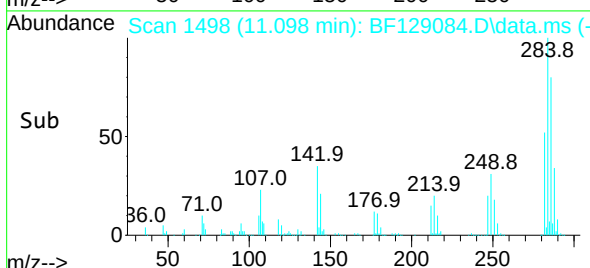
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

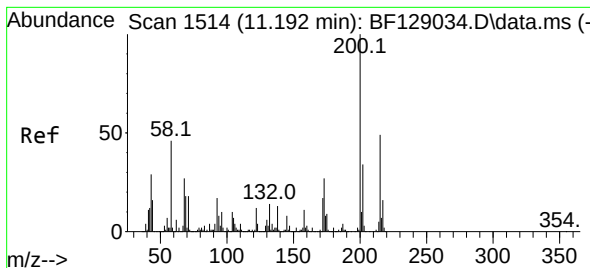


#68
Hexachlorobenzene
Concen: 40.787 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:284 Resp: 775977
Ion Ratio Lower Upper
284 100
142 36.6 29.0 43.4
249 31.4 25.0 37.6





#69

Atrazine

Concen: 46.949 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:200 Resp: 644440

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

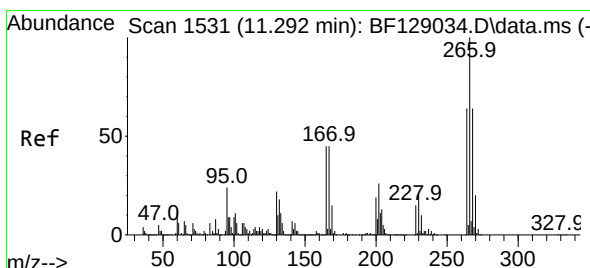
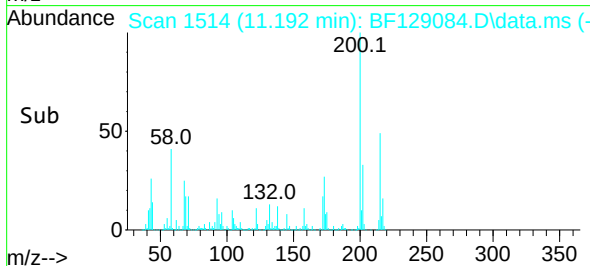
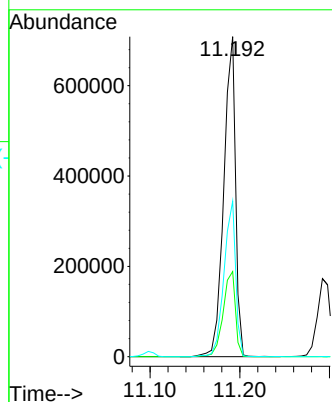
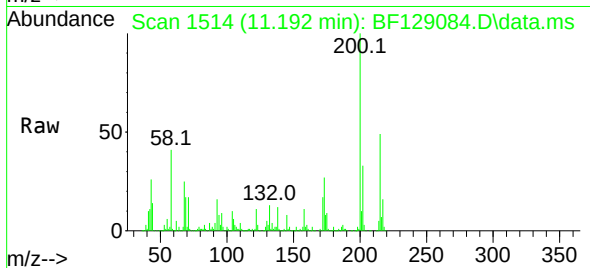
215 48.6 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#70

Pentachlorophenol

Concen: 81.186 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

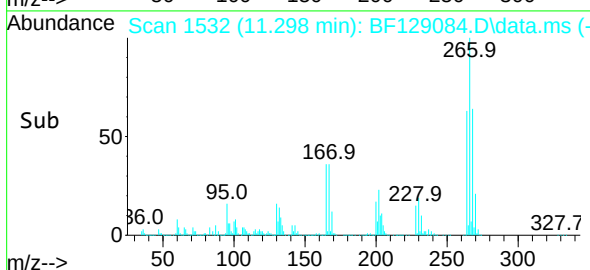
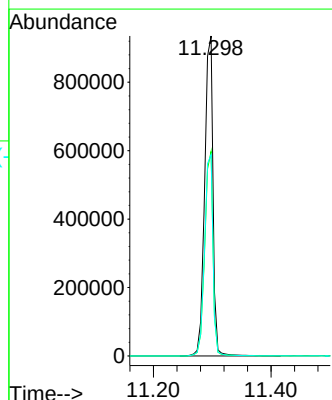
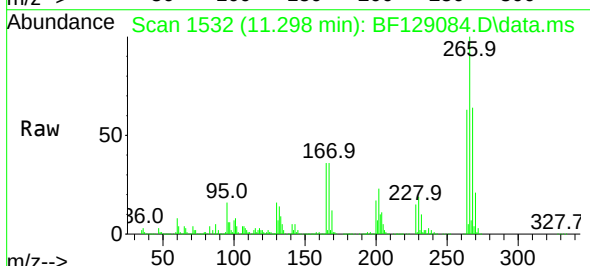
Tgt Ion:266 Resp: 919979

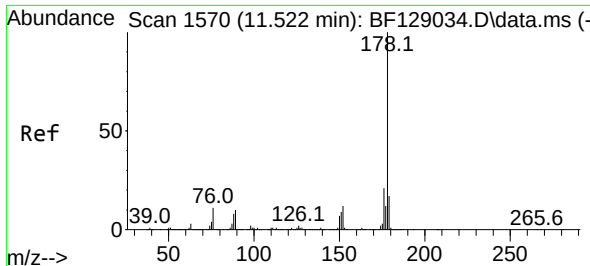
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.4

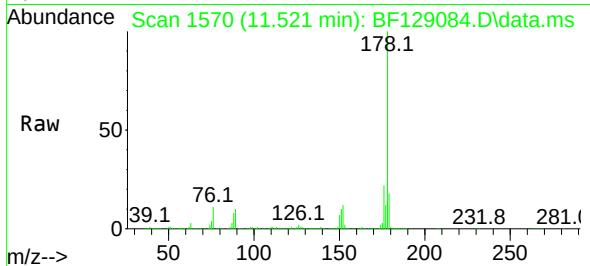
264 62.9 49.4 74.2





#71
Phenanthrene
Concen: 38.975 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

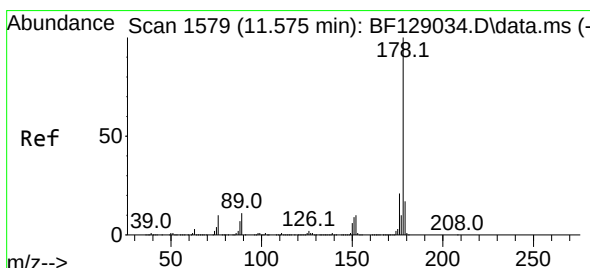
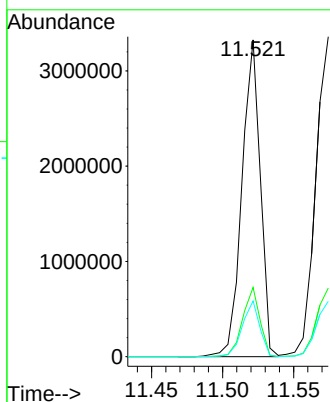
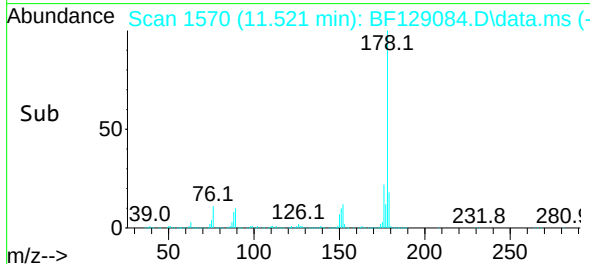
Instrument :
BNA_F
ClientSampleId :
PB145957BS



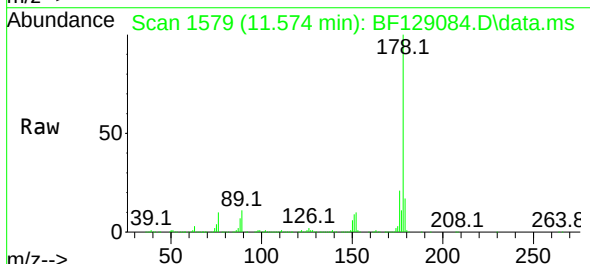
Tgt Ion:178 Resp: 2991083
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 17.6 12.6 19.0

Manual Integrations
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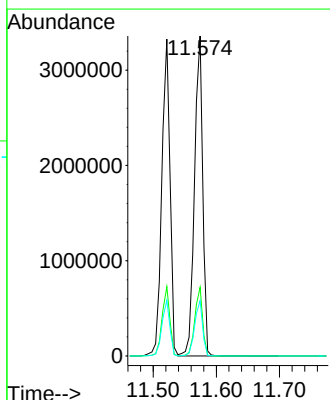
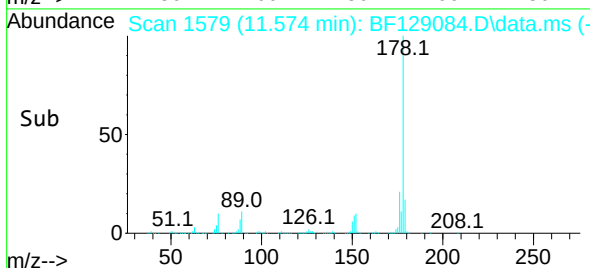
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

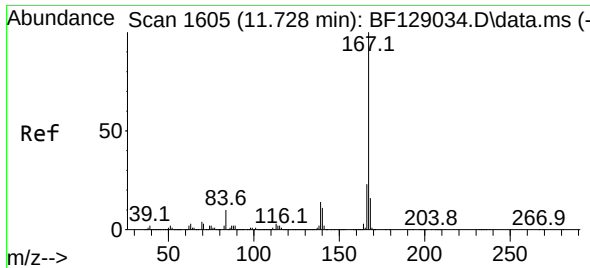


#72
Anthracene
Concen: 40.137 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



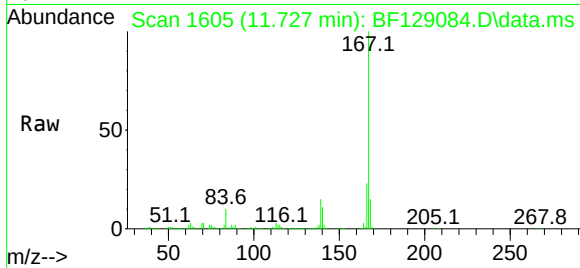
Tgt Ion:178 Resp: 3036950
Ion Ratio Lower Upper
178 100
176 21.4 15.4 23.2
179 17.3 12.6 19.0





#73
 Carbazole
 Concen: 38.506 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129084.D
 Acq: 01 Jul 2022 10:45

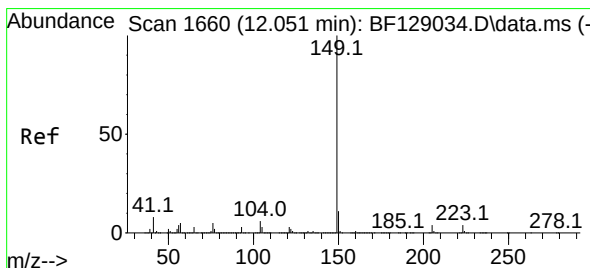
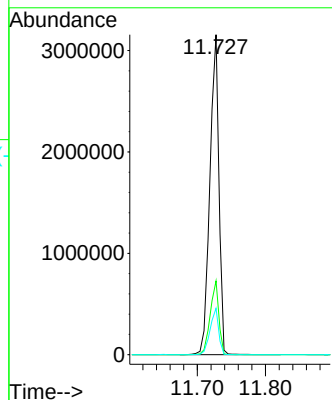
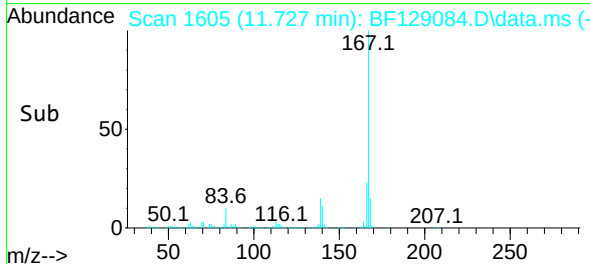
Instrument :
 BNA_F
 ClientSampleId :
 PB145957BS



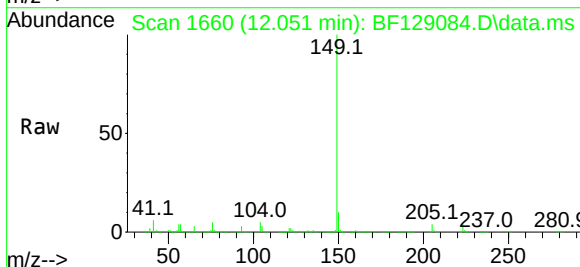
Tgt Ion:167 Resp: 2919419
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.7 26.5
 139 14.5 11.2 16.8

Manual Integrations
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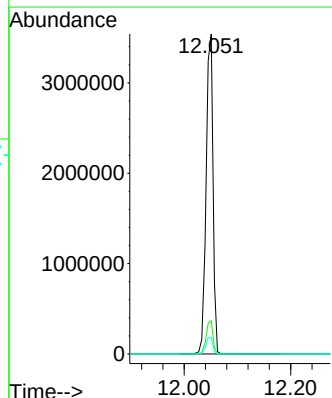
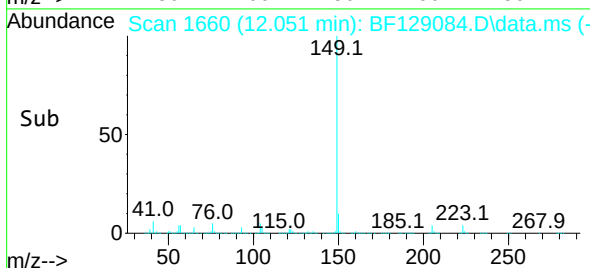
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

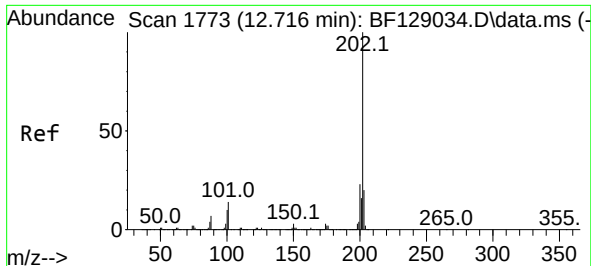


#74
 Di-n-butylphthalate
 Concen: 39.773 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129084.D
 Acq: 01 Jul 2022 10:45



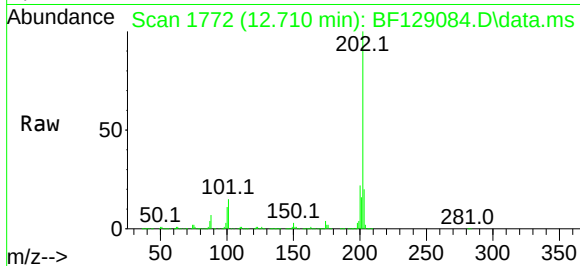
Tgt Ion:149 Resp: 3179417
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.5 11.3
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 39.991 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

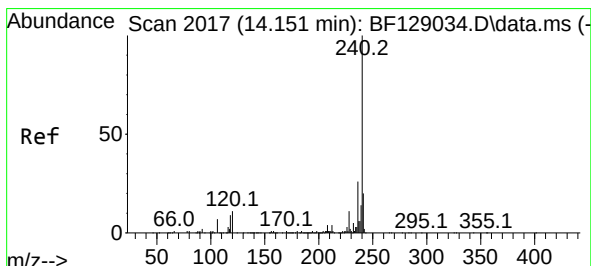
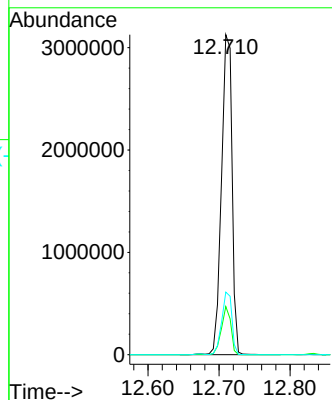
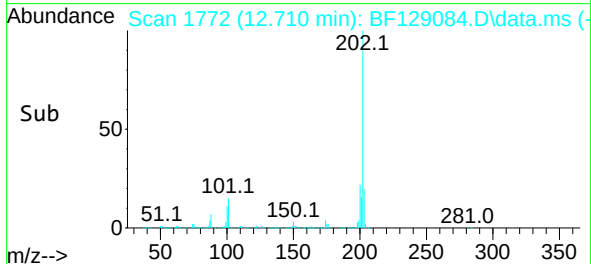
Instrument :
BNA_F
ClientSampleId :
PB145957BS



Tgt Ion:202 Resp: 3209652
Ion Ratio Lower Upper
202 100
101 15.0 0.0 31.4
203 19.6 0.0 38.0

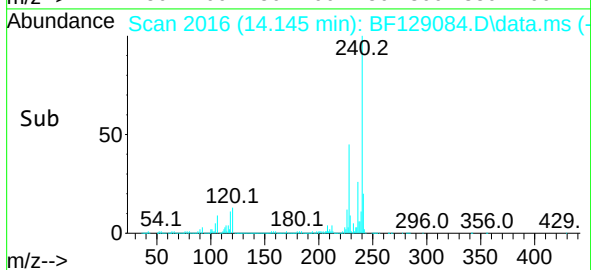
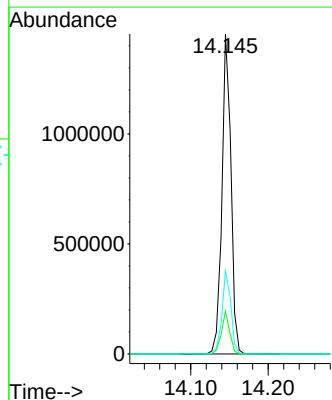
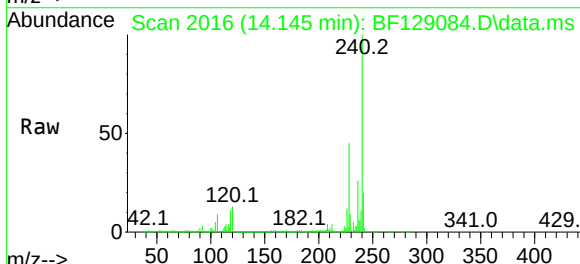
Manual Integrations
APPROVED

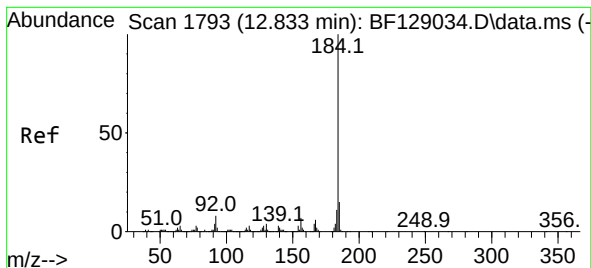
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion:240 Resp: 1172935
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 26.0 20.8 31.2





#77

Benzidine

Concen: 80.833 ng

RT: 12.833 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:184 Resp: 168824

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

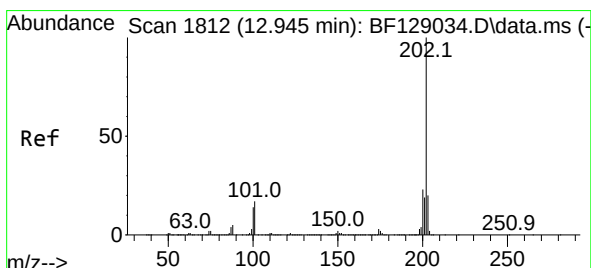
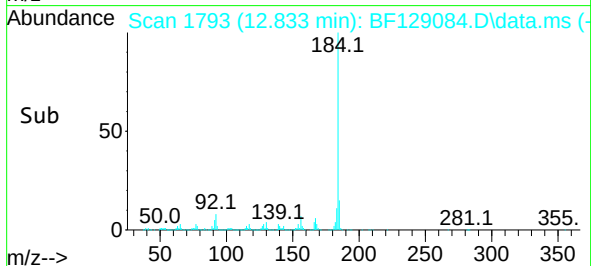
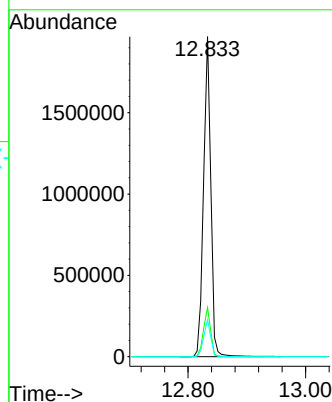
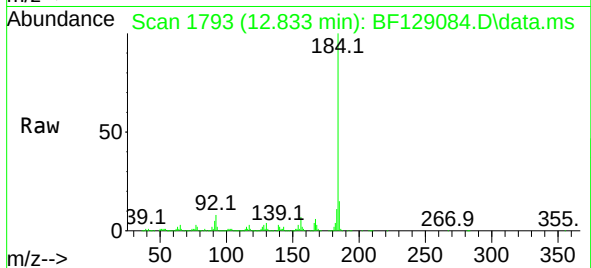
183 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#78

Pyrene

Concen: 40.062 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

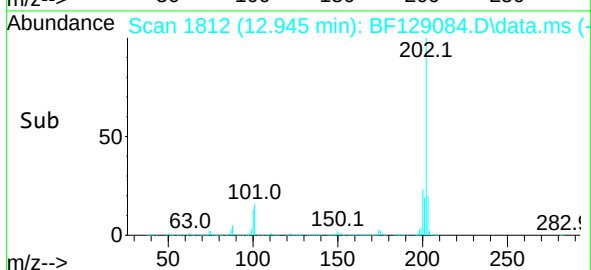
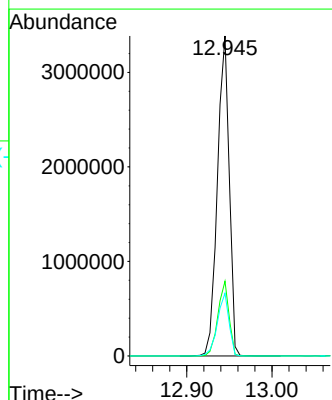
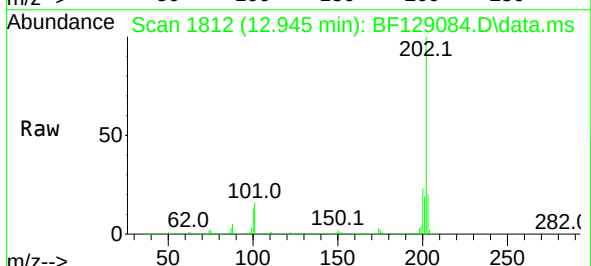
Tgt Ion:202 Resp: 3257196

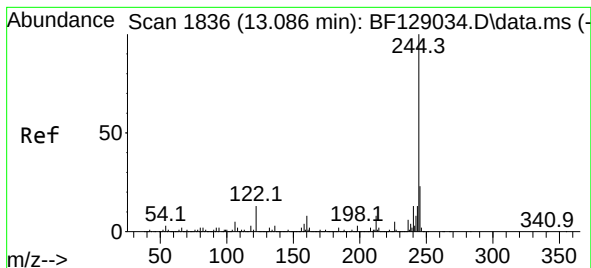
Ion Ratio Lower Upper

202 100

200 23.4 17.7 26.5

203 19.6 14.6 21.8





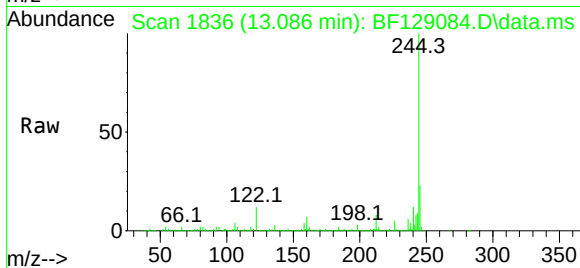
#79
 Terphenyl-d14
 Concen: 76.519 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129084.D
 Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

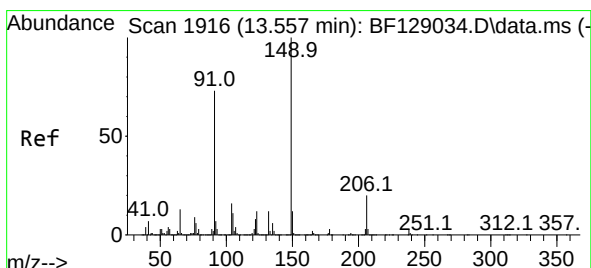
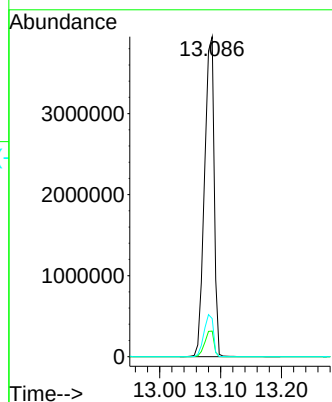
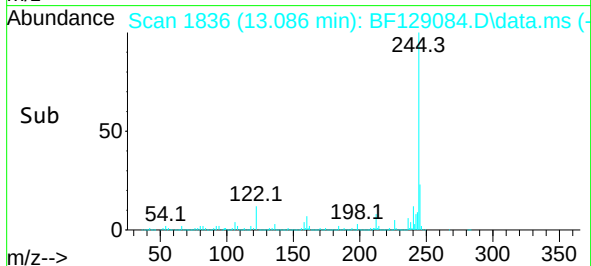


Tgt Ion:244 Resp: 4322004
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 11.9 8.8 13.2

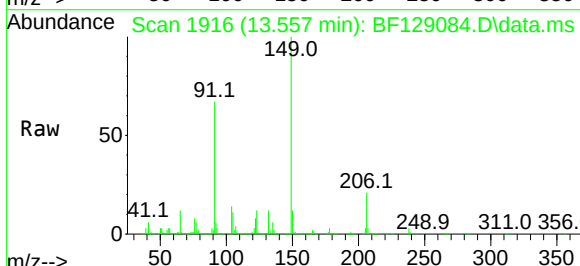
Manual Integrations

APPROVED

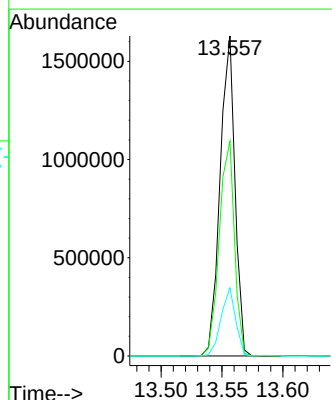
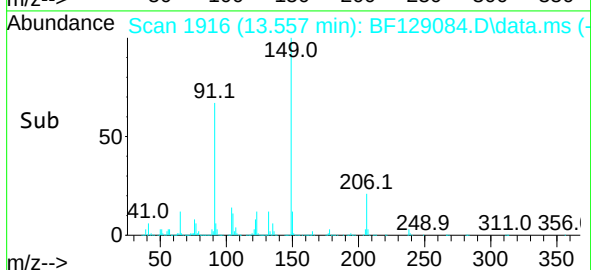
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

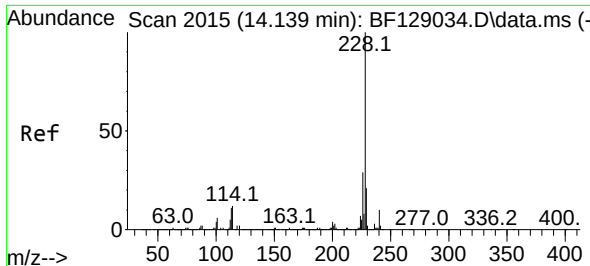


#80
 Butylbenzylphthalate
 Concen: 41.991 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129084.D
 Acq: 01 Jul 2022 10:45



Tgt Ion:149 Resp: 1390811
 Ion Ratio Lower Upper
 149 100
 91 67.1 61.2 91.8
 206 21.3 15.7 23.5





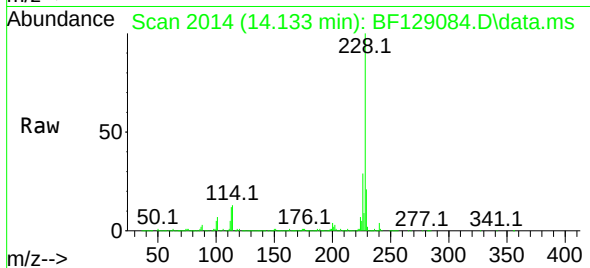
#81
Benzo(a)anthracene
Concen: 39.891 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

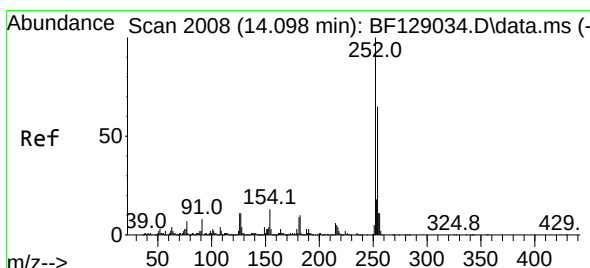
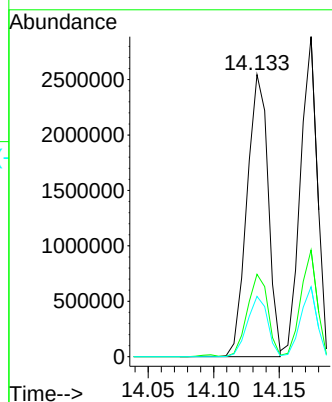
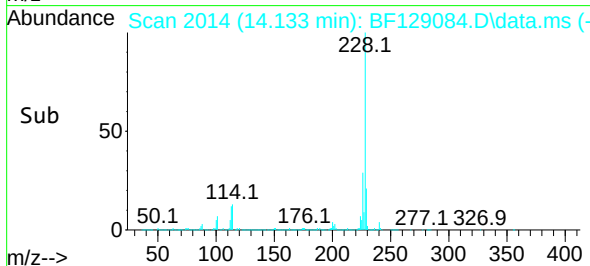


Tgt Ion:228 Resp: 285688
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 21.4 15.8 23.8

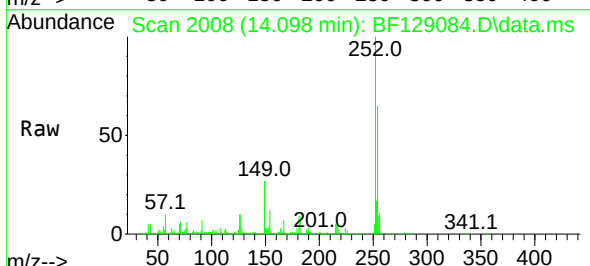
Manual Integrations

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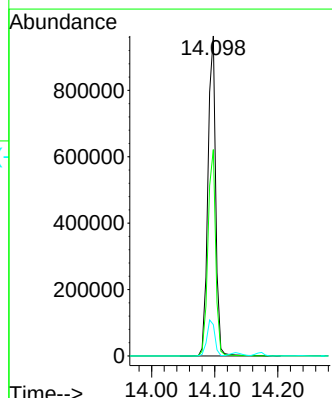
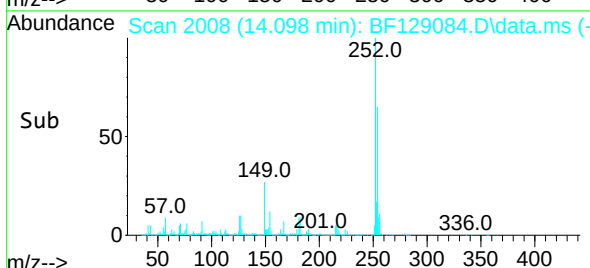
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

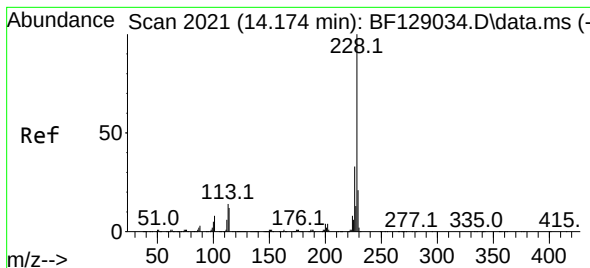


#82
3,3'-Dichlorobenzidine
Concen: 53.061 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:252 Resp: 821107
Ion Ratio Lower Upper
252 100
254 64.5 50.2 75.4
126 9.8 8.2 12.4





#83

Chrysene

Concen: 38.856 ng

RT: 14.174 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:228 Resp: 2583408

Ion Ratio Lower Upper

228 100

226 33.4 24.3 36.5

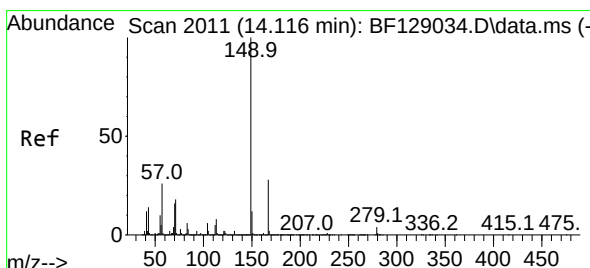
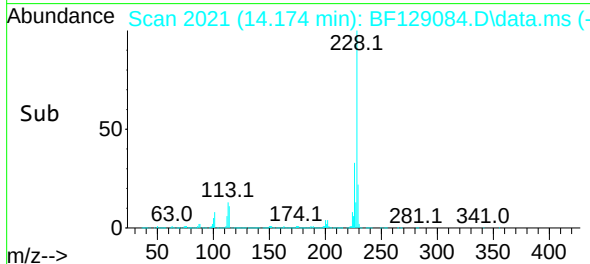
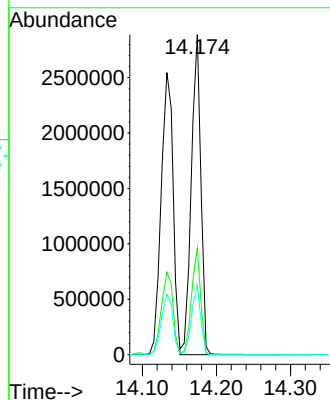
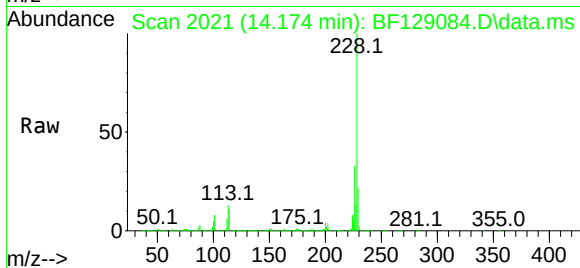
229 21.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.246 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

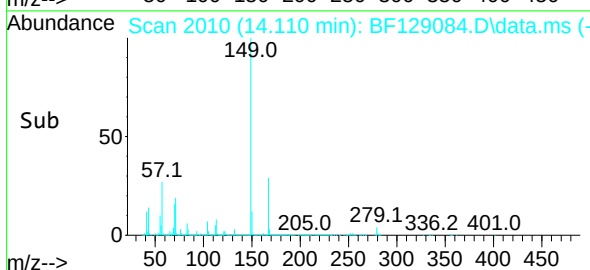
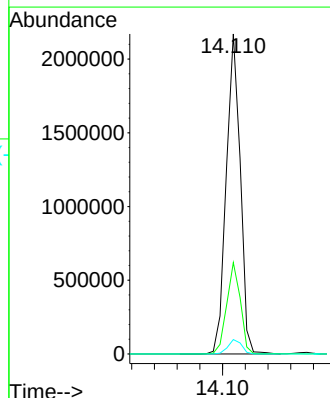
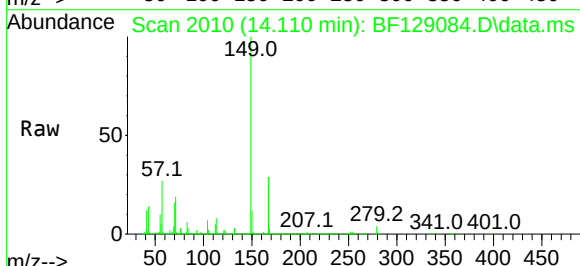
Tgt Ion:149 Resp: 1859588

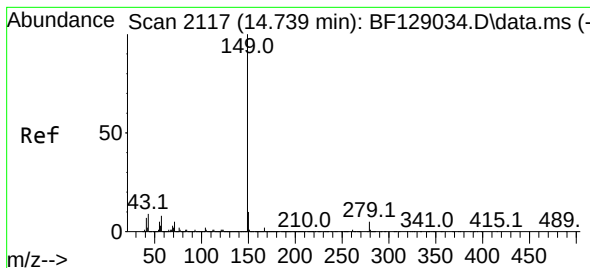
Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

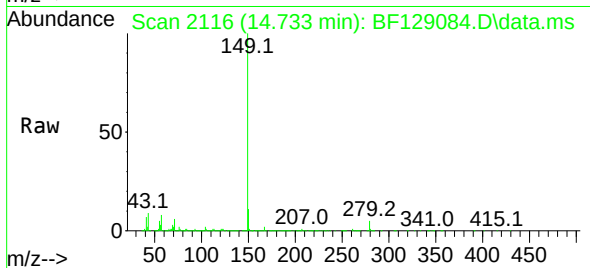
279 4.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 41.764 ng
RT: 14.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

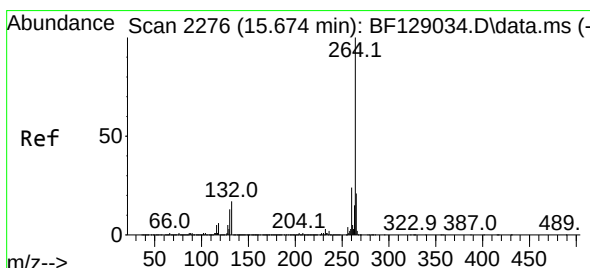
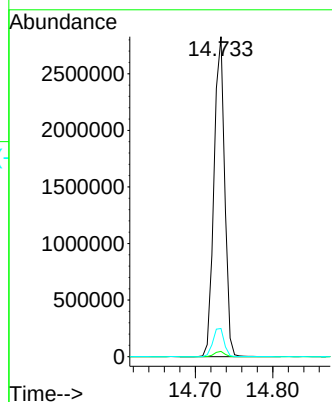
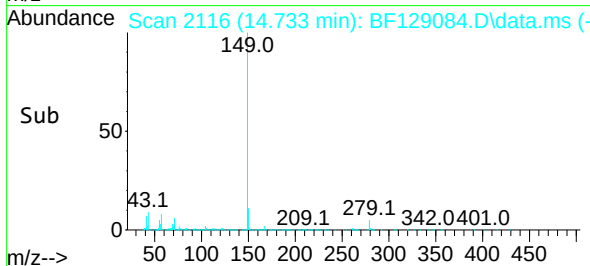
Instrument :
BNA_F
ClientSampleId :
PB145957BS



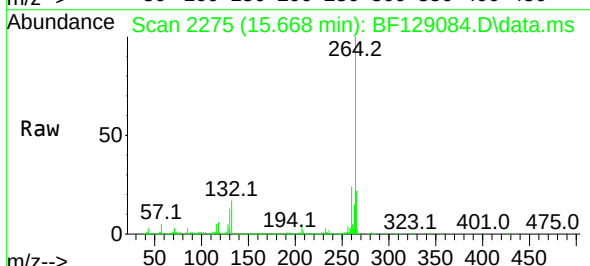
Tgt Ion:149 Resp: 271383
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 9.2 13.8

Manual Integrations
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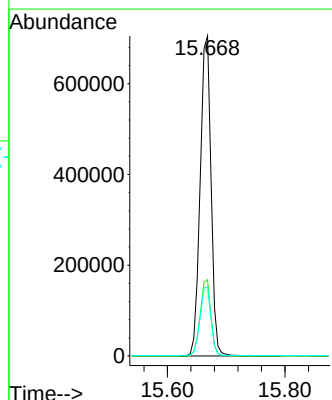
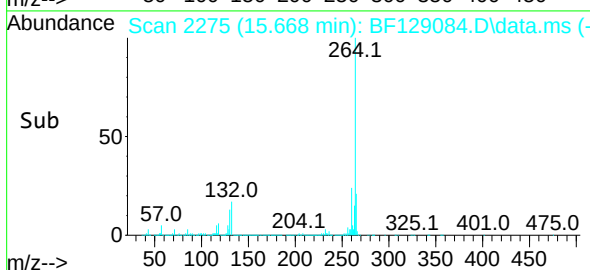
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

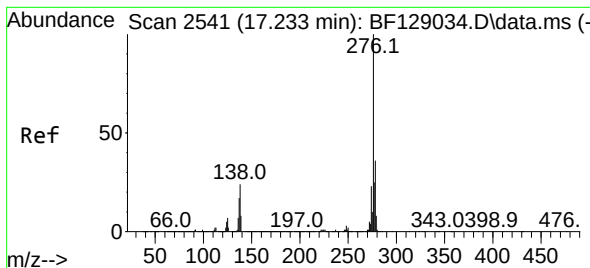


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:264 Resp: 903439
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.576 ng

RT: 17.227 min Scan# 211

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

Tgt Ion:276 Resp: 213751

Ion Ratio Lower Upper

276 100

138 27.3 21.1 31.7

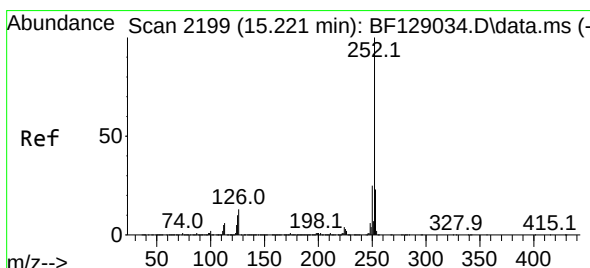
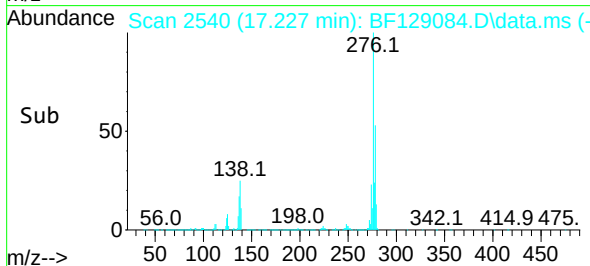
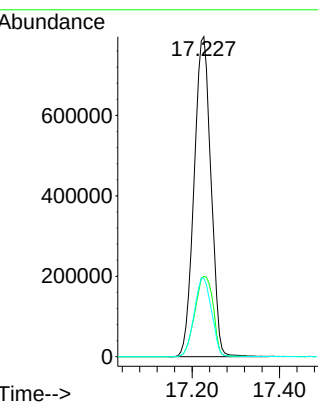
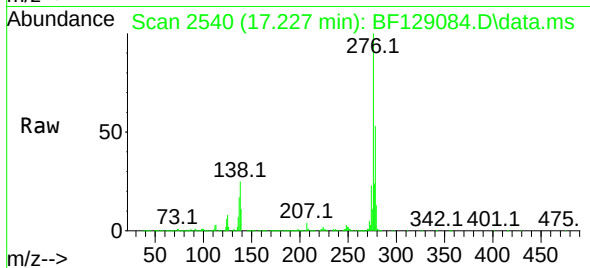
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/05/2022

Supervised By :Jagrut Upadhyay 07/05/2022



#88

Benzo(b)fluoranthene

Concen: 44.410 ng

RT: 15.215 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF129084.D

Acq: 01 Jul 2022 10:45

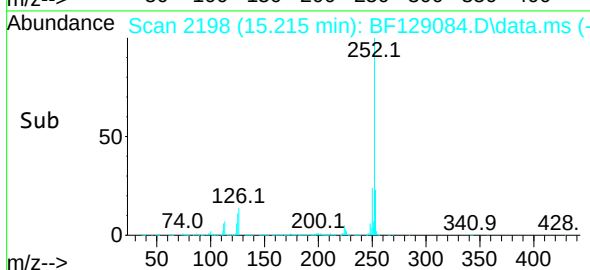
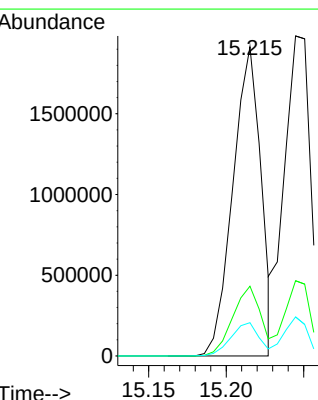
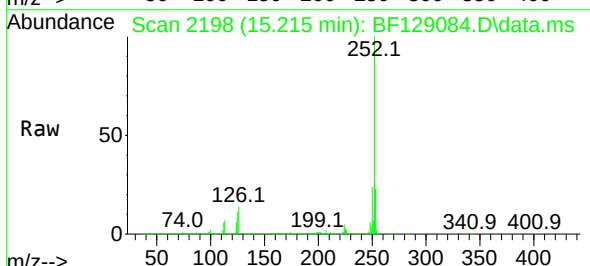
Tgt Ion:252 Resp: 2412896

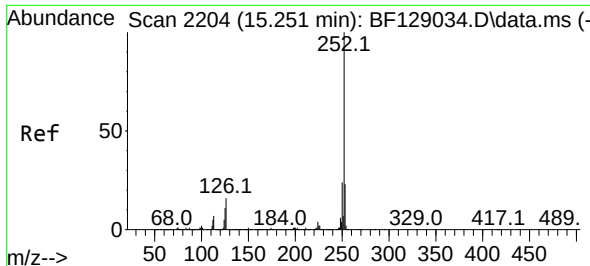
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.8 8.0 12.0





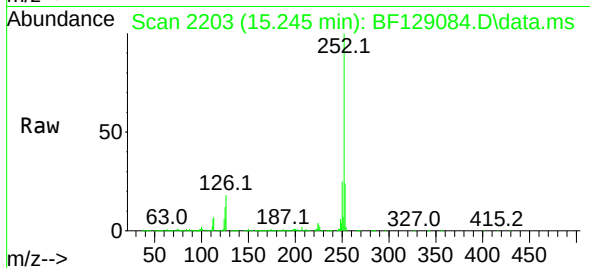
#89
Benzo(k)fluoranthene
Concen: 44.565 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNF_F

ClientSampleId :

PB145957BS

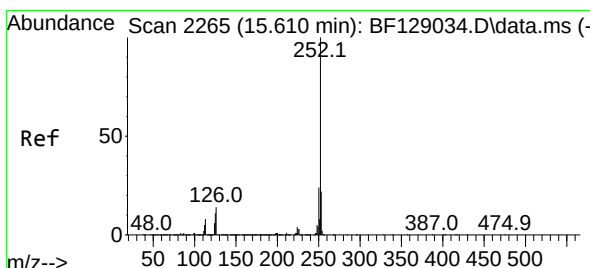
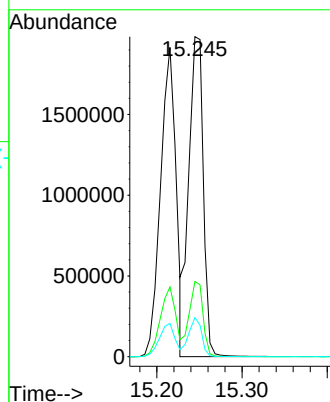
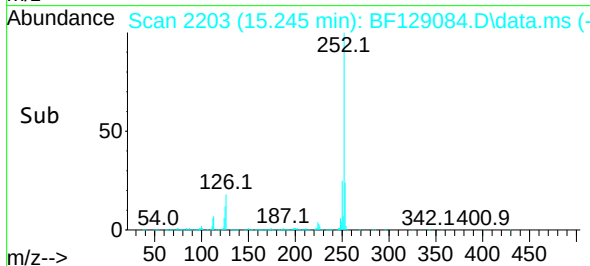


Tgt Ion:252 Resp: 234850
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 12.2 8.3 12.5

Manual Integrations

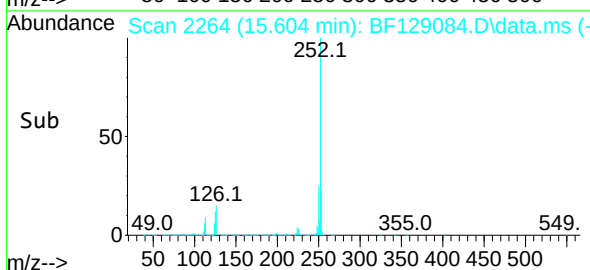
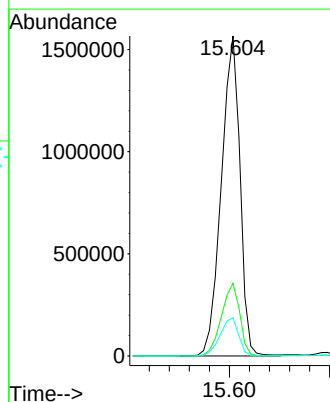
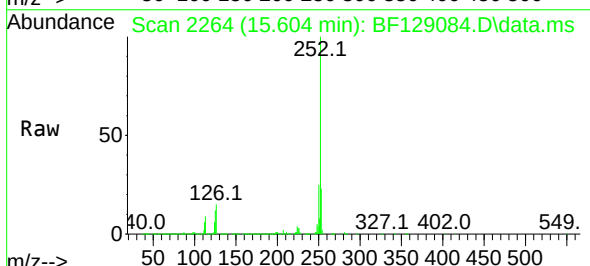
APPROVED

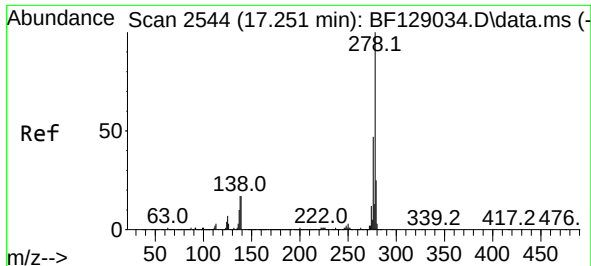
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#90
Benzo(a)pyrene
Concen: 45.468 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Tgt Ion:252 Resp: 2013874
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 12.0 8.8 13.2





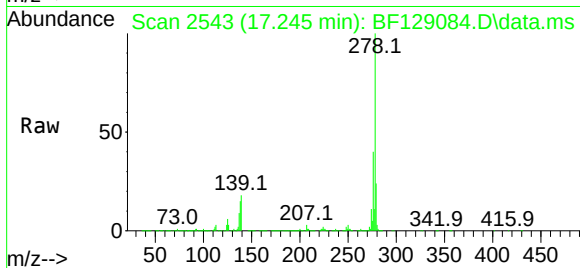
#91
Dibenzo(a,h)anthracene
Concen: 40.764 ng
RT: 17.245 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45

Instrument :

BNA_F

ClientSampleId :

PB145957BS

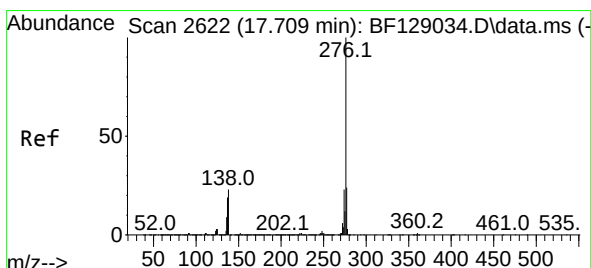
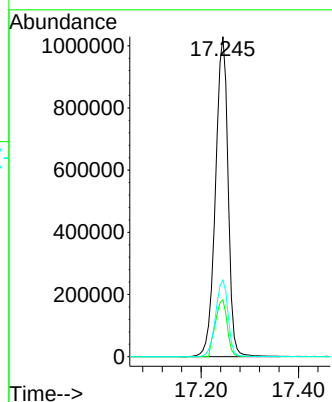
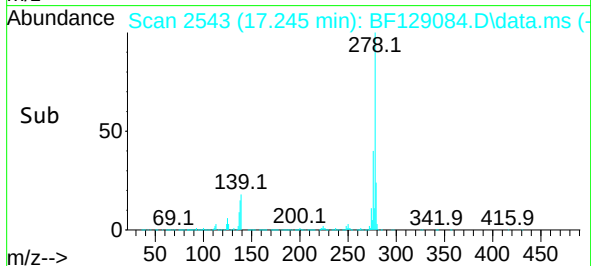


Tgt Ion:278 Resp: 184132
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 23.9 18.6 28.0

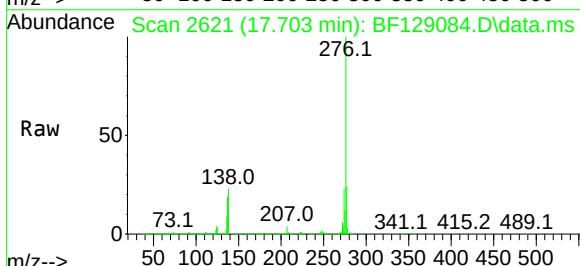
Manual Integrations

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Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#92
Benzo(g,h,i)perylene
Concen: 40.536 ng
RT: 17.703 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF129084.D
Acq: 01 Jul 2022 10:45



Tgt Ion:276 Resp: 1836999
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 23.1 18.0 27.0

