

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129044.D
 Acq On : 29 Jun 2022 19:28
 Operator : CG\JU
 Sample : PB145722BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 20:41:37 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	430395	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1667792	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	858388	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1517042	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1050216	20.000	ng	0.00
86) Perylene-d12	15.668	264	844283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2766508	108.671	ng	0.01
7) Phenol-d6	6.587	99	3456654	109.327	ng	0.00
23) Nitrobenzene-d5	7.528	82	2161274	77.295	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1070398	114.681	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	3823303	71.255	ng	0.00
79) Terphenyl-d14	13.086	244	4214261	83.330	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	357307	31.481	ng	89
3) Pyridine	3.722	79	925270	33.382	ng	88
4) n-Nitrosodimethylamine	3.628	42	524429	41.761	ng	83
6) Aniline	6.628	93	1253506	35.449	ng	97
8) 2-Chlorophenol	6.745	128	1158827	43.326	ng	96
9) Benzaldehyde	6.516	77	192101	9.614	ng	95
10) Phenol	6.604	94	1382489m	43.157	ng	
11) bis(2-Chloroethyl)ether	6.692	93	1094240	43.157	ng	94
12) 1,3-Dichlorobenzene	6.898	146	1217348	41.346	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1232704	41.509	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1183237	42.384	ng	99
15) Benzyl Alcohol	7.104	79	931573	41.887	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1525130	42.115	ng	95
17) 2-Methylphenol	7.204	107	927200	42.601	ng	98
18) Hexachloroethane	7.475	117	441935	42.387	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	780158	42.655	ng	90
20) 3+4-Methylphenols	7.363	107	1176774	42.518	ng	97
22) Acetophenone	7.375	105	1551141	40.543	ng	# 92
24) Nitrobenzene	7.545	77	1157082	42.769	ng	92
25) Isophorone	7.786	82	2104883	44.542	ng	97
26) 2-Nitrophenol	7.857	139	592333	47.109	ng	89
27) 2,4-Dimethylphenol	7.892	122	1077199	47.453	ng	95
28) bis(2-Chloroethoxy)met...	7.986	93	1325511	40.843	ng	99
29) 2,4-Dichlorophenol	8.098	162	957024	41.334	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	1013030	39.760	ng	97
31) Naphthalene	8.269	128	3121645	41.230	ng	97
32) Benzoic acid	8.010	122	769891	42.272	ng	95
33) 4-Chloroaniline	8.310	127	759314	24.889	ng	97
34) Hexachlorobutadiene	8.381	225	596176	39.187	ng	99
35) Caprolactam	8.698	113	303912m	41.393	ng	
36) 4-Chloro-3-methylphenol	8.792	107	976253	41.499	ng	90
37) 2-Methylnaphthalene	8.957	142	2120295	41.618	ng	100
38) 1-Methylnaphthalene	9.057	142	2023553	40.900	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	971096	40.248	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1235329	96.995	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	695653	42.329	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129044.D
 Acq On : 29 Jun 2022 19:28
 Operator : CG\JU
 Sample : PB145722BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 20:41:37 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)
44) 2,4,5-Trichlorophenol	9.275	196	712262	40.745	ng	98
46) 1,1'-Biphenyl	9.422	154	2553933	41.385	ng	97
47) 2-Chloronaphthalene	9.451	162	1937137	40.648	ng	96
48) 2-Nitroaniline	9.545	65	571716	45.549	ng	# 82
49) Acenaphthylene	9.869	152	3104154	42.867	ng	96
50) Dimethylphthalate	9.727	163	2219274	41.327	ng	99
51) 2,6-Dinitrotoluene	9.786	165	512186	46.675	ng	91
52) Acenaphthene	10.039	154	2143271	45.439	ng	98
53) 3-Nitroaniline	9.957	138	420405	32.127	ng	# 85
54) 2,4-Dinitrophenol	10.063	184	524981	87.740	ng	# 77
55) Dibenzofuran	10.210	168	2783173	40.522	ng	97
56) 4-Nitrophenol	10.116	139	929965	86.978	ng	91
57) 2,4-Dinitrotoluene	10.192	165	662073	48.872	ng	# 86
58) Fluorene	10.557	166	2168539	40.818	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	603674	41.683	ng	100
60) Diethylphthalate	10.427	149	2215108	41.166	ng	97
61) 4-Chlorophenyl-phenyle...	10.545	204	1062963	40.157	ng	99
62) 4-Nitroaniline	10.580	138	557689	42.977	ng	88
63) Azobenzene	10.704	77	2121351	40.238	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	299378	44.606	ng	87
66) n-Nitrosodiphenylamine	10.663	169	1946776	42.254	ng	95
67) 4-Bromophenyl-phenylether	11.039	248	673005	41.705	ng	93
68) Hexachlorobenzene	11.104	284	758593	42.216	ng	94
69) Atrazine	11.192	200	615710	47.491	ng	98
70) Pentachlorophenol	11.298	266	932436	87.121	ng	99
71) Phenanthrene	11.521	178	3008926	41.512	ng	96
72) Anthracene	11.574	178	3055671	42.758	ng	96
73) Carbazole	11.727	167	2903654	40.548	ng	97
74) Di-n-butylphthalate	12.051	149	3226819	42.738	ng	98
75) Fluoranthene	12.716	202	3171625	41.839	ng	95
77) Benzidine	12.833	184	1195238	63.915	ng	99
78) Pyrene	12.945	202	3217741	44.202	ng	97
80) Butylbenzylphthalate	13.557	149	1330861	44.876	ng	94
81) Benzo(a)anthracene	14.139	228	2711796	42.290	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	678150	48.944	ng	97
83) Chrysene	14.174	228	2456983	41.273	ng	96
84) Bis(2-ethylhexyl)phtha...	14.115	149	1786221	45.321	ng	96
85) Di-n-octyl phthalate	14.733	149	2582282	44.383	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2300880	44.434	ng	99
88) Benzo(b)fluoranthene	15.221	252	2373239	46.740	ng	99
89) Benzo(k)fluoranthene	15.251	252	2234950	45.382	ng	99
90) Benzo(a)pyrene	15.609	252	2180832	52.687	ng	98
91) Dibenzo(a,h)anthracene	17.251	278	2007531	47.558	ng	97
92) Benzo(g,h,i)perylene	17.709	276	1991517	47.025	ng	98

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

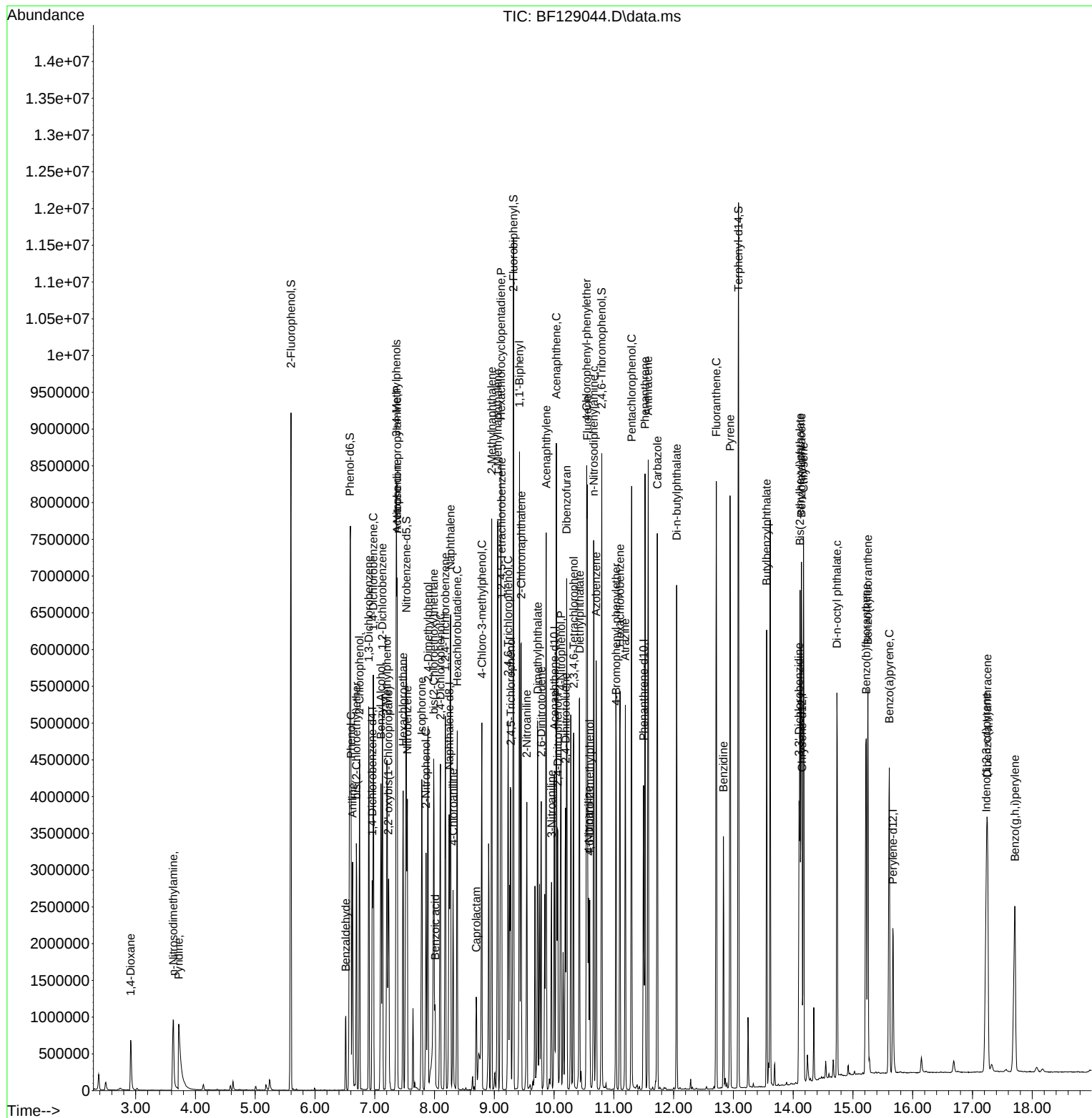
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129044.D
 Acq On : 29 Jun 2022 19:28
 Operator : CG\JU
 Sample : PB145722BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

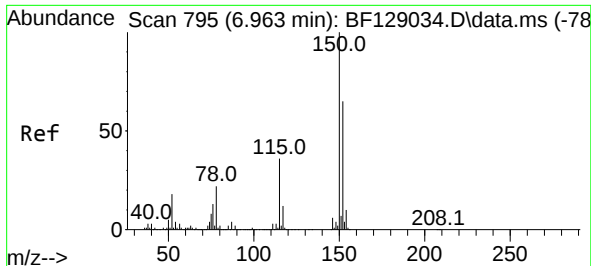
Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

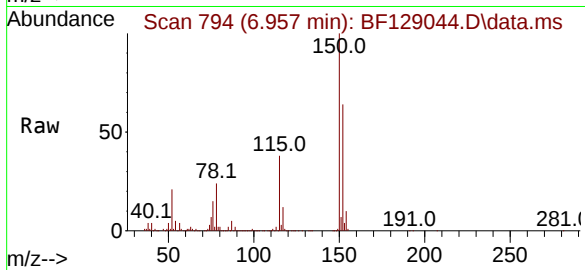
Quant Time: Jun 29 20:41:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

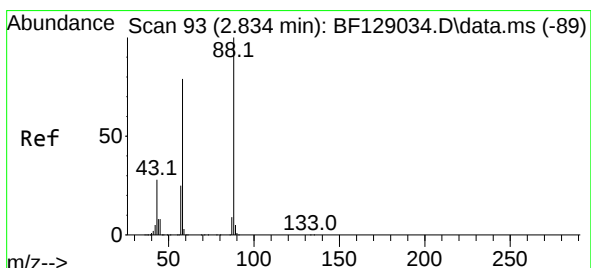
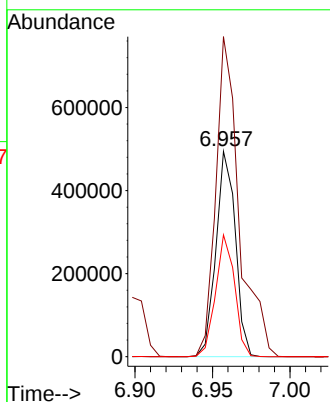
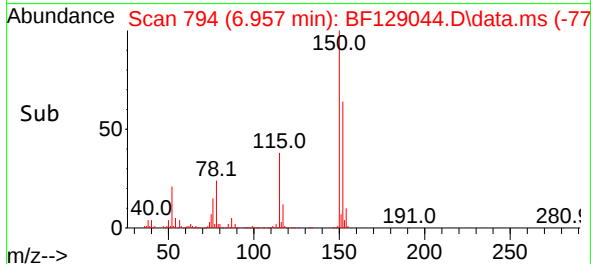
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:152 Resp: 430398
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 59.3 49.9 74.9

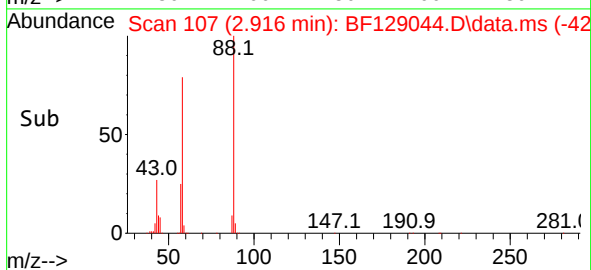
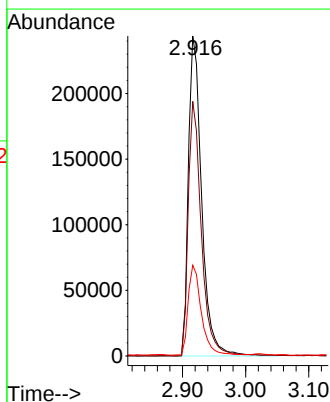
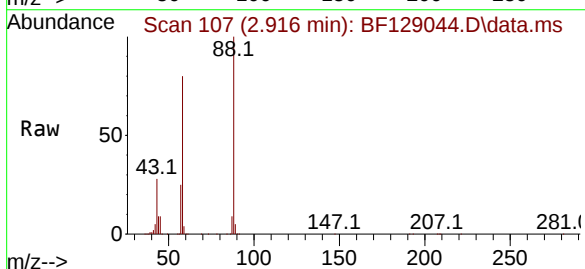
Manual Integrations
APPROVED

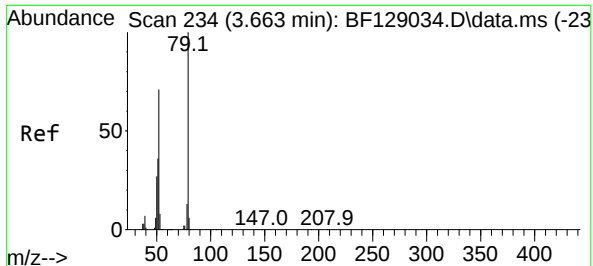
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#2
1,4-Dioxane
Concen: 31.481 ng
RT: 2.916 min Scan# 107
Delta R.T. 0.082 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

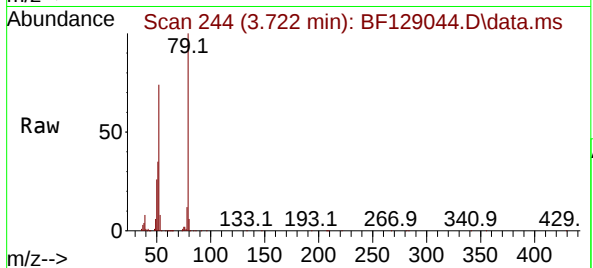
Tgt Ion: 88 Resp: 357307
Ion Ratio Lower Upper
88 100
58 79.0 71.8 107.8
43 27.9 26.6 39.8





#3
Pyridine
Concen: 33.382 ng
RT: 3.722 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

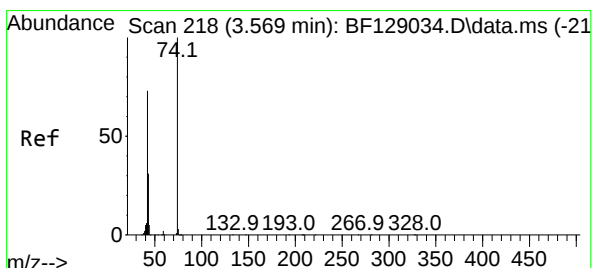
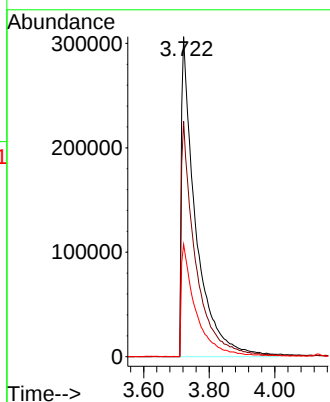
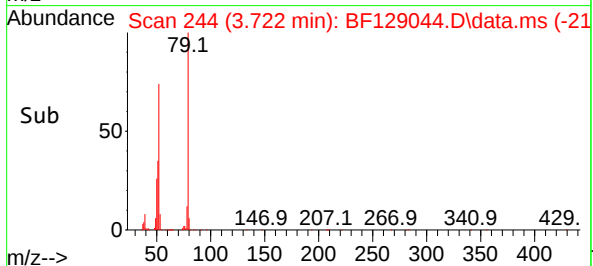
Instrument :
BNA_F
ClientSampleId :
PB145722BS



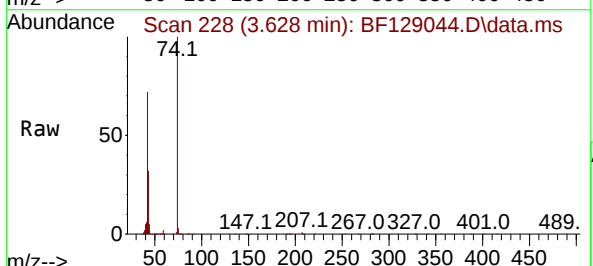
Tgt Ion: 79 Resp: 925270
Ion Ratio Lower Upper
79 100
52 73.5 68.6 102.8
51 35.1 32.9 49.3

Manual Integrations
APPROVED

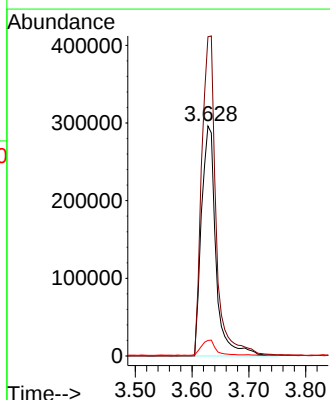
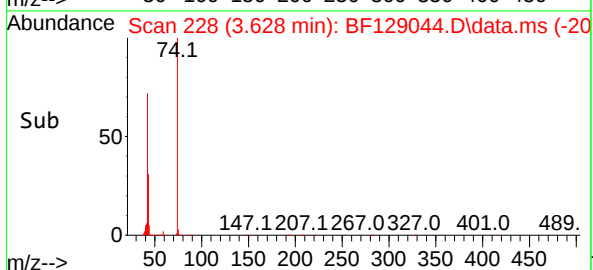
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

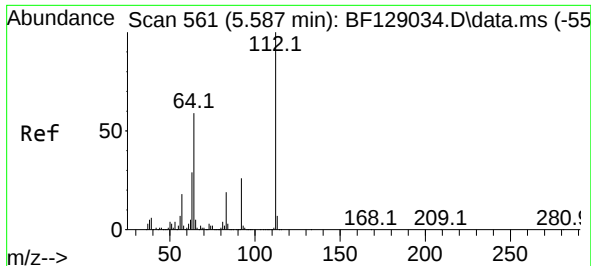


#4
n-Nitrosodimethylamine
Concen: 41.761 ng
RT: 3.628 min Scan# 228
Delta R.T. 0.059 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



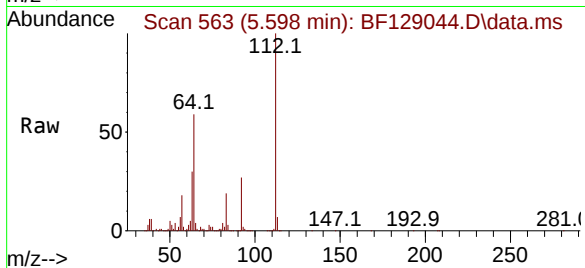
Tgt Ion: 42 Resp: 524429
Ion Ratio Lower Upper
42 100
74 138.8 94.8 142.2
44 6.8 6.6 10.0





#5
2-Fluorophenol
Concen: 108.671 ng
RT: 5.598 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

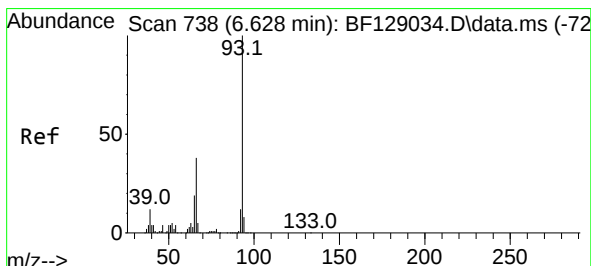
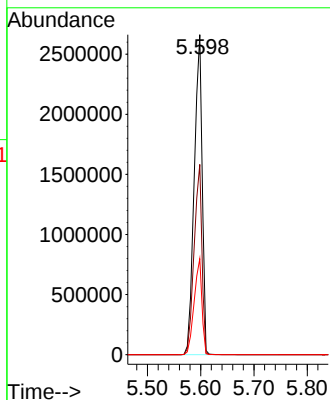
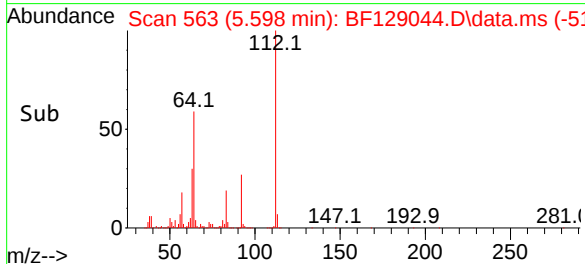
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:112 Resp: 2766508
Ion Ratio Lower Upper
112 100
64 59.5 53.3 79.9
63 30.0 28.0 42.0

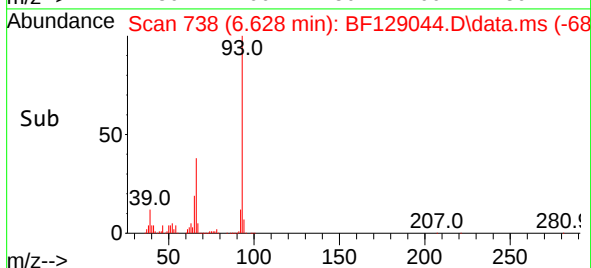
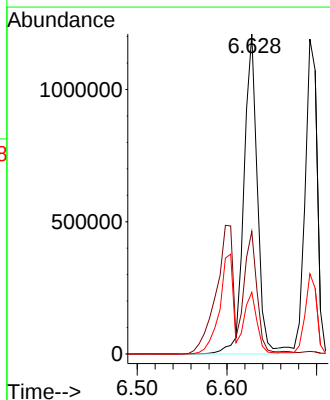
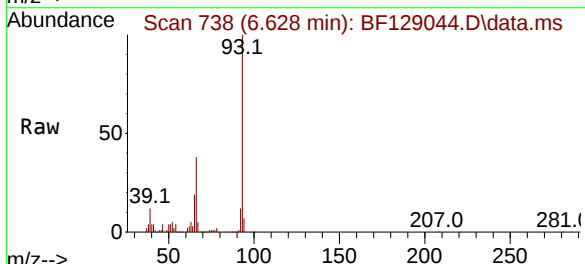
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#6
Aniline
Concen: 35.449 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

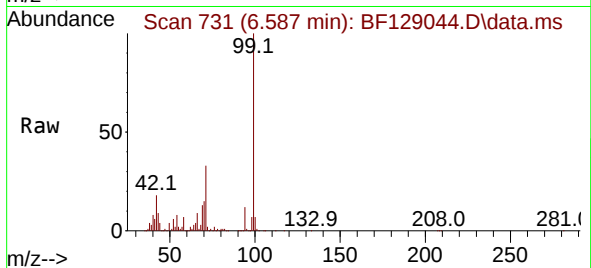
Tgt Ion: 93 Resp: 1253506
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 19.3 16.4 24.6





#7
Phenol-d6
Concen: 109.327 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

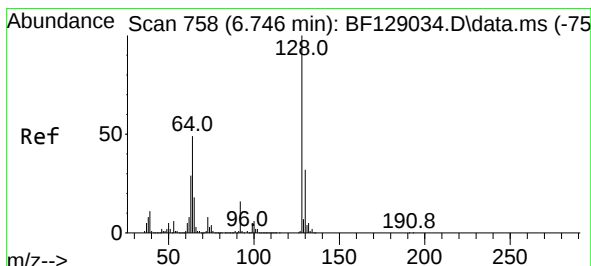
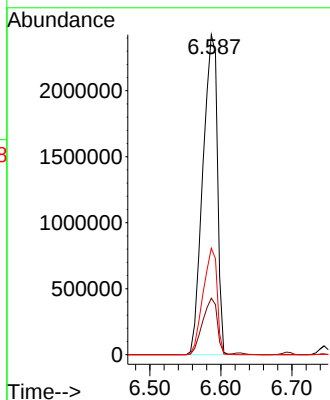
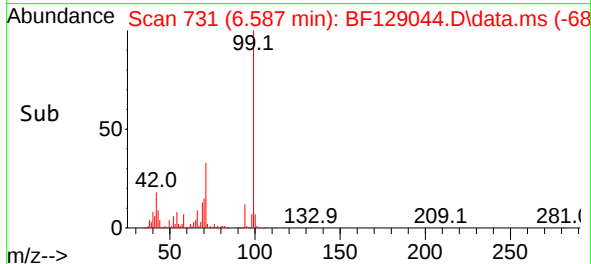
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion: 99 Resp: 3456654
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 33.3 28.9 43.3

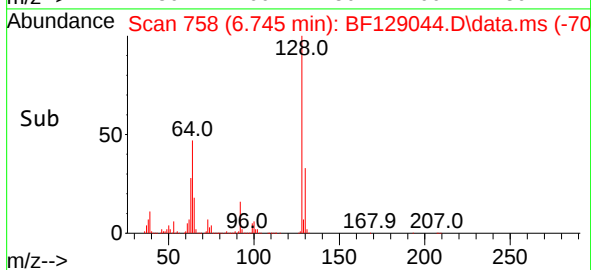
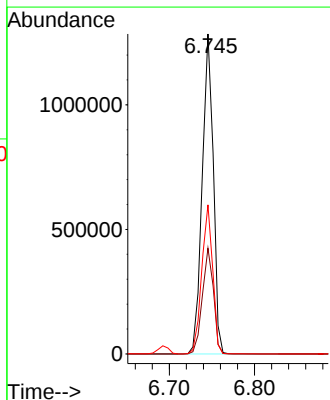
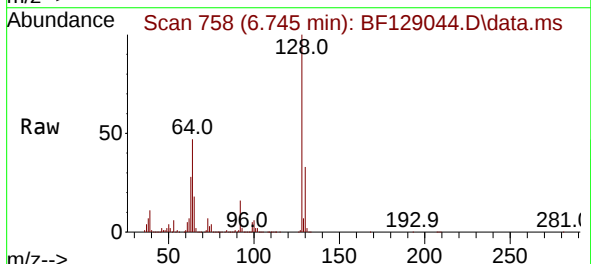
Manual Integrations
APPROVED

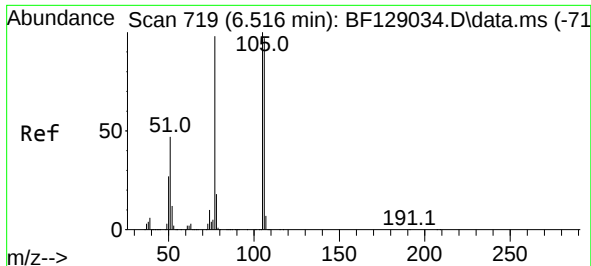
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#8
2-Chlorophenol
Concen: 43.326 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

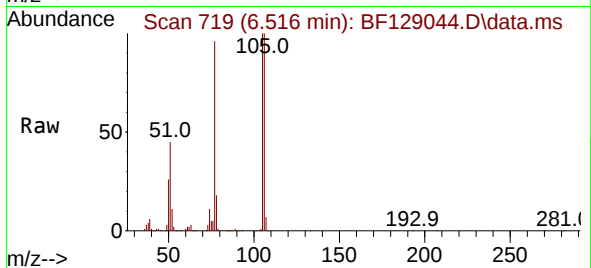
Tgt Ion:128 Resp: 1158827
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 46.6 30.9 70.9





#9
Benzaldehyde
Concen: 9.614 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

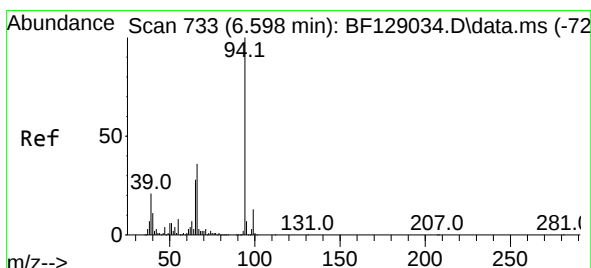
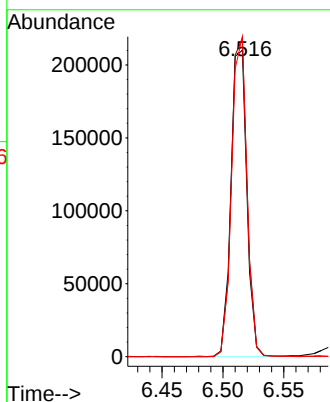
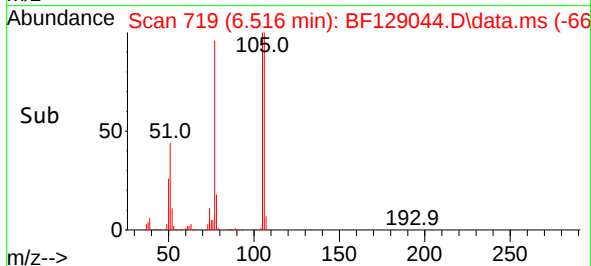
Instrument :
BNA_F
ClientSampleId :
PB145722BS



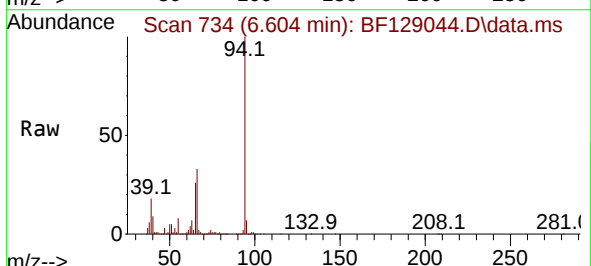
Tgt Ion: 77 Resp: 19210
Ion Ratio Lower Upper
77 100
105 104.0 81.6 121.6
106 104.4 76.1 116.1

Manual Integrations
APPROVED

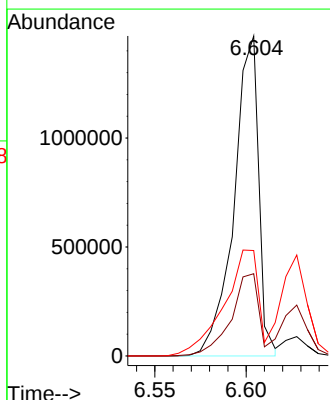
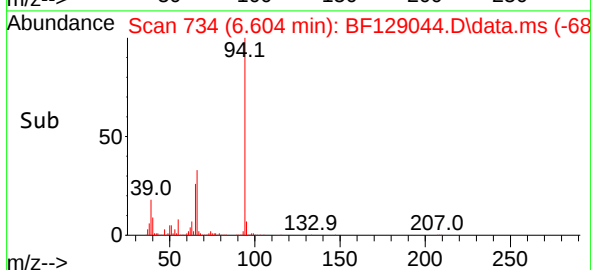
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

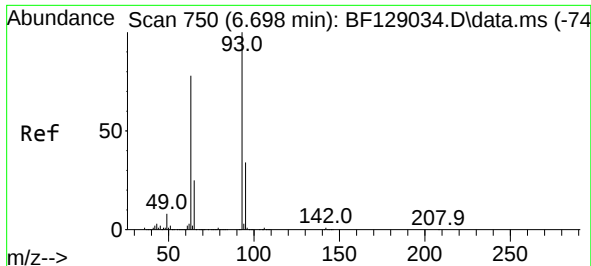


#10
Phenol
Concen: 43.157 ng m
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



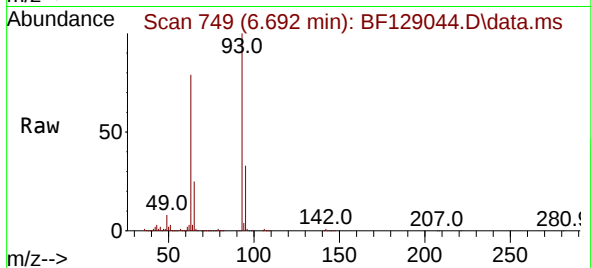
Tgt Ion: 94 Resp: 1382489
Ion Ratio Lower Upper
94 100
65 25.7 11.4 51.4
66 32.9 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 43.157 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

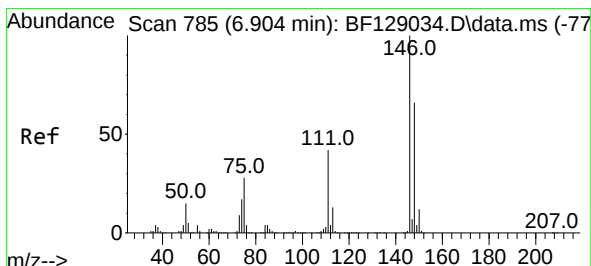
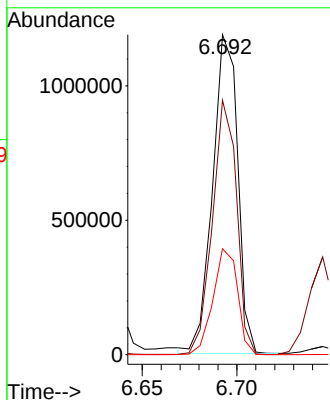
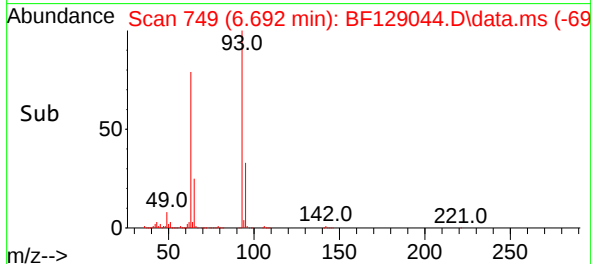
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion: 93 Resp: 1094240
Ion Ratio Lower Upper
93 100
63 79.5 67.4 107.4
95 33.1 12.7 52.7

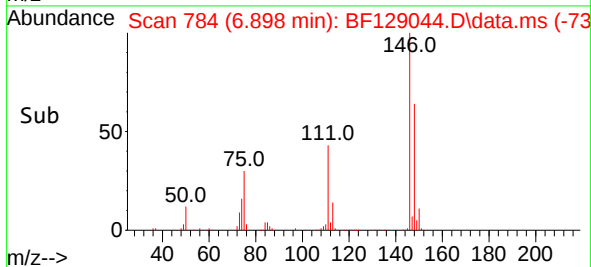
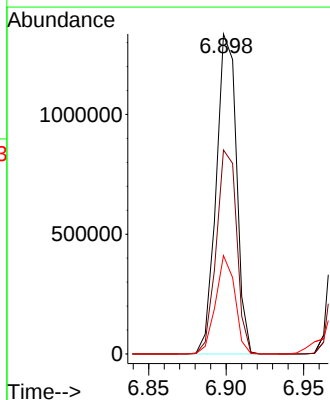
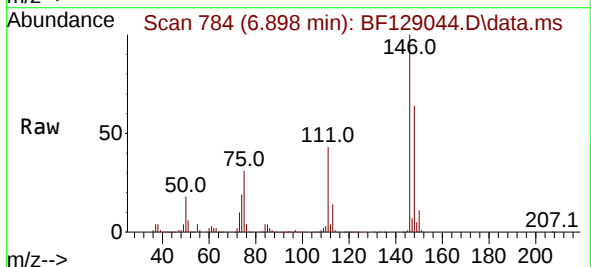
Manual Integrations
APPROVED

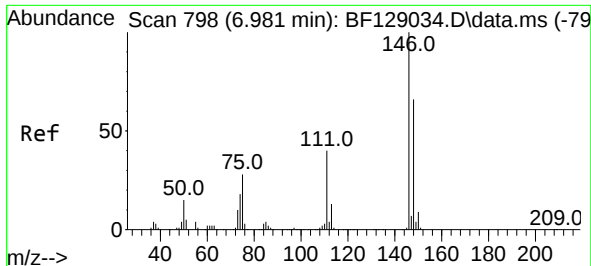
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#12
1,3-Dichlorobenzene
Concen: 41.346 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:146 Resp: 1217348
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 30.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 41.509 ng

RT: 6.975 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:146 Resp: 1232704

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

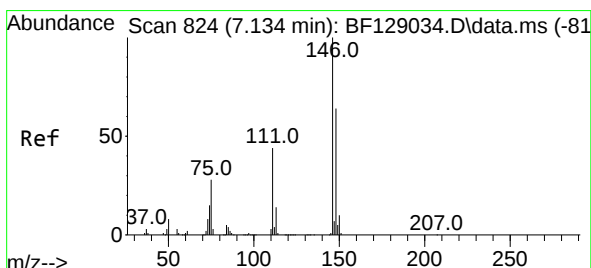
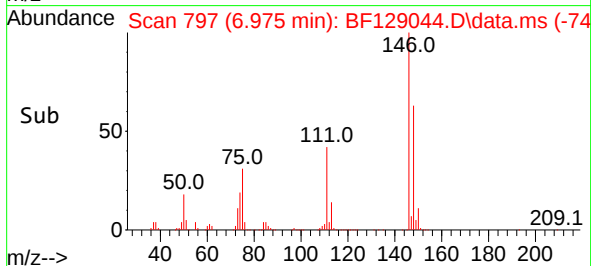
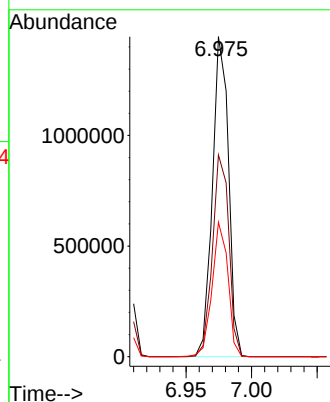
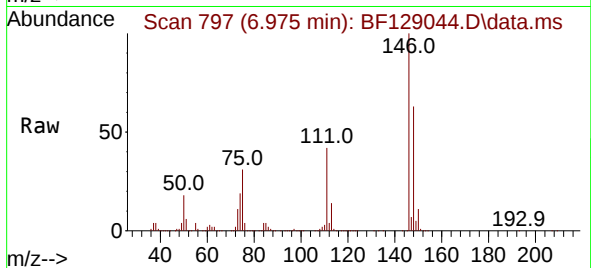
111 42.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#14

1,2-Dichlorobenzene

Concen: 42.384 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

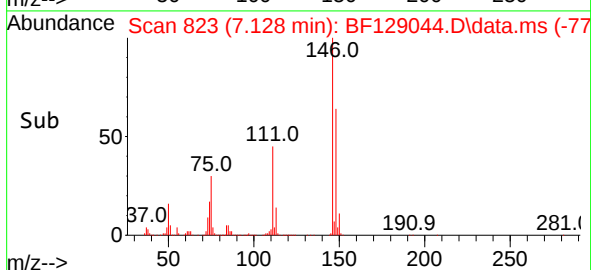
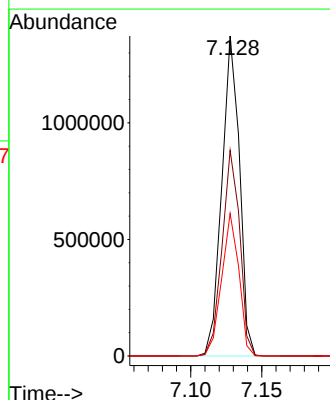
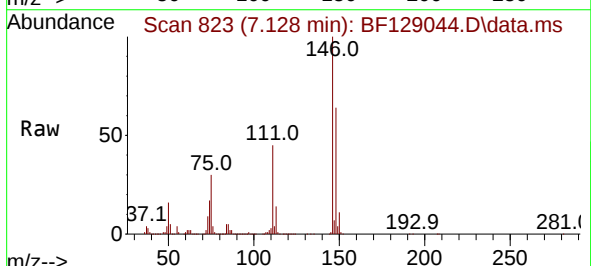
Tgt Ion:146 Resp: 1183237

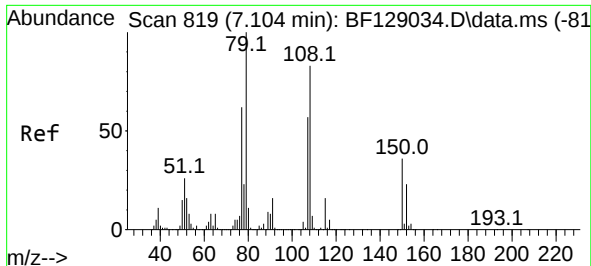
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

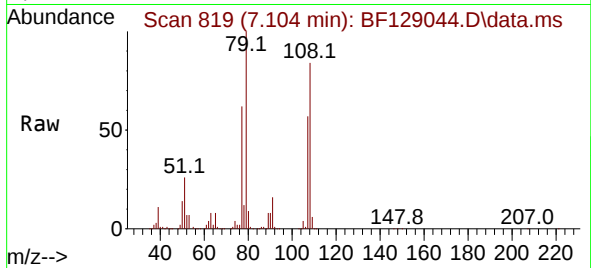
111 44.6 35.1 52.7





#15
Benzyl Alcohol
Concen: 41.887 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

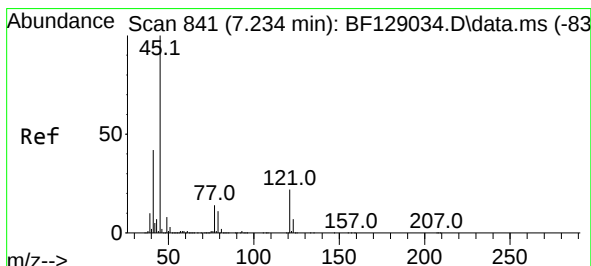
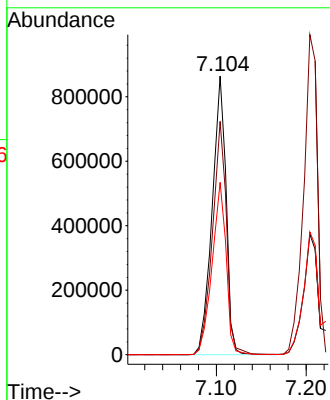
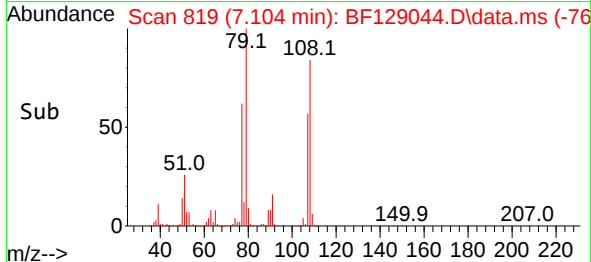
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion: 79 Resp: 93157
Ion Ratio Lower Upper
79 100
108 83.7 61.8 92.6
77 61.8 50.2 75.4

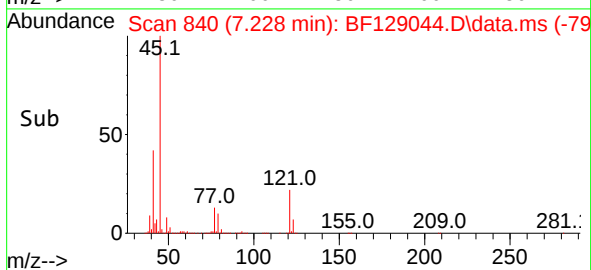
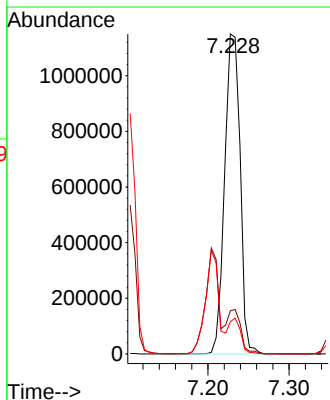
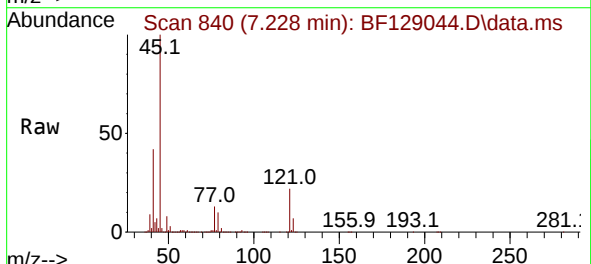
Manual Integrations
APPROVED

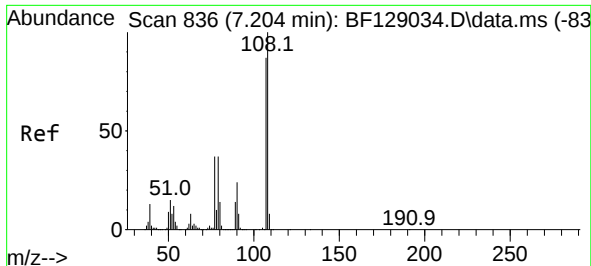
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.115 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion: 45 Resp: 1525130
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.3
79 10.1 0.0 28.3





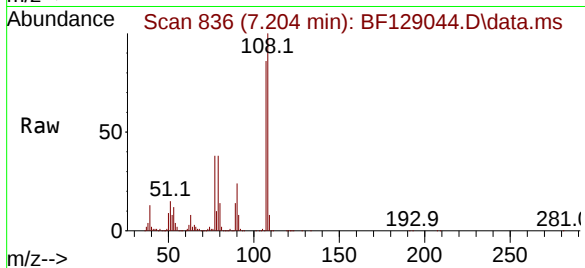
#17
2-Methylphenol
Concen: 42.601 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

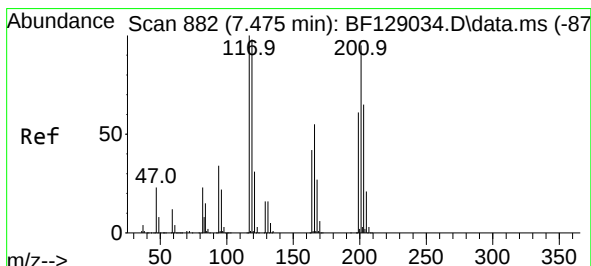
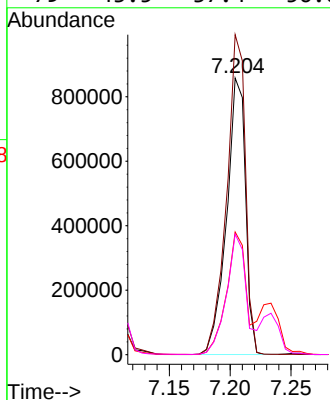
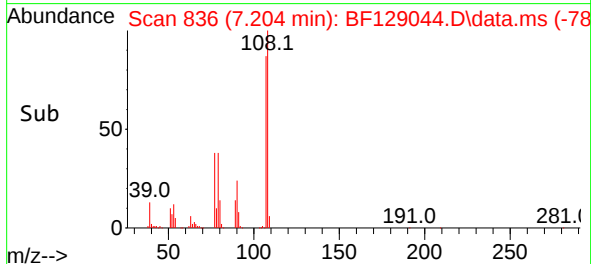


Tgt Ion:107 Resp: 927200
Ion Ratio Lower Upper
107 100
108 115.7 91.9 137.9
77 44.4 37.8 56.8
79 43.5 37.4 56.0

Manual Integrations

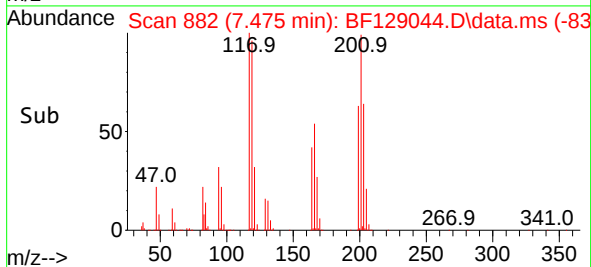
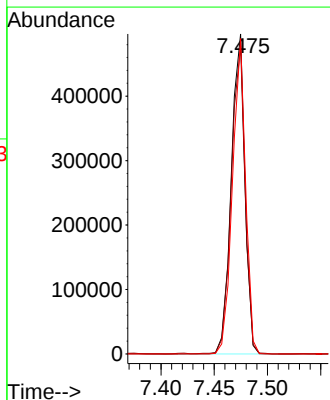
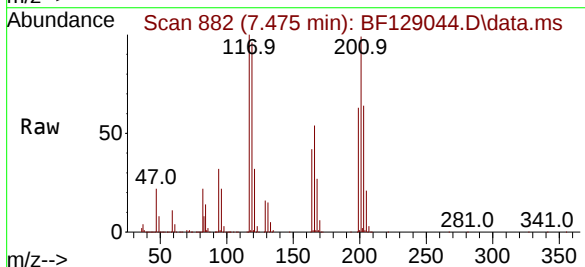
APPROVED

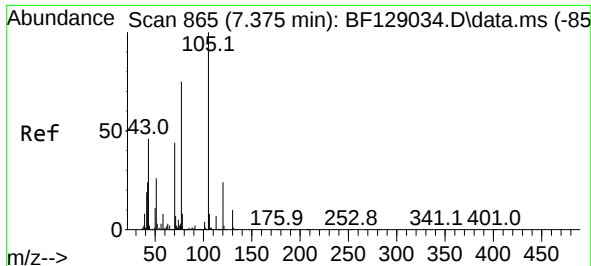
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#18
Hexachloroethane
Concen: 42.387 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:117 Resp: 441935
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 98.6 84.6 127.0





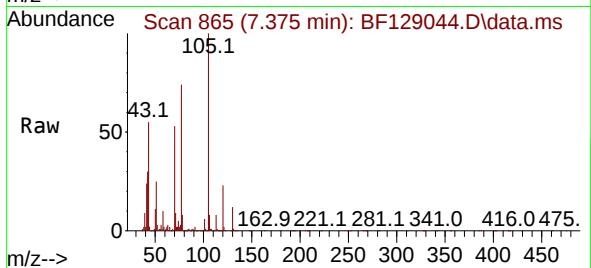
#19
n-Nitroso-di-n-propylamine
Concen: 42.655 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

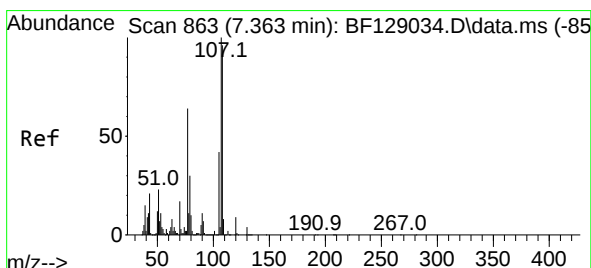
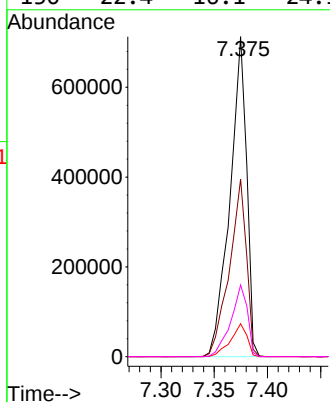
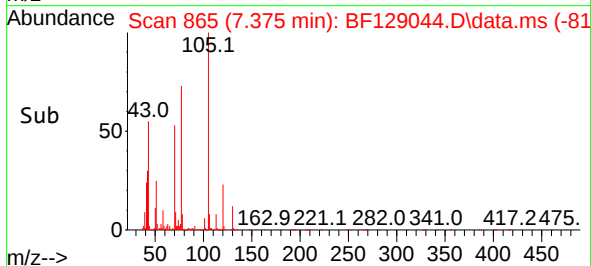
PB145722BS



Tgt Ion: 70 Resp: 780158
Ion Ratio Lower Upper
70 100
42 55.5 52.3 78.5
101 10.3 7.5 11.3
130 22.4 16.1 24.1

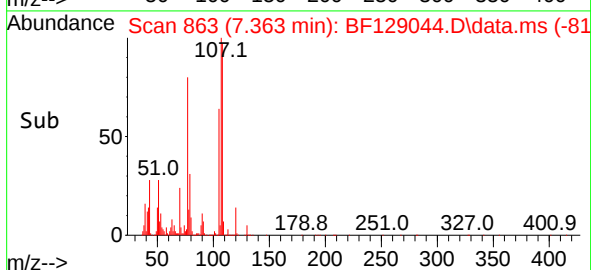
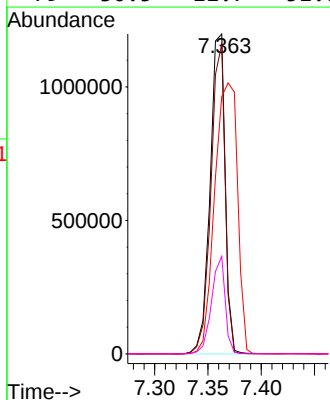
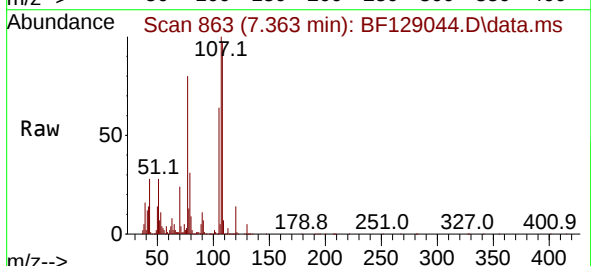
Manual Integrations
APPROVED

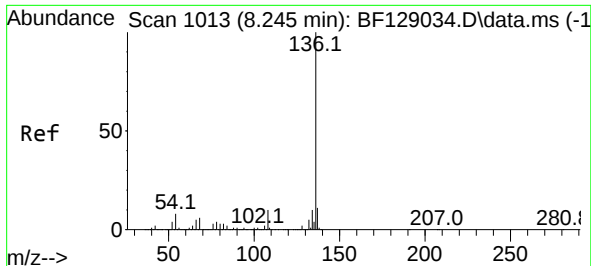
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#20
3+4-Methylphenols
Concen: 42.518 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:107 Resp: 1176774
Ion Ratio Lower Upper
107 100
108 96.8 71.8 111.8
77 80.4 59.3 99.3
79 30.5 11.7 51.7





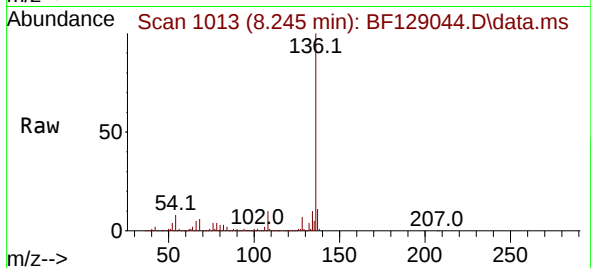
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

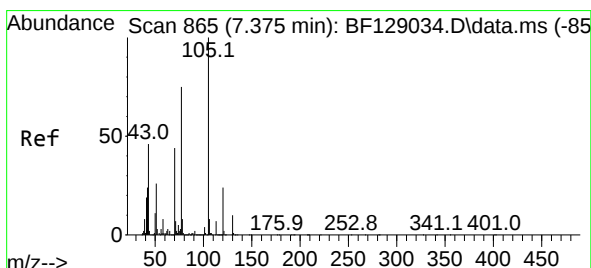
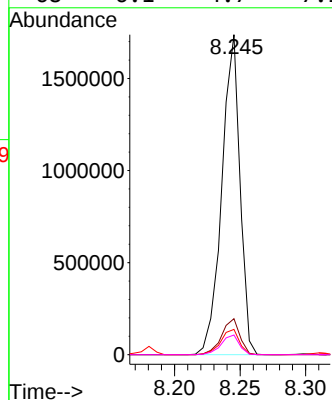
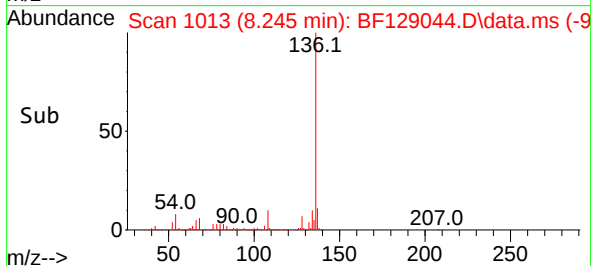


Tgt Ion:136 Resp: 1667792
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.9 7.5 11.3
68 6.1 4.7 7.1

Manual Integrations

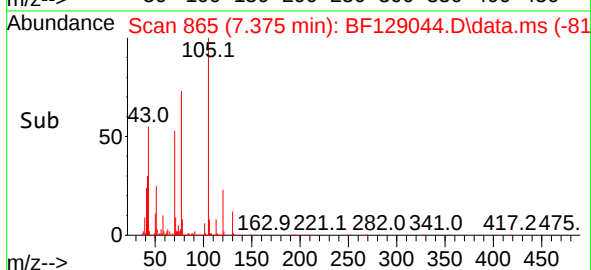
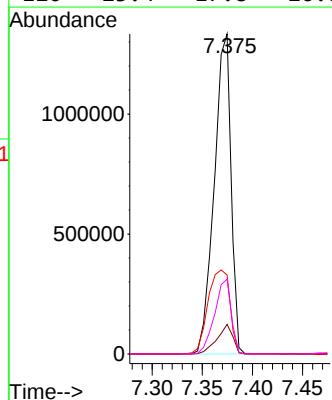
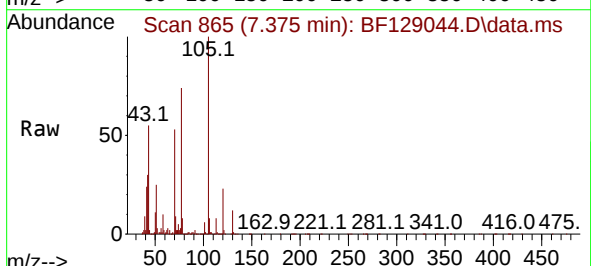
APPROVED

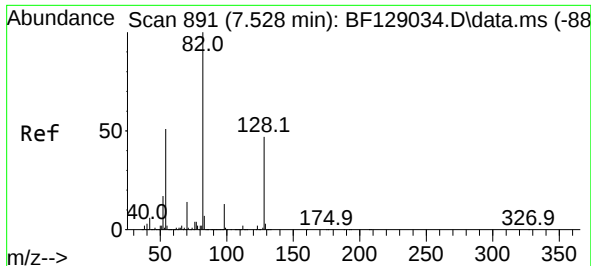
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#22
Acetophenone
Concen: 40.543 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

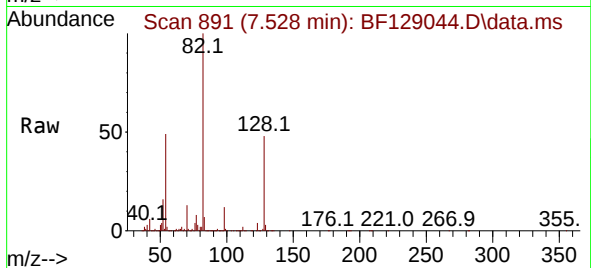
Tgt Ion:105 Resp: 1551141
Ion Ratio Lower Upper
105 100
71 9.3 5.0 7.4#
51 24.7 25.0 37.4#
120 23.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 77.295 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

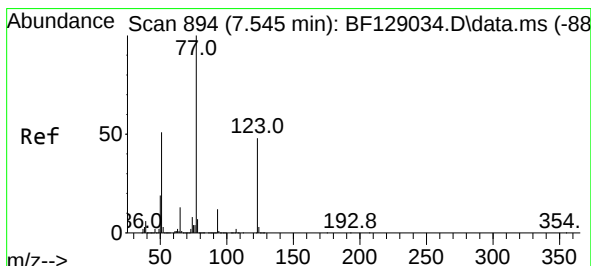
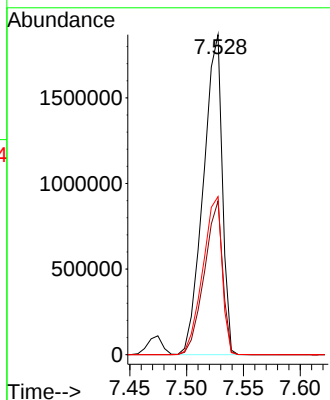
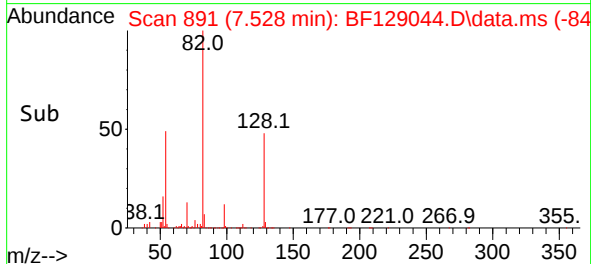
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion: 82 Resp: 2161274
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 49.4 46.9 70.3

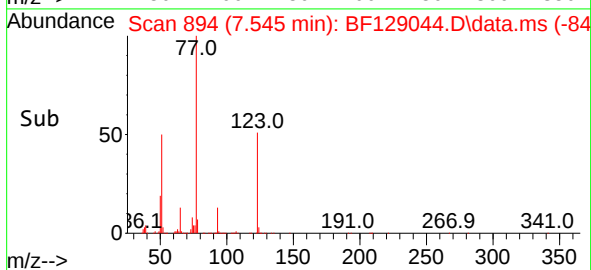
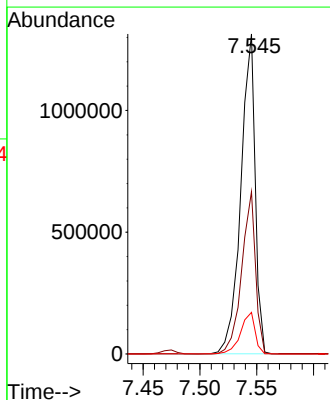
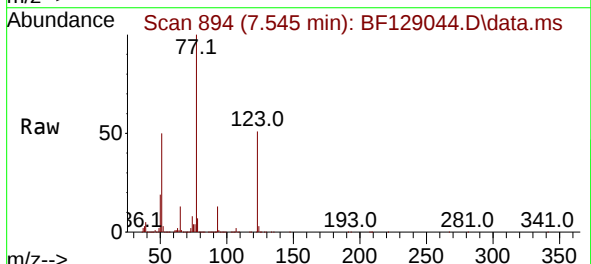
Manual Integrations
APPROVED

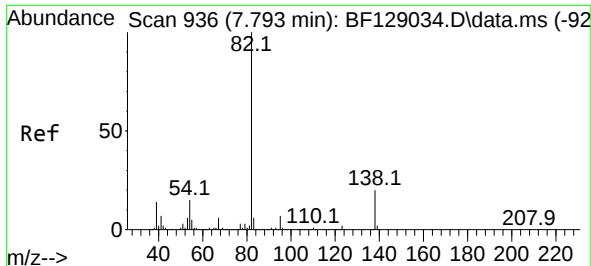
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#24
Nitrobenzene
Concen: 42.769 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

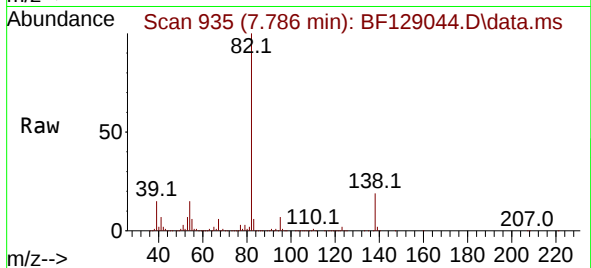
Tgt Ion: 77 Resp: 1157082
Ion Ratio Lower Upper
77 100
123 50.7 35.4 53.2
65 13.0 11.8 17.8





#25
Isophorone
Concen: 44.542 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

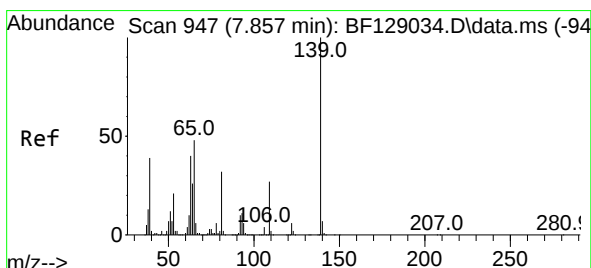
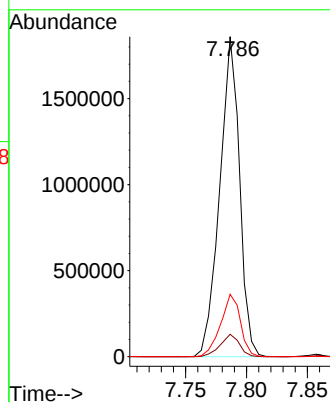
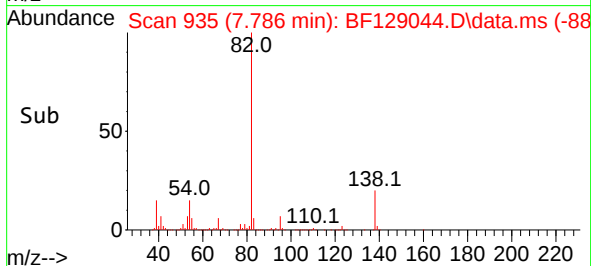
Instrument :
BNA_F
ClientSampleId :
PB145722BS



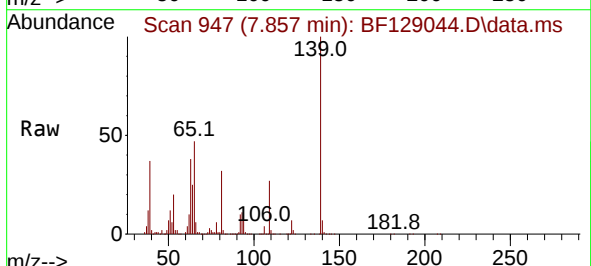
Tgt Ion: 82 Resp: 210488
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.5 14.2 21.2

Manual Integrations
APPROVED

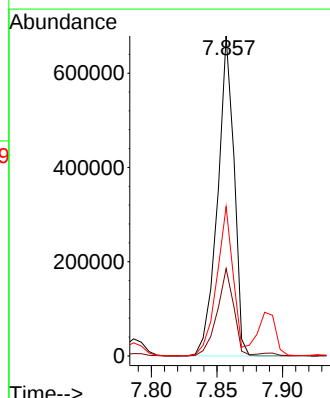
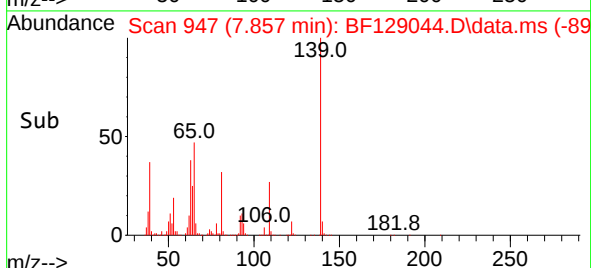
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

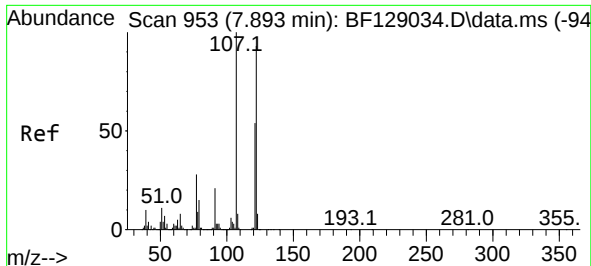


#26
2-Nitrophenol
Concen: 47.109 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:139 Resp: 592333
Ion Ratio Lower Upper
139 100
109 27.3 25.0 37.4
65 46.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 47.453 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129044.D

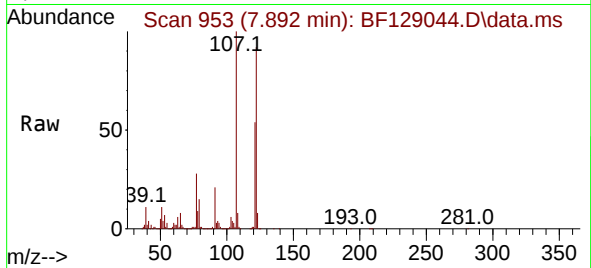
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS



Tgt Ion:122 Resp: 107719

Ion Ratio Lower Upper

122 100

107 109.2 93.0 139.6

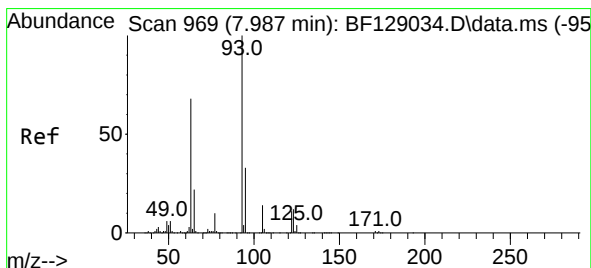
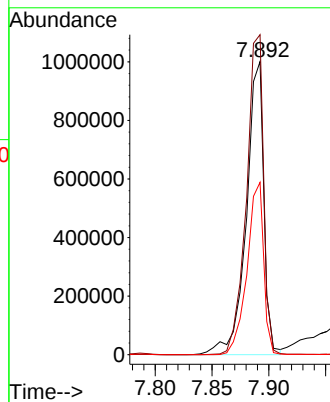
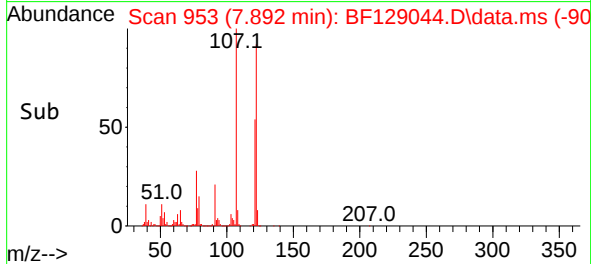
121 58.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.843 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

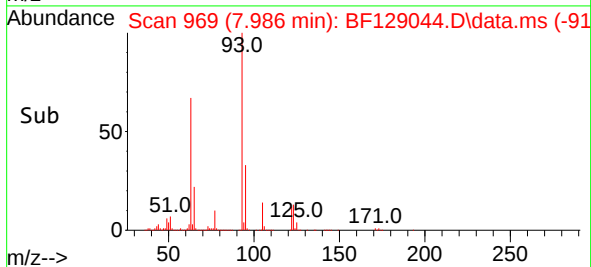
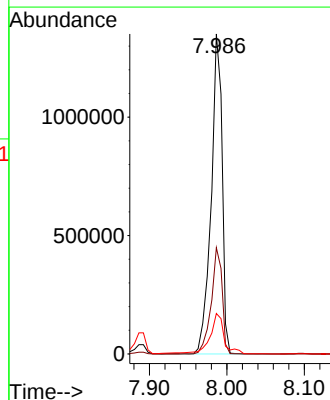
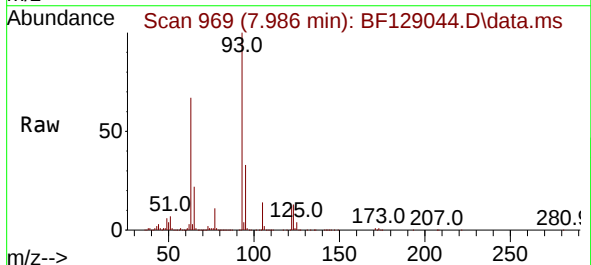
Tgt Ion: 93 Resp: 1325511

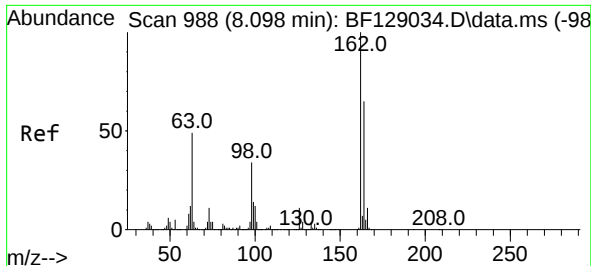
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 12.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.334 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

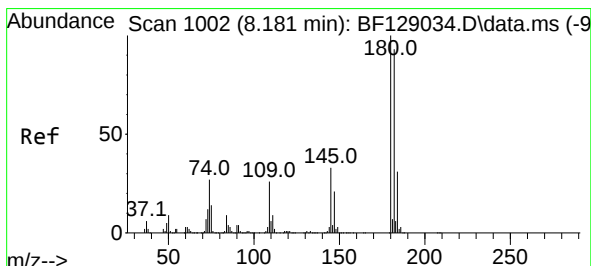
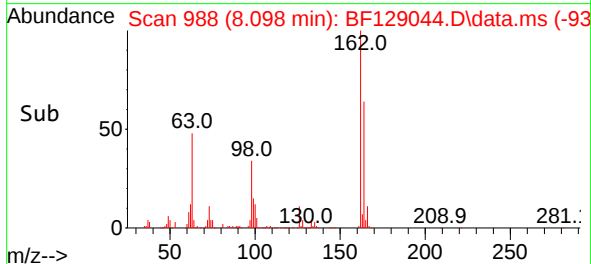
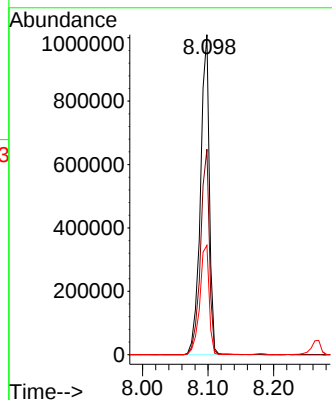
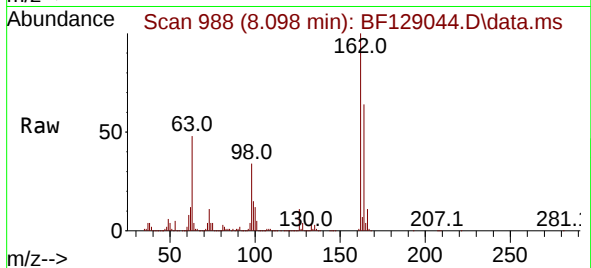
PB145722BS

Tgt Ion:162 Resp: 957024
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.2 84.2
 98 34.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.760 ng

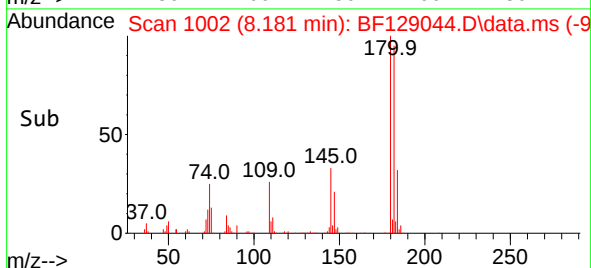
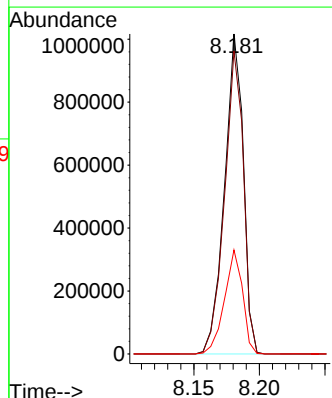
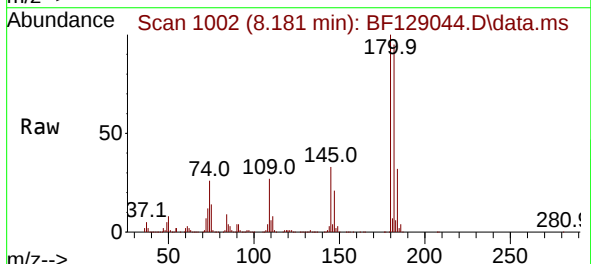
RT: 8.181 min Scan# 1002

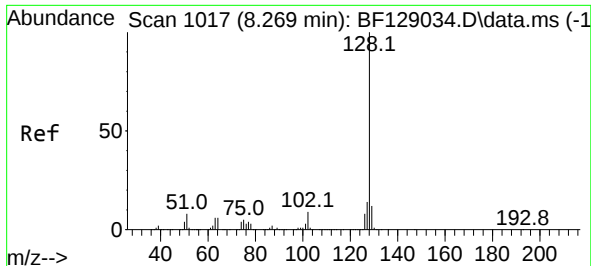
Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

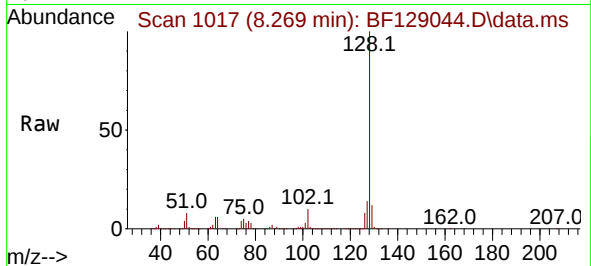
Tgt Ion:180 Resp: 1013030
 Ion Ratio Lower Upper
 180 100
 182 94.7 79.2 118.8
 145 32.5 26.2 39.2





#31
Naphthalene
Concen: 41.230 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

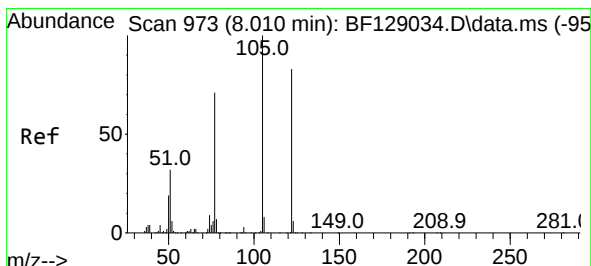
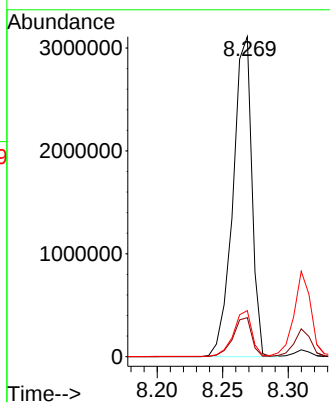
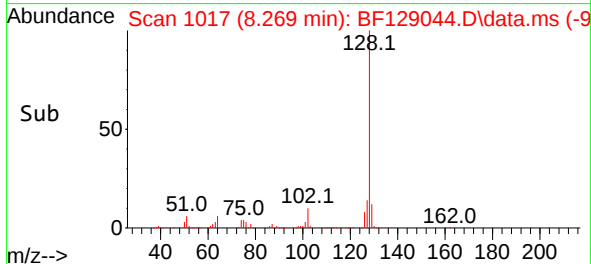
Instrument :
BNA_F
ClientSampleId :
PB145722BS



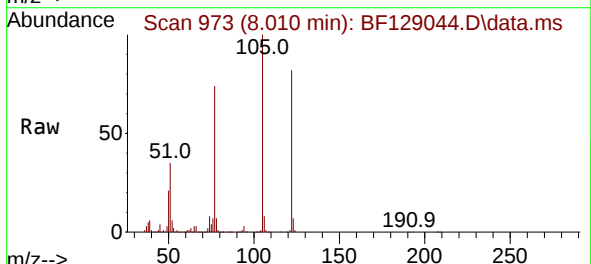
Tgt Ion:128 Resp: 312164
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.4 10.5 15.7

Manual Integrations
APPROVED

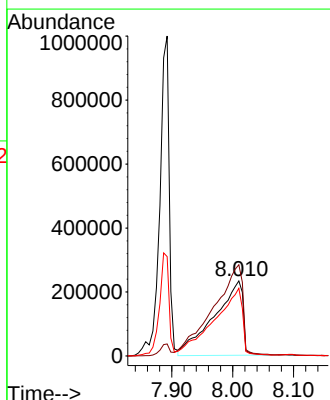
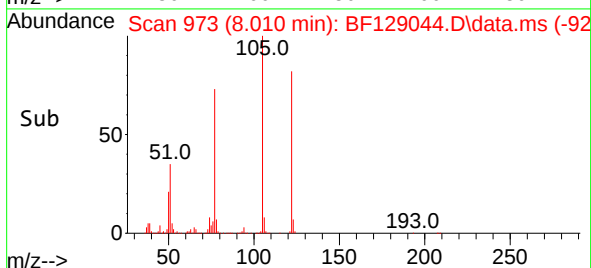
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

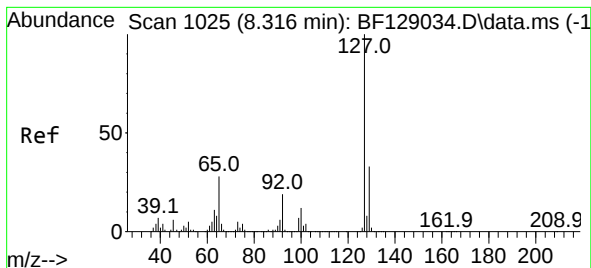


#32
Benzoic acid
Concen: 42.272 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:122 Resp: 769891
Ion Ratio Lower Upper
122 100
105 121.5 107.1 147.1
77 90.3 74.2 114.2





#33

4-Chloroaniline

Concen: 24.889 ng

RT: 8.310 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:127 Resp: 759314

Ion Ratio Lower Upper

127 100

129 32.7 26.4 39.6

65 29.7 26.4 39.6

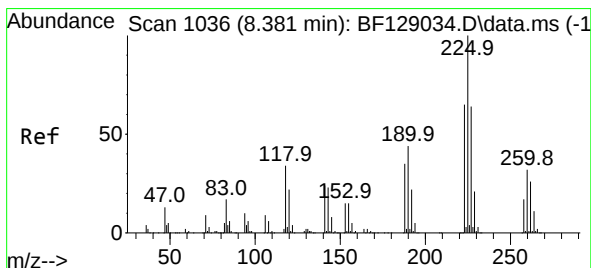
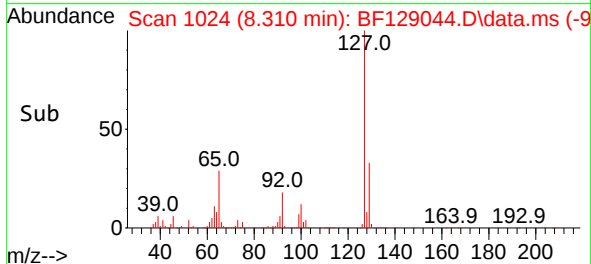
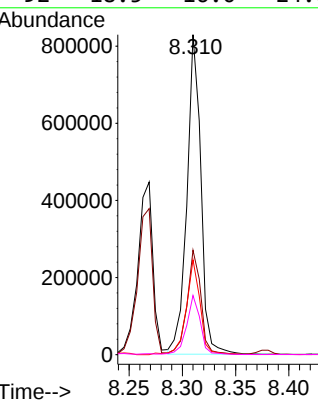
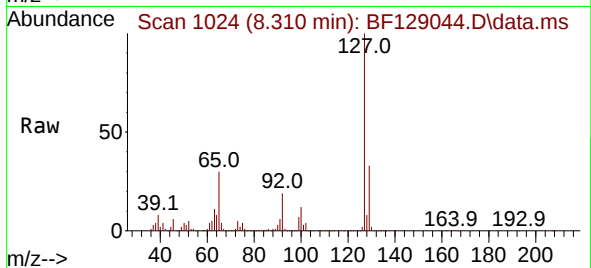
92 18.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#34

Hexachlorobutadiene

Concen: 39.187 ng

RT: 8.381 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

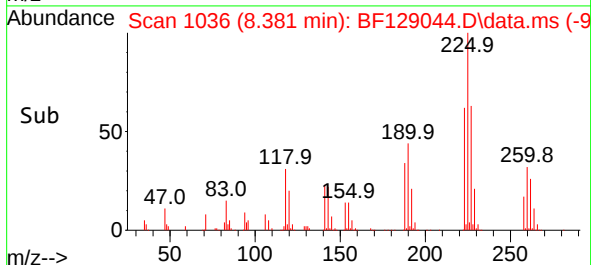
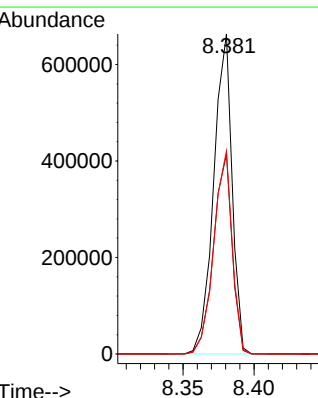
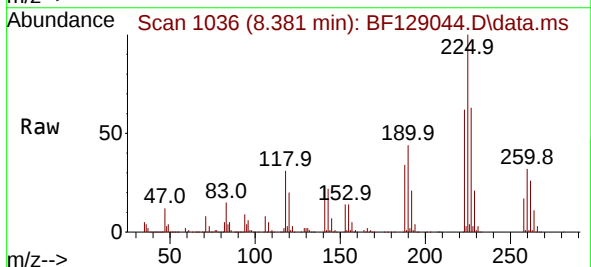
Tgt Ion:225 Resp: 596176

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

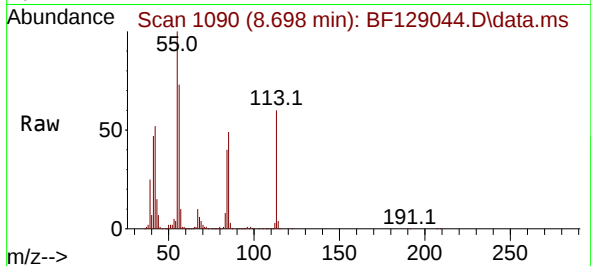
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 41.393 ng m
RT: 8.698 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

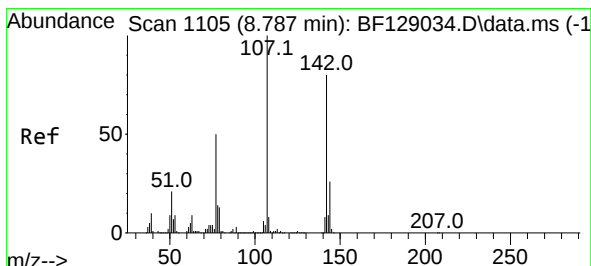
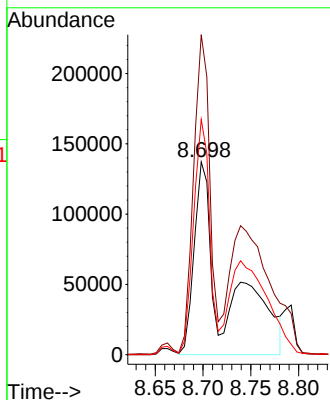
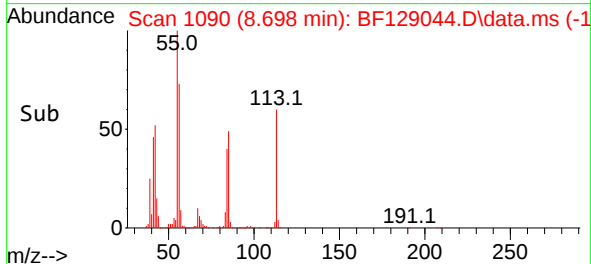
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:113 Resp: 303912
Ion Ratio Lower Upper
113 100
55 166.0 188.5 228.5
56 122.0 130.6 170.6

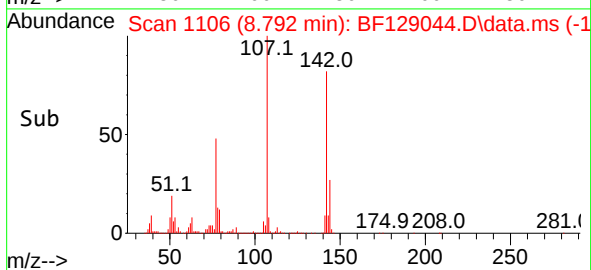
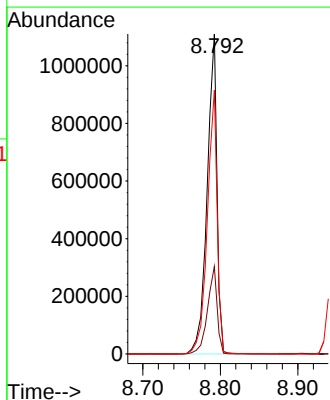
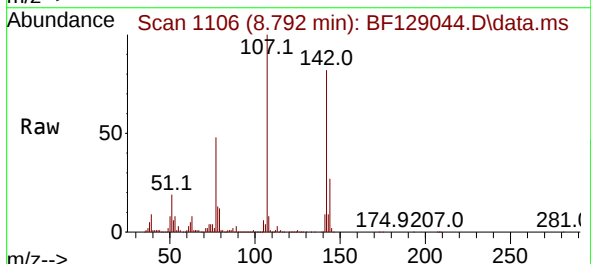
Manual Integrations
APPROVED

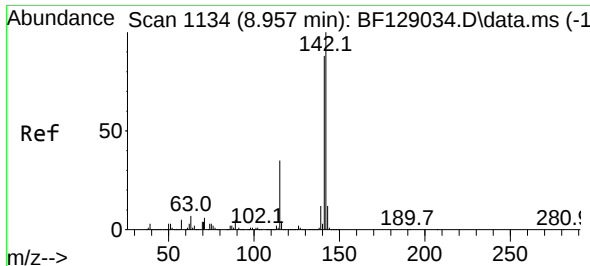
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#36
4-Chloro-3-methylphenol
Concen: 41.499 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:107 Resp: 976253
Ion Ratio Lower Upper
107 100
144 27.3 19.5 29.3
142 82.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.618 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:142 Resp: 212029

Ion Ratio Lower Upper

142 100

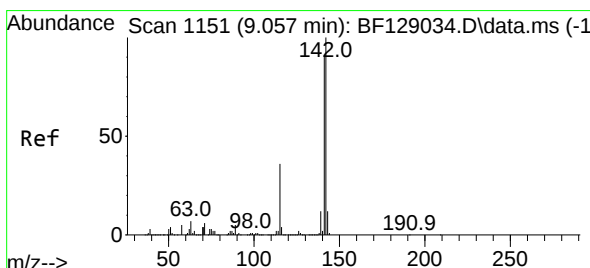
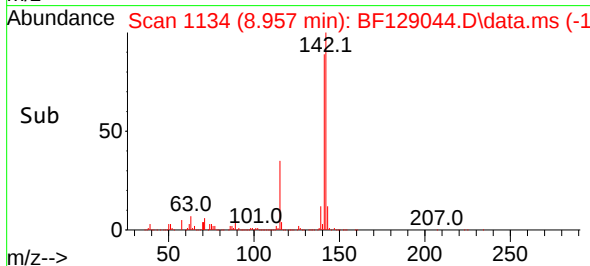
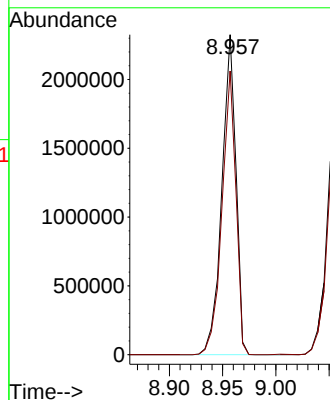
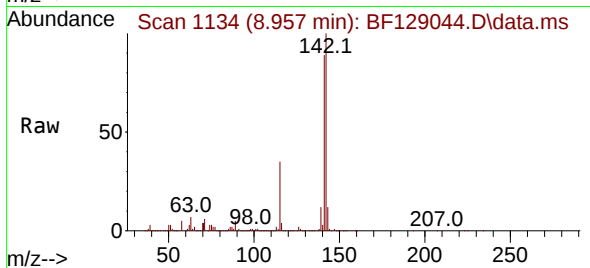
141 88.6 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#38

1-Methylnaphthalene

Concen: 40.900 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF129044.D

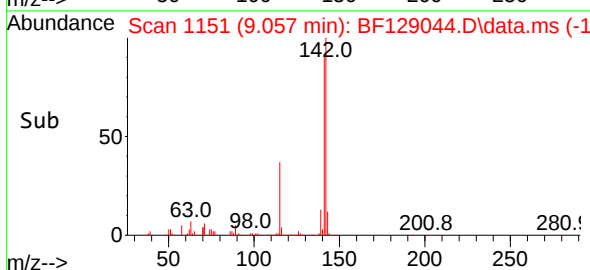
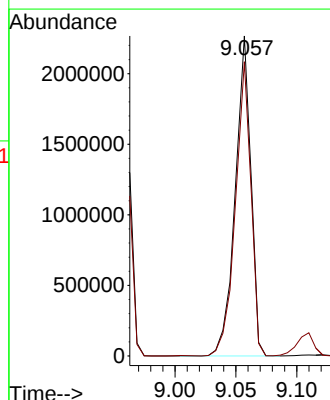
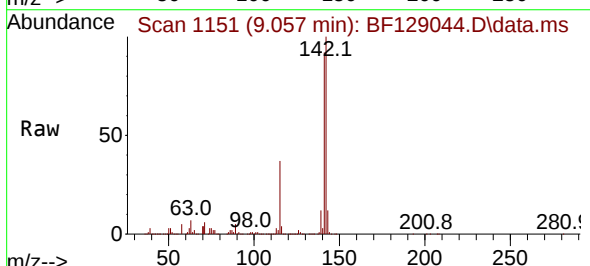
Acq: 29 Jun 2022 19:28

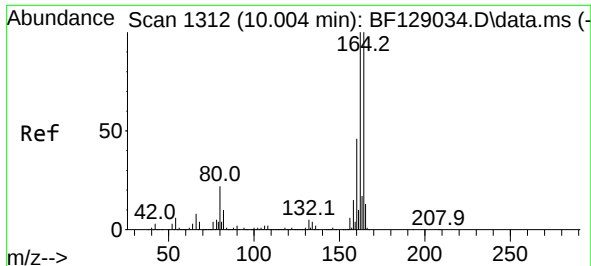
Tgt Ion:142 Resp: 2023553

Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4





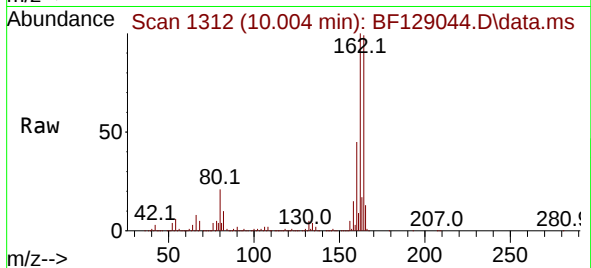
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

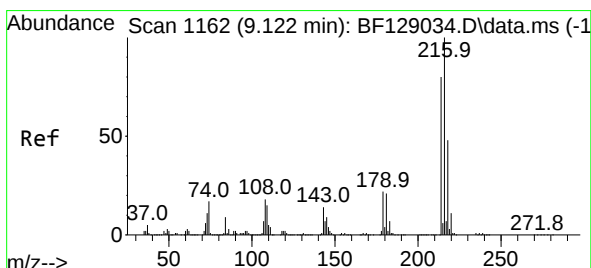
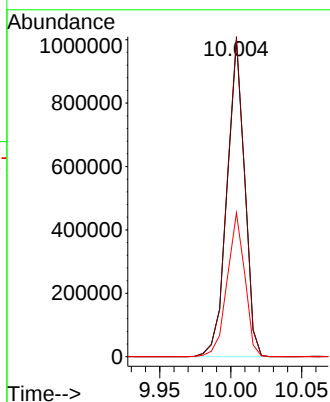
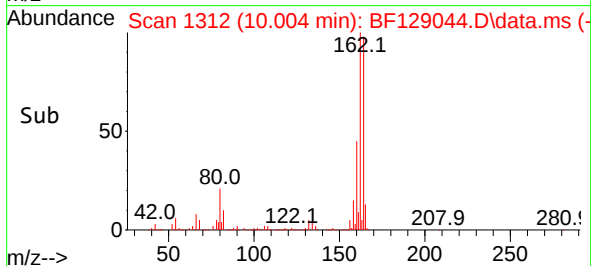


Tgt Ion:164 Resp: 85838
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 45.5 34.2 51.4

Manual Integrations

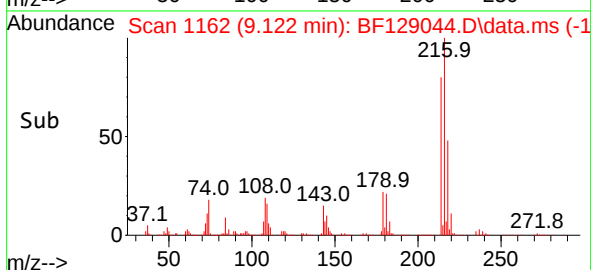
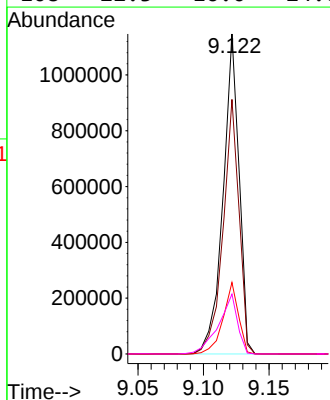
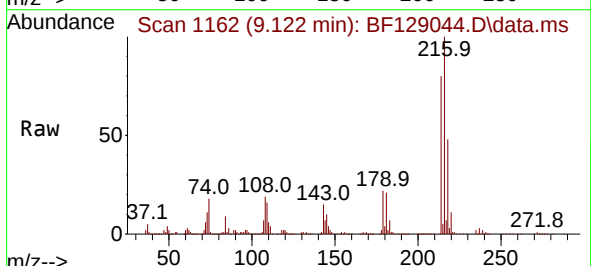
APPROVED

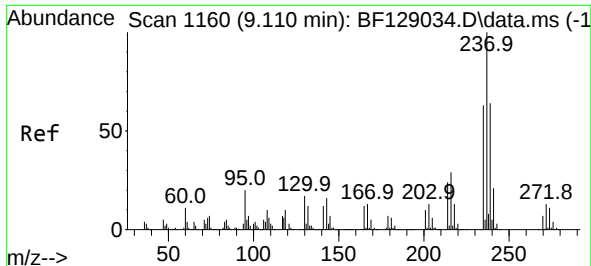
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.248 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:216 Resp: 971096
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 21.7 17.0 25.6
108 22.3 16.0 24.0





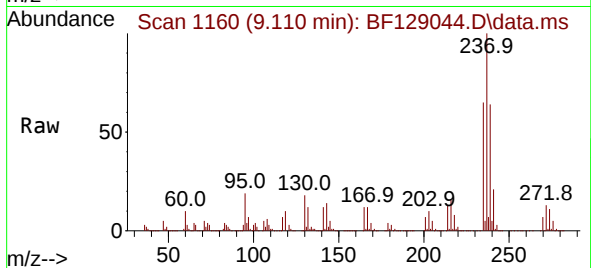
#41
Hexachlorocyclopentadiene
Concen: 96.995 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

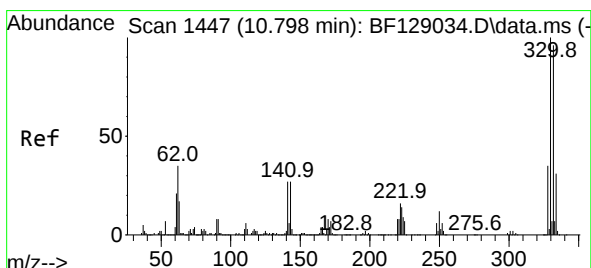
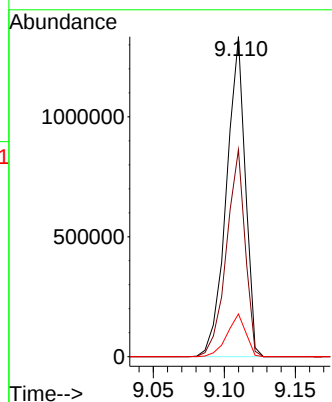
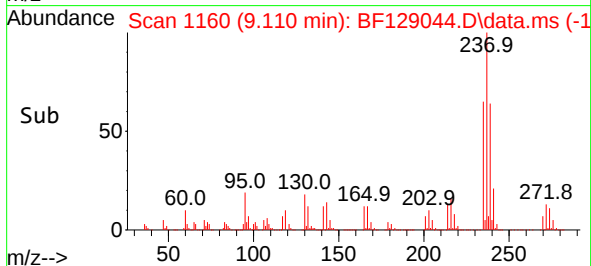


Tgt Ion:237 Resp: 1235329
Ion Ratio Lower Upper
237 100
235 64.7 43.2 83.2
272 13.3 0.0 31.9

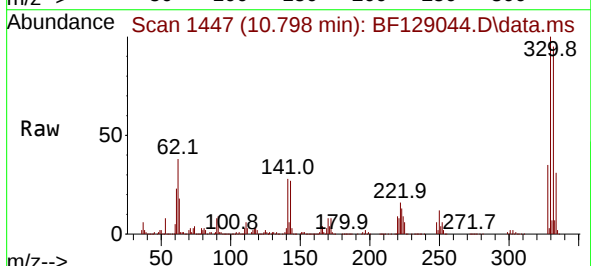
Manual Integrations

APPROVED

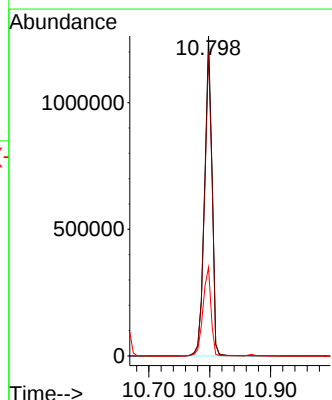
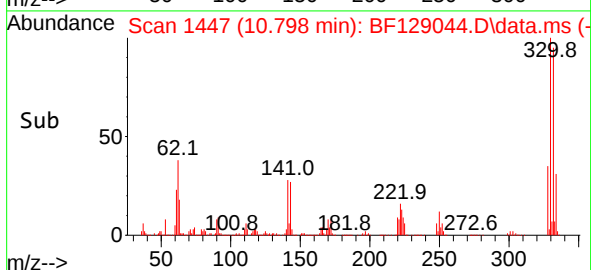
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

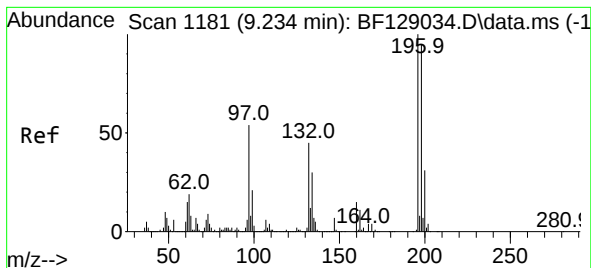


#42
2,4,6-Tribromophenol
Concen: 114.681 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:330 Resp: 1070398
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 29.8 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 42.329 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:196 Resp: 69565

Ion Ratio Lower Upper

196 100

198 93.8 74.0 111.0

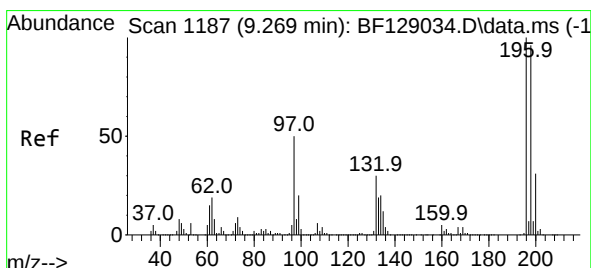
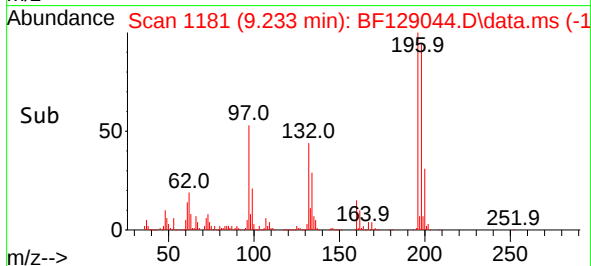
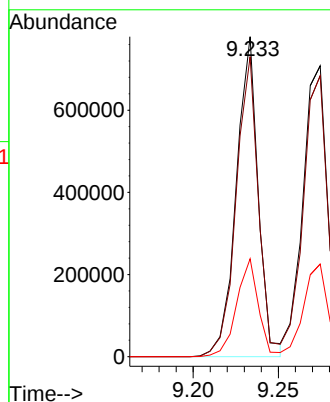
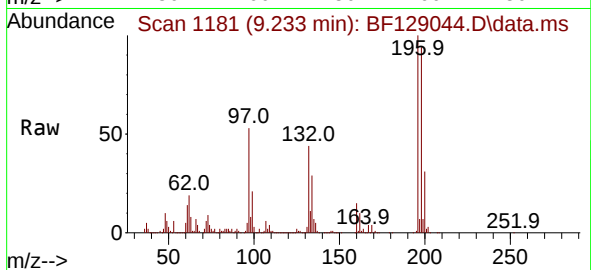
200 30.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#44

2,4,5-Trichlorophenol

Concen: 40.745 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Tgt Ion:196 Resp: 712262

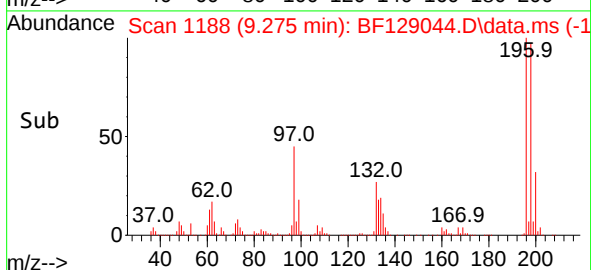
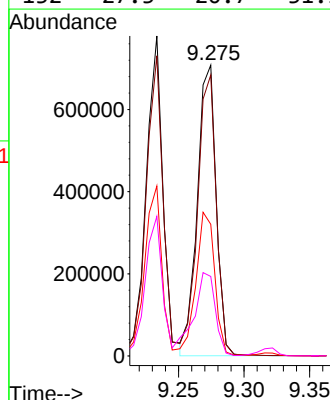
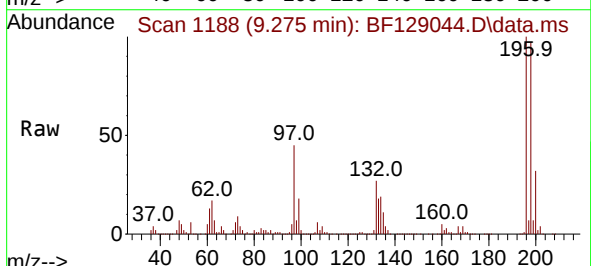
Ion Ratio Lower Upper

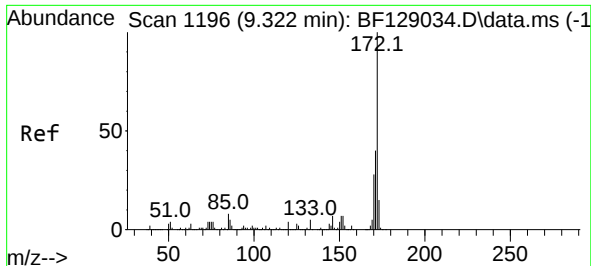
196 100

198 96.6 75.7 113.5

97 45.3 36.4 54.6

132 27.3 20.7 31.1





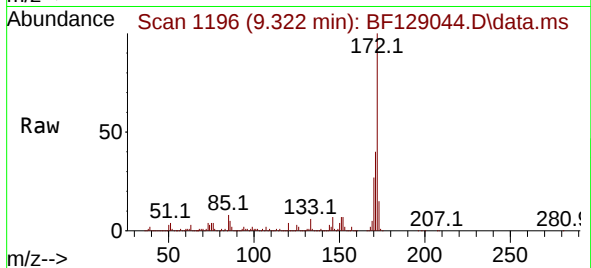
#45
2-Fluorobiphenyl
Concen: 71.255 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

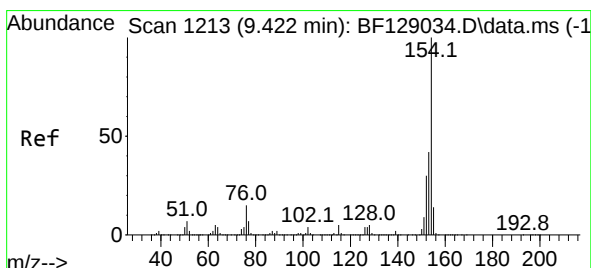
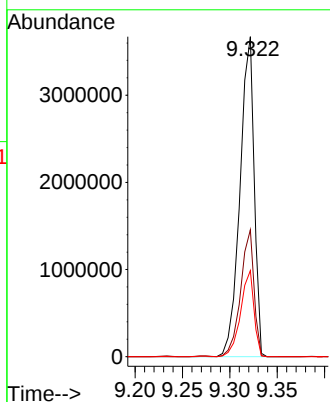
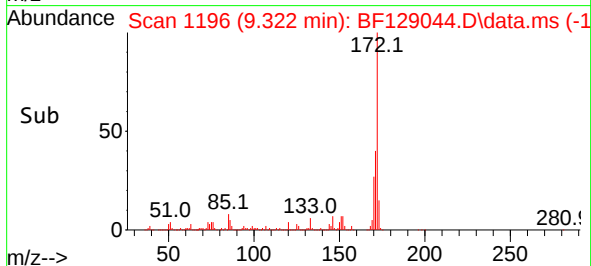


Tgt Ion:172 Resp: 382330
Ion Ratio Lower Upper
172 100
171 39.6 28.8 43.2
170 26.9 19.8 29.8

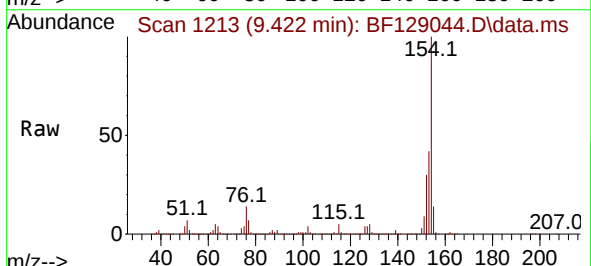
Manual Integrations

APPROVED

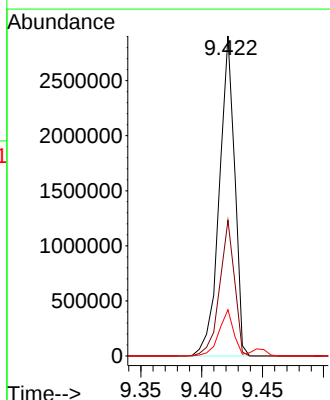
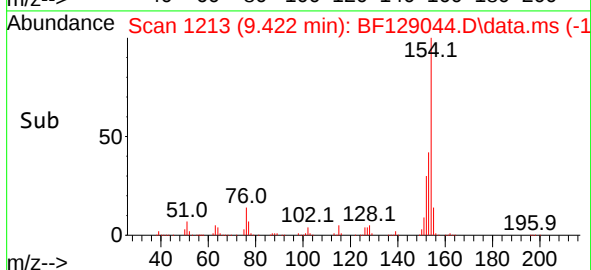
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#46
1,1'-Biphenyl
Concen: 41.385 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:154 Resp: 2553933
Ion Ratio Lower Upper
154 100
153 42.4 20.6 60.6
76 14.5 0.0 33.3





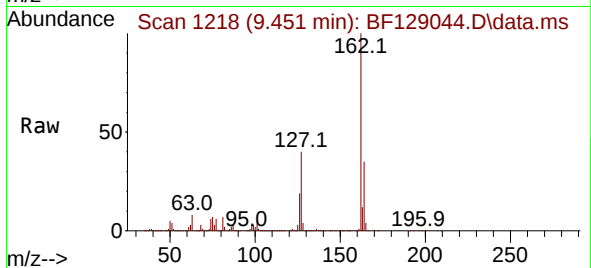
#47
2-Chloronaphthalene
Concen: 40.648 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

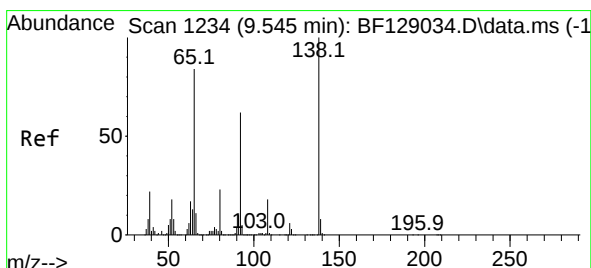
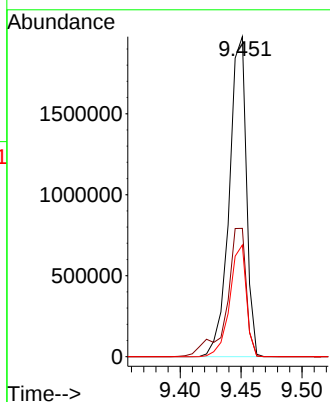
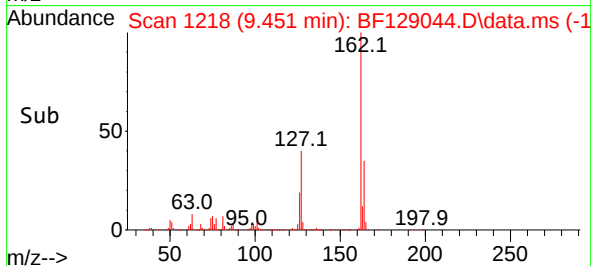


Tgt Ion:162 Resp: 193713
Ion Ratio Lower Upper
162 100
127 40.1 34.5 51.7
164 34.9 26.5 39.7

Manual Integrations

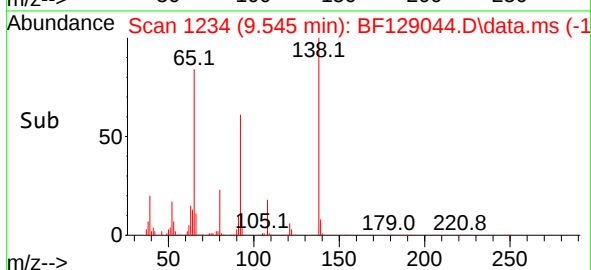
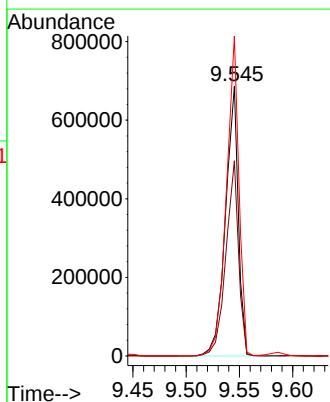
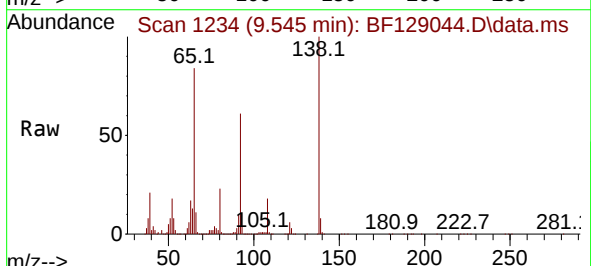
APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#48
2-Nitroaniline
Concen: 45.549 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion: 65 Resp: 571716
Ion Ratio Lower Upper
65 100
92 72.4 51.9 77.9
138 118.7 76.4 114.6#





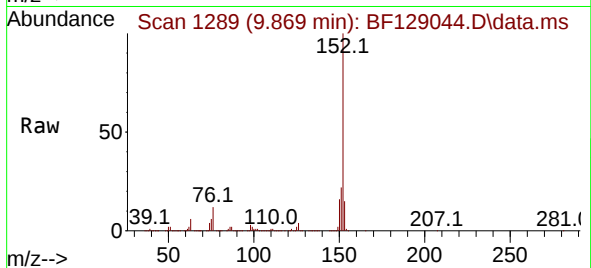
#49
Acenaphthylene
Concen: 42.867 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

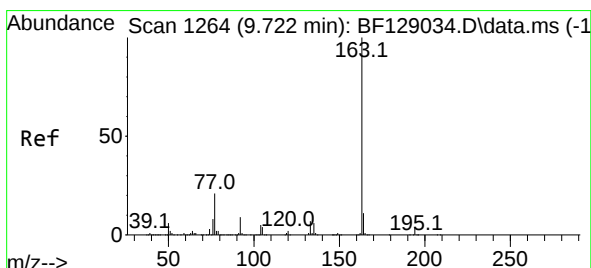
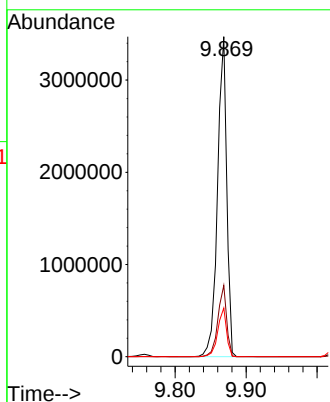
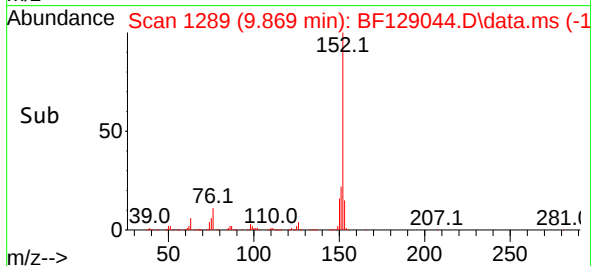


Tgt Ion:152 Resp: 3104154
Ion Ratio Lower Upper
152 100
151 22.3 16.2 24.4
153 15.2 10.7 16.1

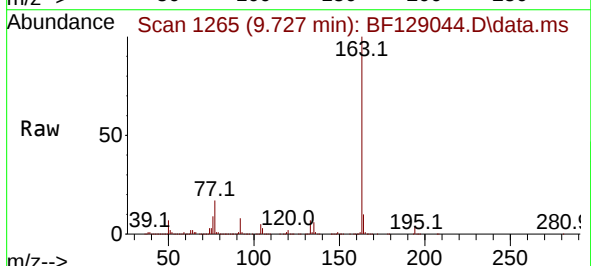
Manual Integrations

APPROVED

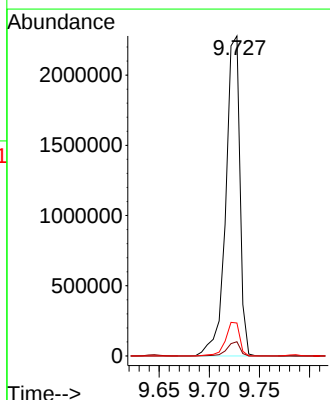
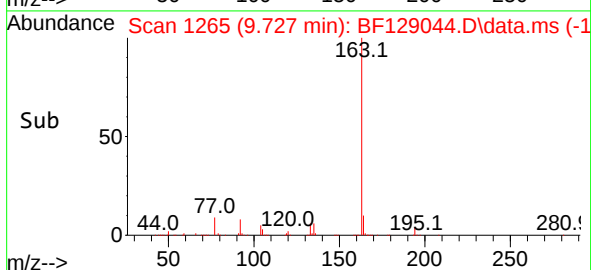
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

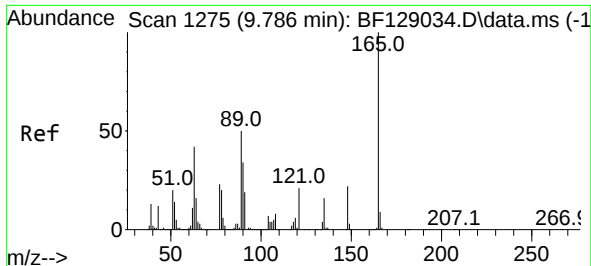


#50
Dimethylphthalate
Concen: 41.327 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:163 Resp: 2219274
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.675 ng

RT: 9.786 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:165 Resp: 512180

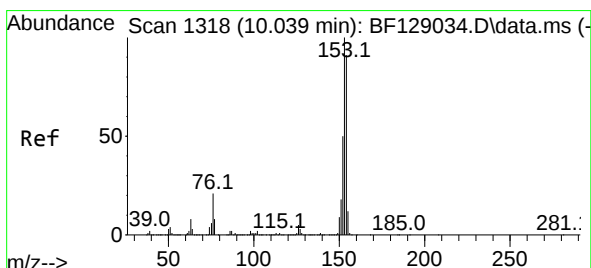
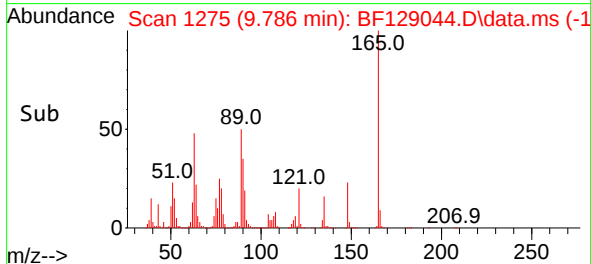
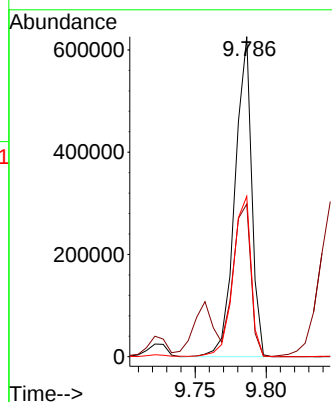
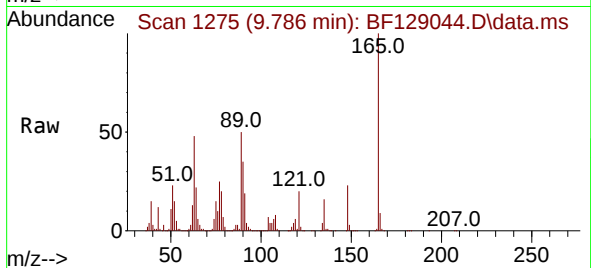
Ion	Ratio	Lower	Upper
165	100		
63	47.7	44.9	67.3
89	50.1	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#52

Acenaphthene

Concen: 45.439 ng

RT: 10.039 min Scan# 1318

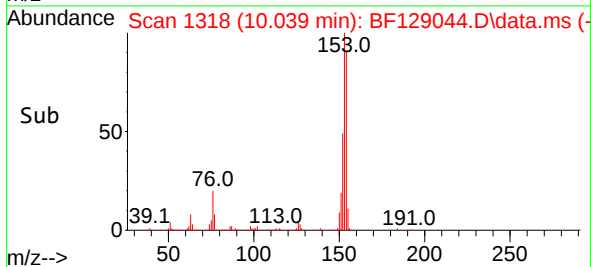
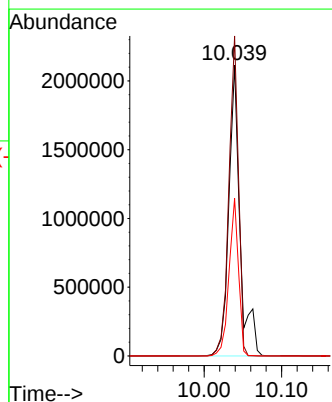
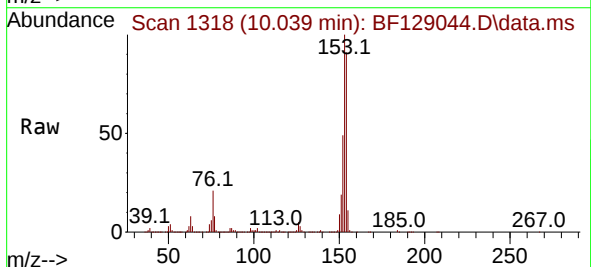
Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Tgt Ion:154 Resp: 2143271

Ion	Ratio	Lower	Upper
154	100		
153	110.0	89.6	134.4
152	54.2	42.4	63.6





#53
3-Nitroaniline
Concen: 32.127 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

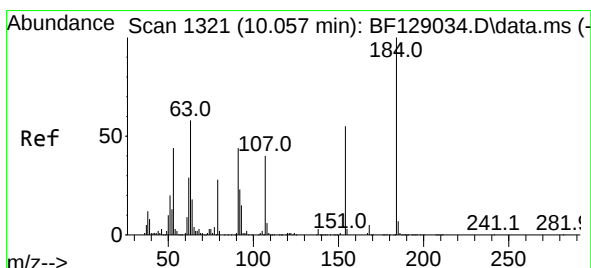
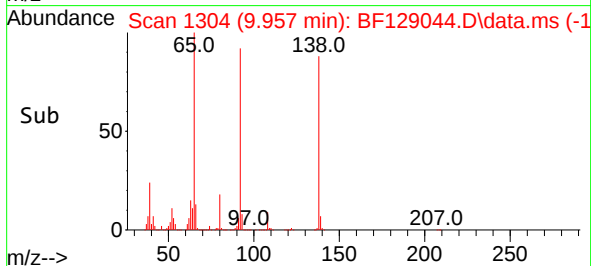
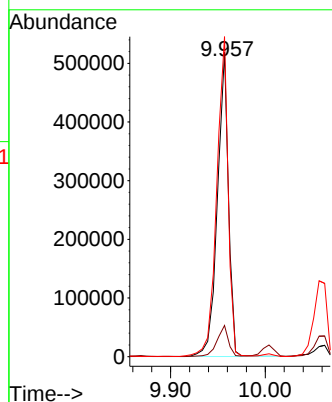
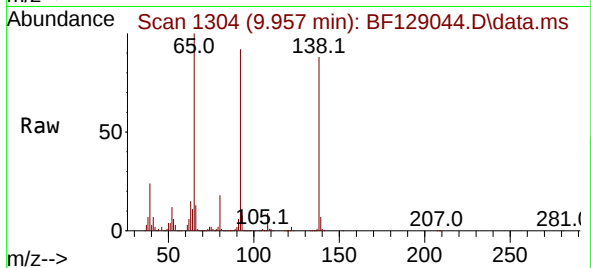
PB145722BS

Tgt Ion:138 Resp: 420405
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3
92 105.1 98.2 147.2

Manual Integrations

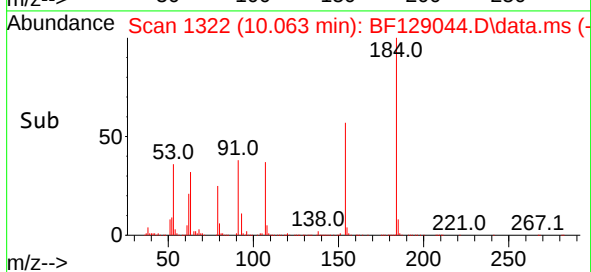
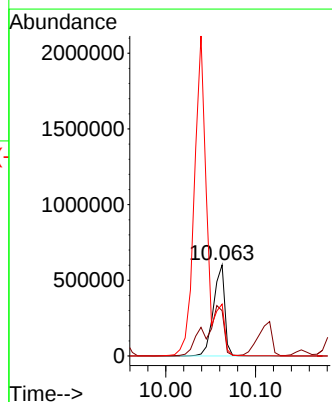
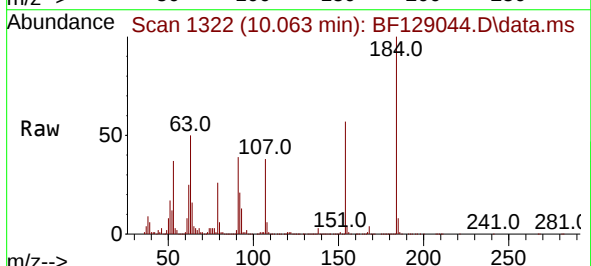
APPROVED

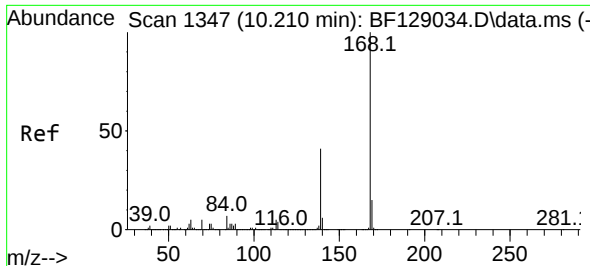
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#54
2,4-Dinitrophenol
Concen: 87.740 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

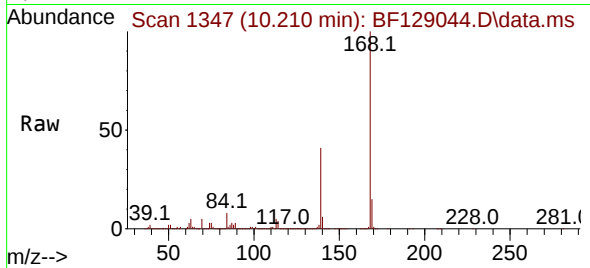
Tgt Ion:184 Resp: 524981
Ion Ratio Lower Upper
184 100
63 49.7 64.5 96.7#
154 56.9 50.6 75.8





#55
Dibenzenofuran
Concen: 40.522 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

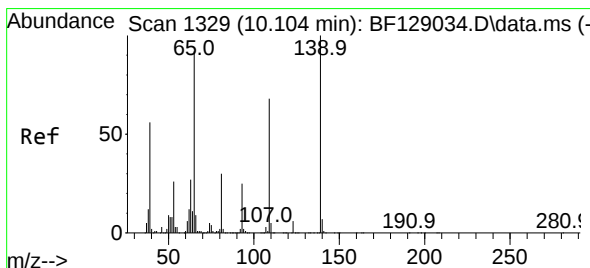
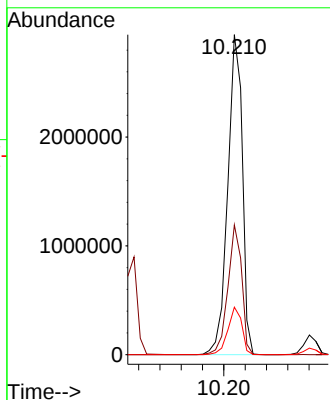
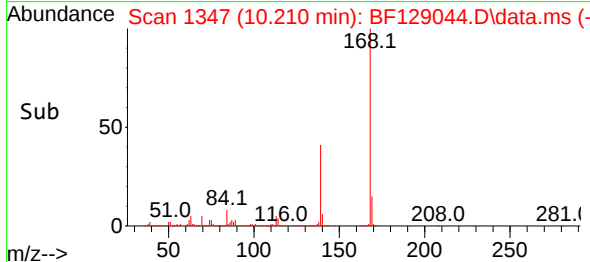
Instrument :
BNA_F
ClientSampleId :
PB145722BS



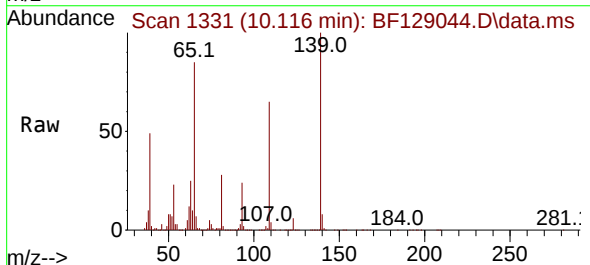
Tgt Ion:168 Resp: 278317
Ion Ratio Lower Upper
168 100
139 40.5 30.6 46.0
169 14.9 11.0 16.6

Manual Integrations
APPROVED

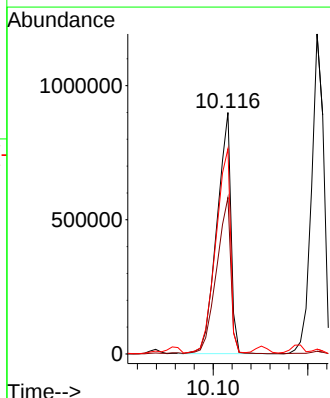
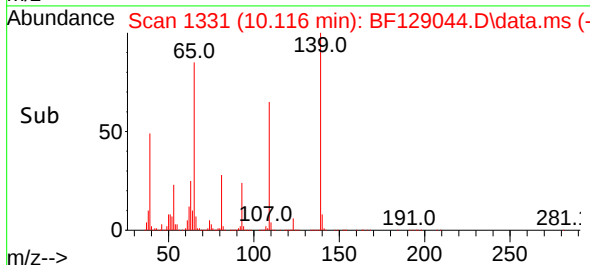
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

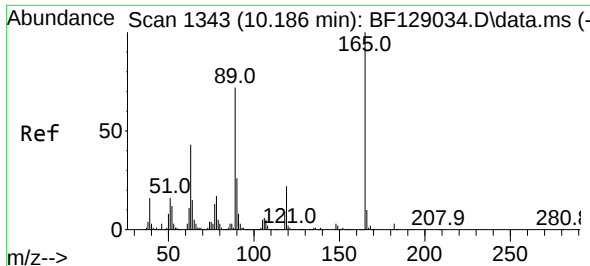


#56
4-Nitrophenol
Concen: 86.978 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:139 Resp: 929965
Ion Ratio Lower Upper
139 100
109 64.8 50.7 90.7
65 85.1 74.5 114.5





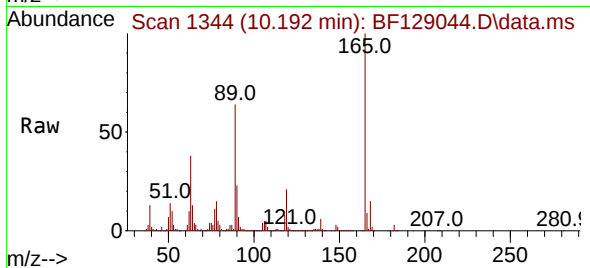
#57
2,4-Dinitrotoluene
Concen: 48.872 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

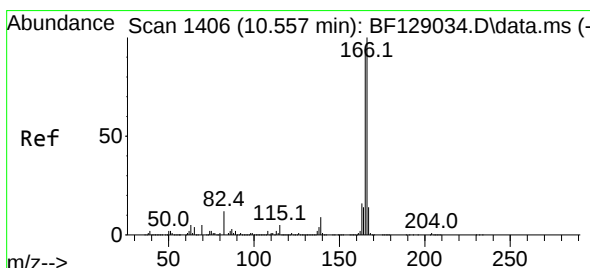
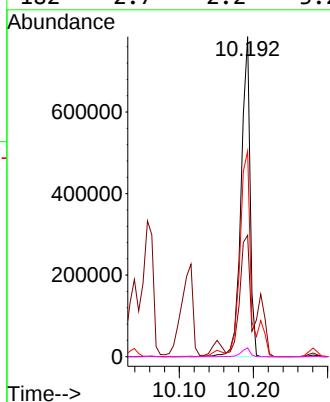
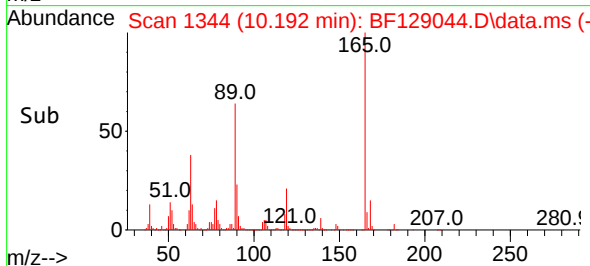


Tgt Ion:165 Resp: 662073
Ion Ratio Lower Upper
165 100
63 37.9 39.8 59.6
89 64.3 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations

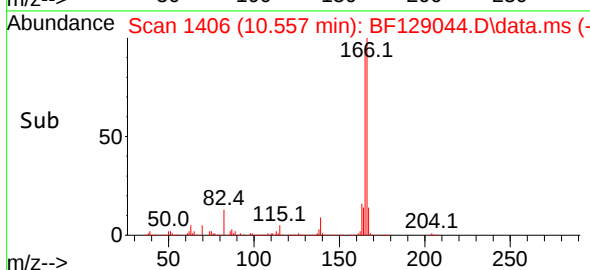
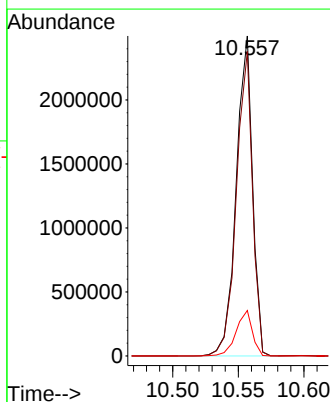
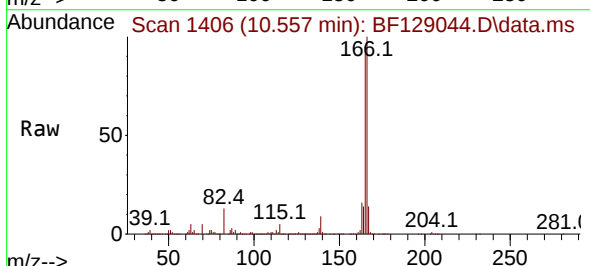
APPROVED

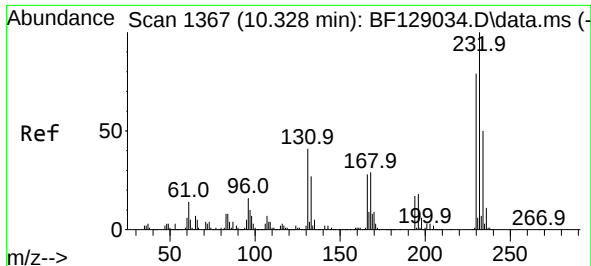
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#58
Fluorene
Concen: 40.818 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

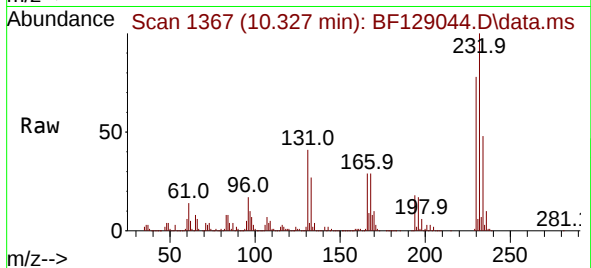
Tgt Ion:166 Resp: 2168539
Ion Ratio Lower Upper
166 100
165 95.1 78.1 117.1
167 14.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.683 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

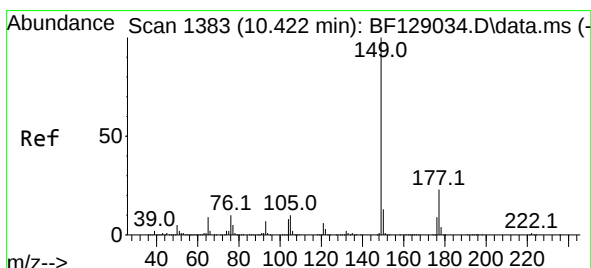
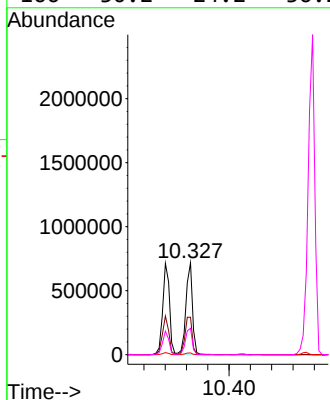
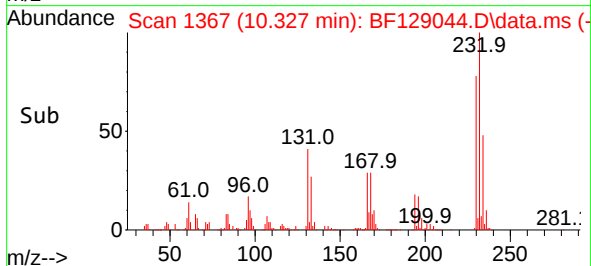
Instrument :
BNA_F
ClientSampleId :
PB145722BS



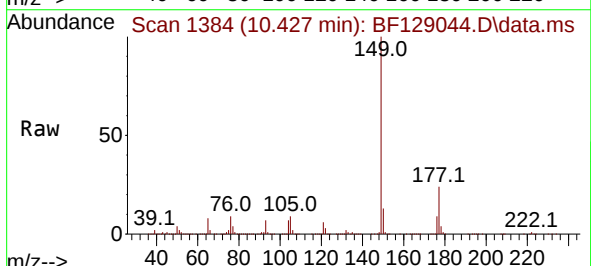
Tgt Ion:232 Resp: 603674
Ion Ratio Lower Upper
232 100
131 45.4 36.1 54.1
130 2.2 1.8 2.8
166 30.2 24.2 36.2

Manual Integrations
APPROVED

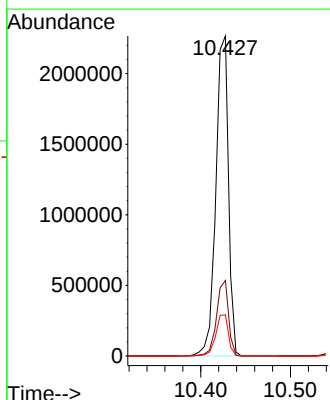
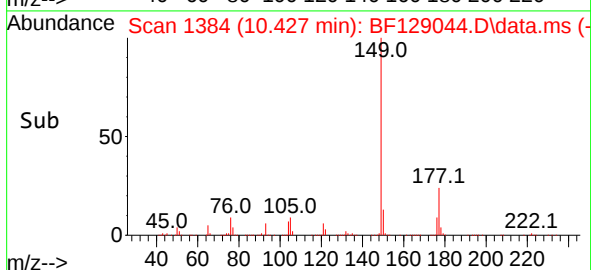
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

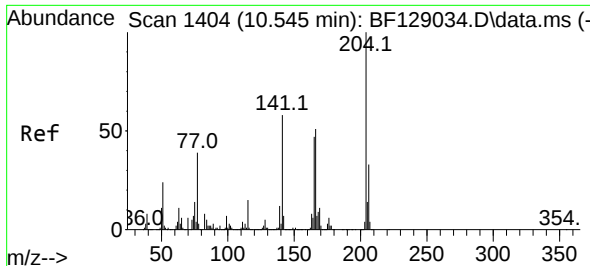


#60
Diethylphthalate
Concen: 41.166 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



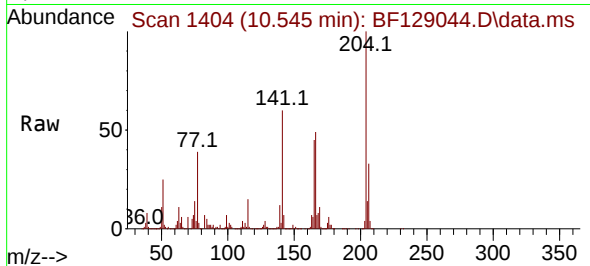
Tgt Ion:149 Resp: 2215108
Ion Ratio Lower Upper
149 100
177 23.6 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.157 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

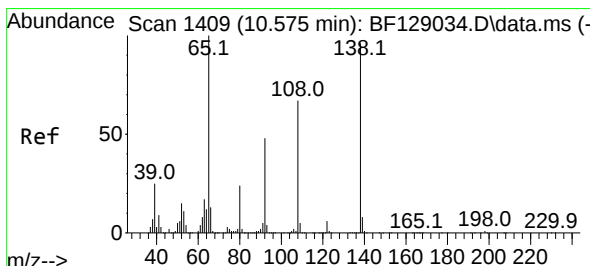
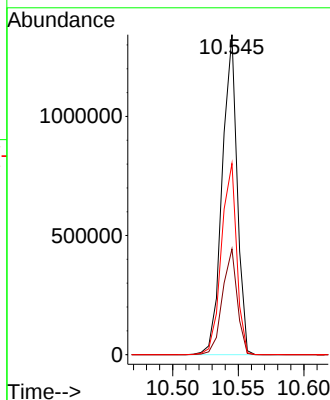
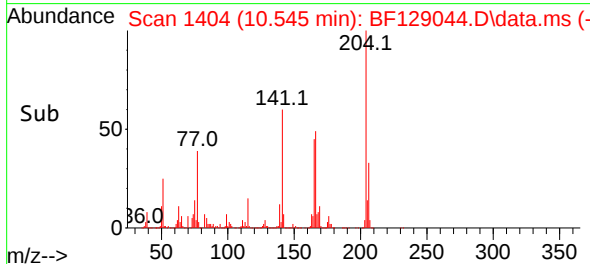
Instrument :
BNA_F
ClientSampleId :
PB145722BS



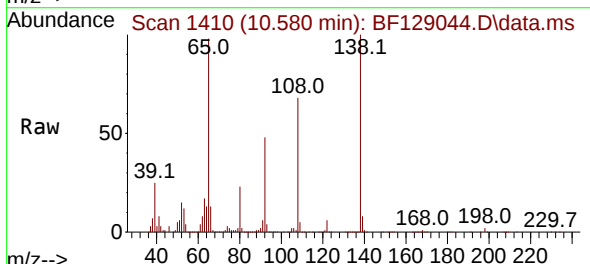
Tgt Ion:204 Resp: 1062963
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 59.7 47.0 70.4

Manual Integrations
APPROVED

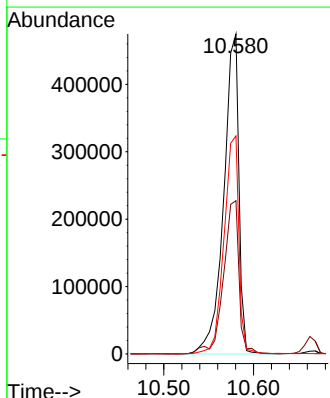
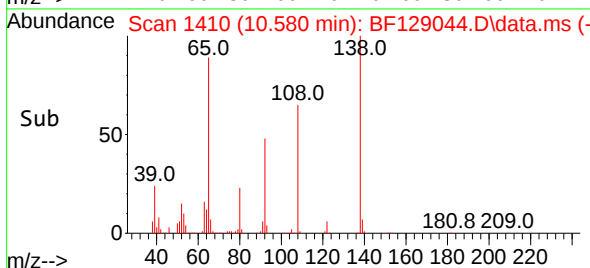
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

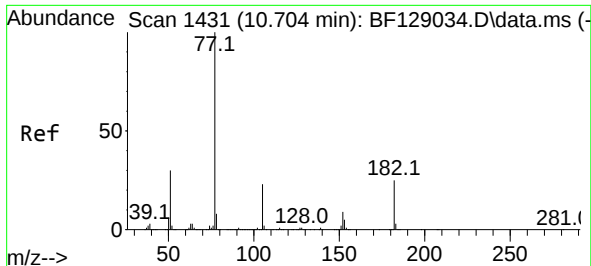


#62
4-Nitroaniline
Concen: 42.977 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



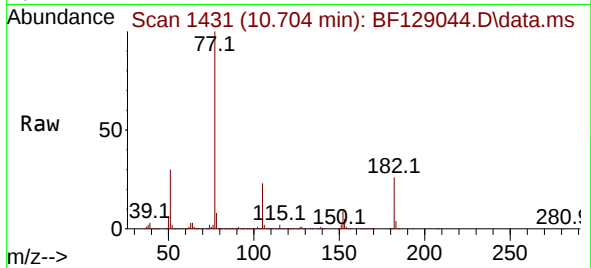
Tgt Ion:138 Resp: 557689
Ion Ratio Lower Upper
138 100
92 47.9 33.5 73.5
108 68.2 61.0 101.0





#63
Azobenzene
Concen: 40.238 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

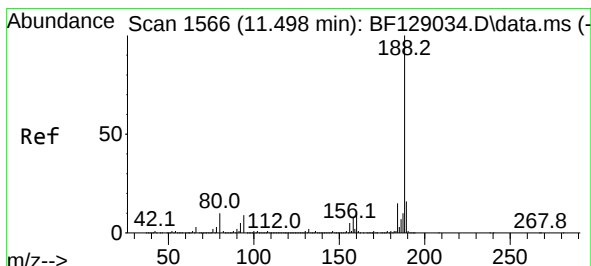
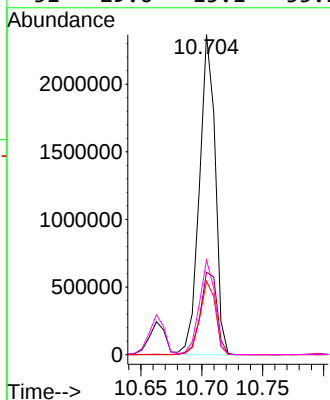
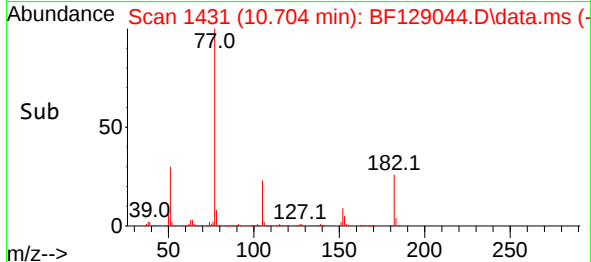
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion: 77 Resp: 212135
Ion Ratio Lower Upper
77 100
182 25.8 5.6 45.6
105 23.0 1.6 41.6
51 29.6 15.1 55.1

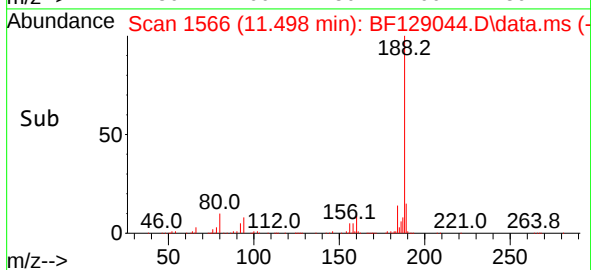
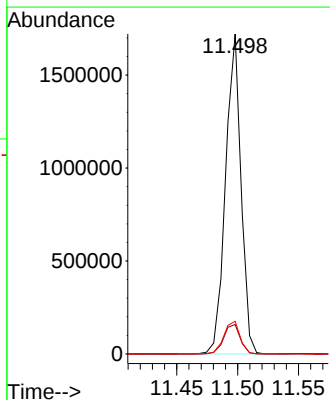
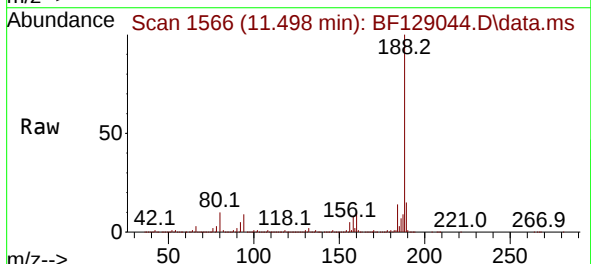
Manual Integrations
APPROVED

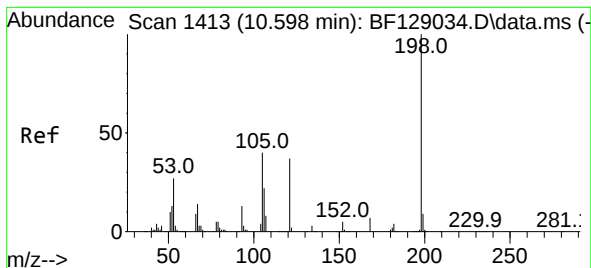
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

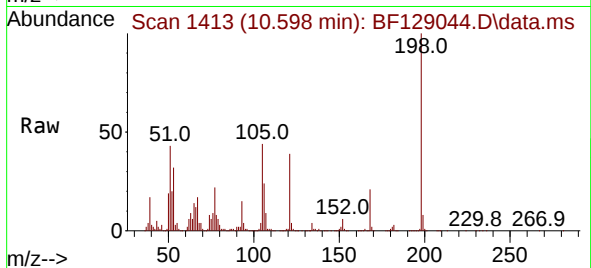
Tgt Ion:188 Resp: 1517042
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 44.606 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

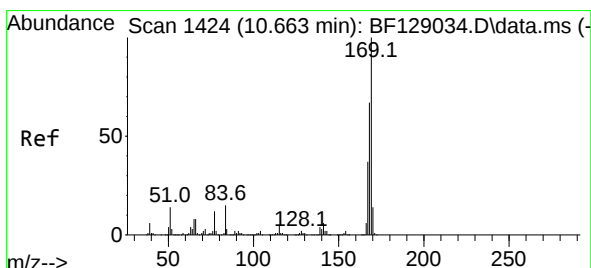
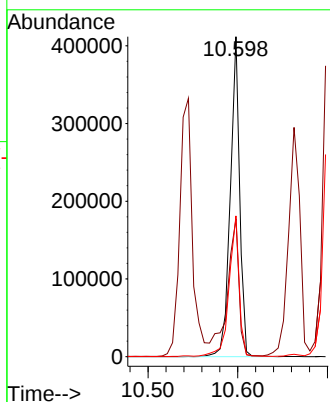
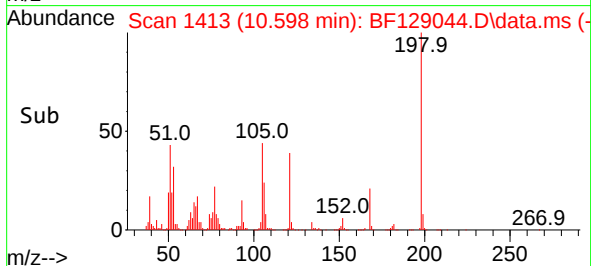
Instrument :
BNA_F
ClientSampleId :
PB145722BS



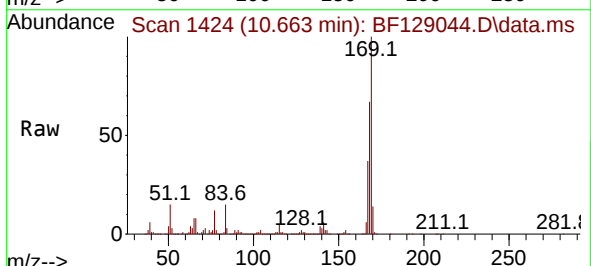
Tgt Ion:198 Resp: 299378
Ion Ratio Lower Upper
198 100
51 43.1 37.6 77.6
105 44.0 27.0 67.0

Manual Integrations
APPROVED

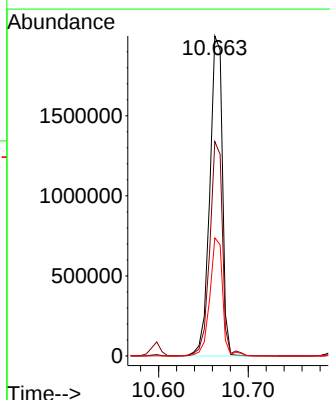
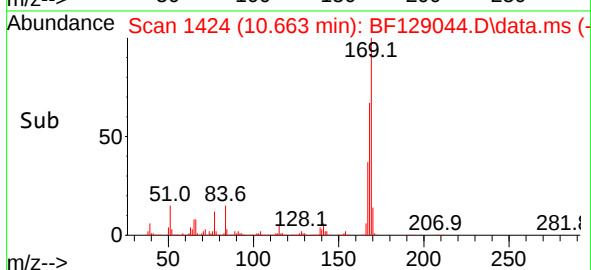
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

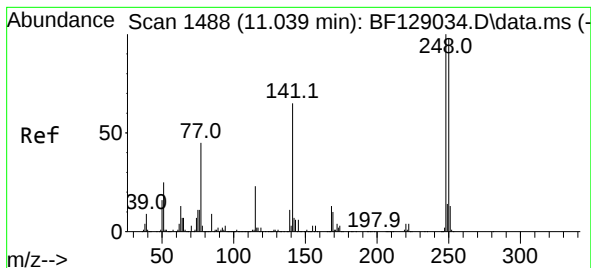


#66
n-Nitrosodiphenylamine
Concen: 42.254 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:169 Resp: 1946776
Ion Ratio Lower Upper
169 100
168 67.0 50.1 75.1
167 36.9 27.9 41.9





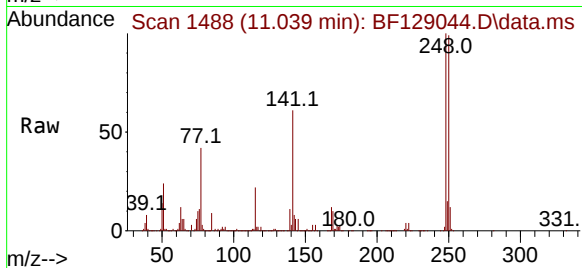
#67
4-Bromophenyl-phenylether
Concen: 41.705 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

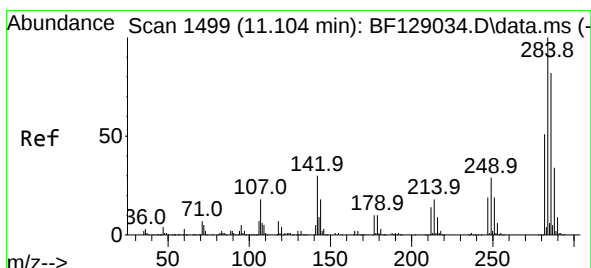
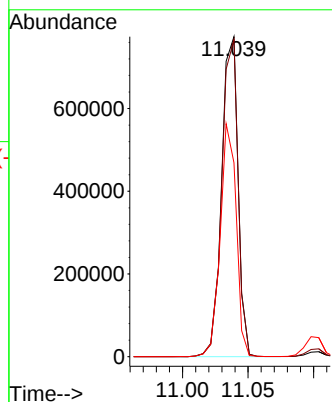
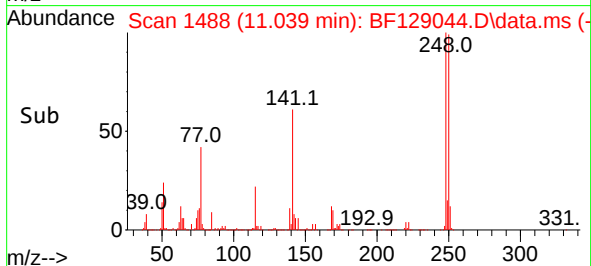


Tgt Ion:248 Resp: 673000
Ion Ratio Lower Upper
248 100
250 99.1 80.6 120.8
141 60.6 58.9 88.3

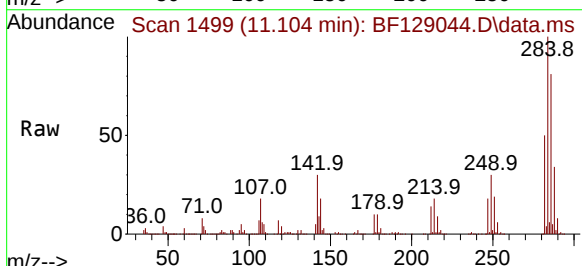
Manual Integrations

APPROVED

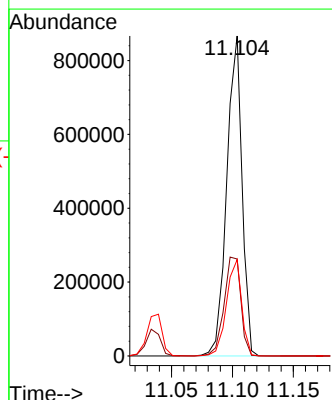
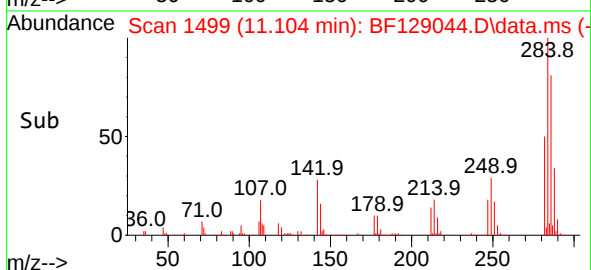
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#68
Hexachlorobenzene
Concen: 42.216 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:284 Resp: 758593
Ion Ratio Lower Upper
284 100
142 30.3 29.0 43.4
249 30.1 25.0 37.6





#69

Atrazine

Concen: 47.491 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF129044.D

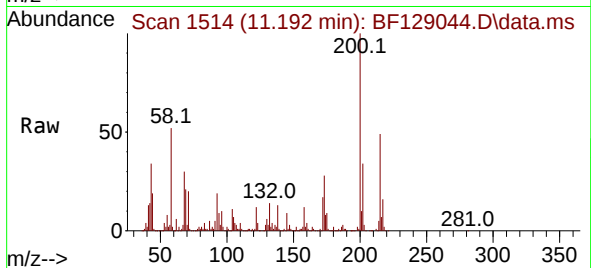
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS



Tgt Ion:200 Resp: 615710

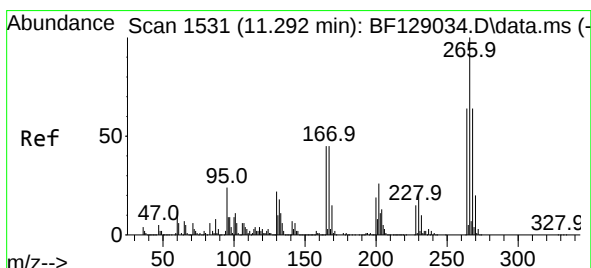
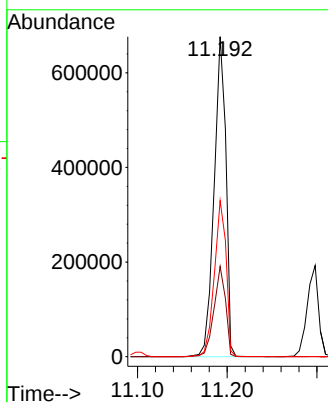
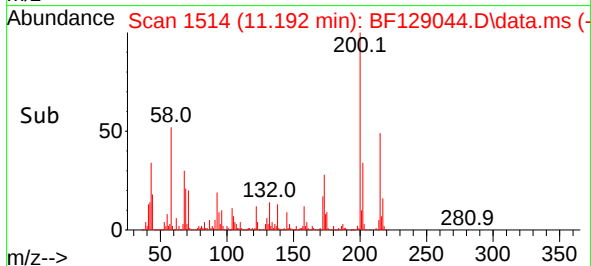
Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.3	46.3
215	48.8	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#70

Pentachlorophenol

Concen: 87.121 ng

RT: 11.298 min Scan# 1532

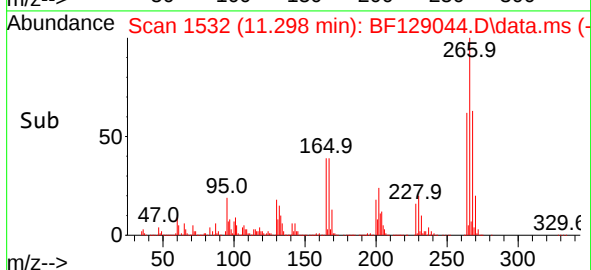
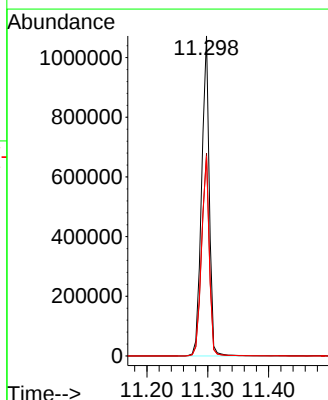
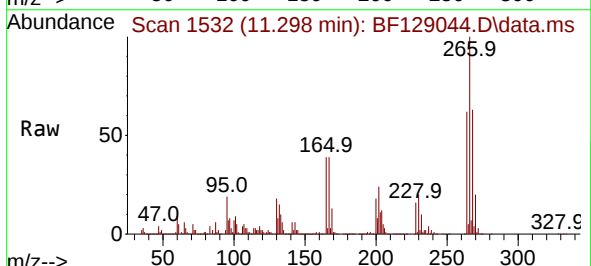
Delta R.T. 0.006 min

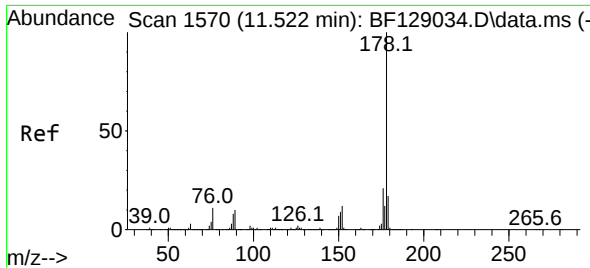
Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Tgt Ion:266 Resp: 932436

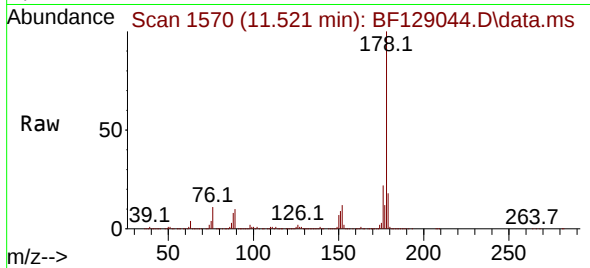
Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.4
264	62.5	49.4	74.2





#71
Phenanthrene
Concen: 41.512 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

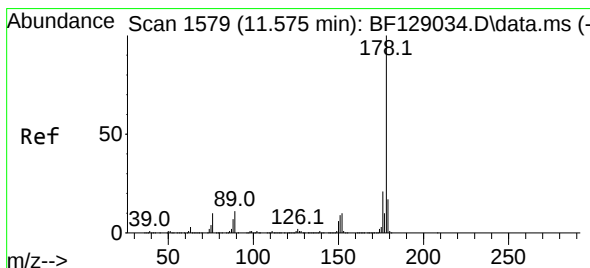
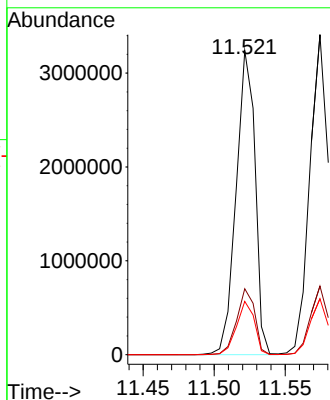
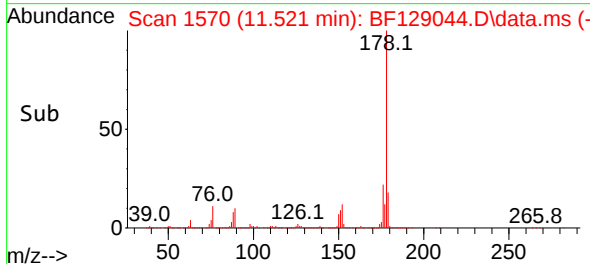
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:178 Resp: 3008920
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 17.5 12.6 19.0

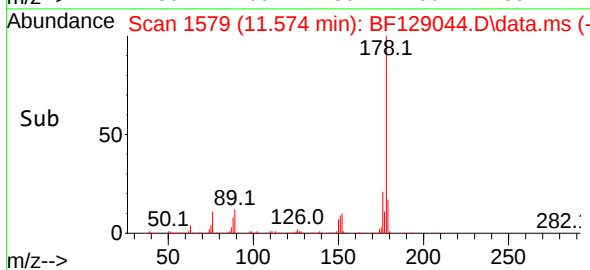
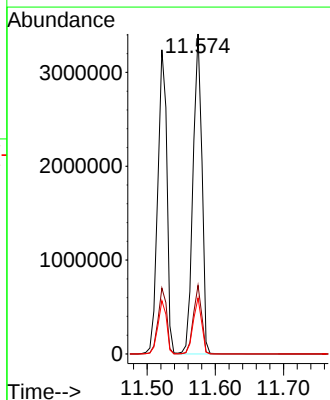
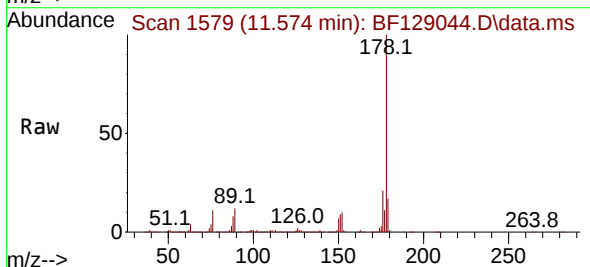
Manual Integrations
APPROVED

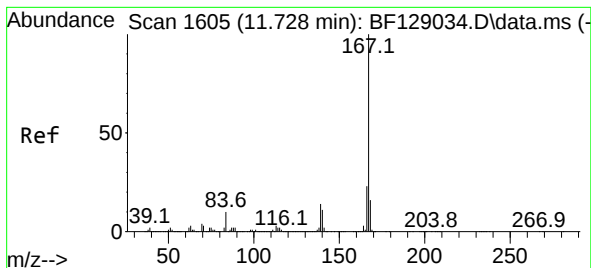
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#72
Anthracene
Concen: 42.758 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:178 Resp: 3055671
Ion Ratio Lower Upper
178 100
176 21.4 15.4 23.2
179 17.5 12.6 19.0





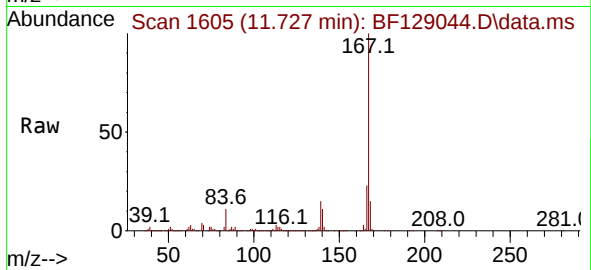
#73
 Carbazole
 Concen: 40.548 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129044.D
 Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

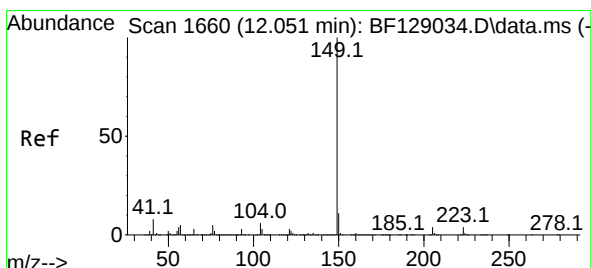
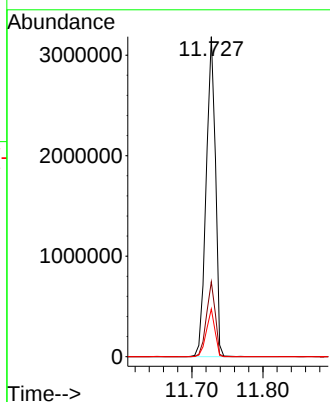
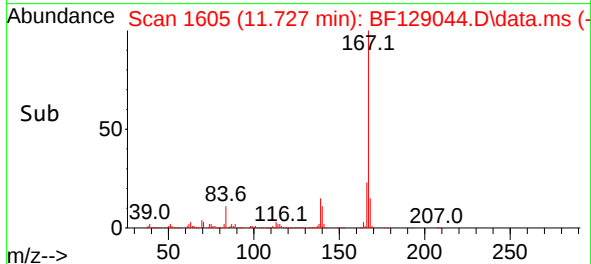


Tgt Ion:167 Resp: 2903654
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.7 26.5
 139 14.9 11.2 16.8

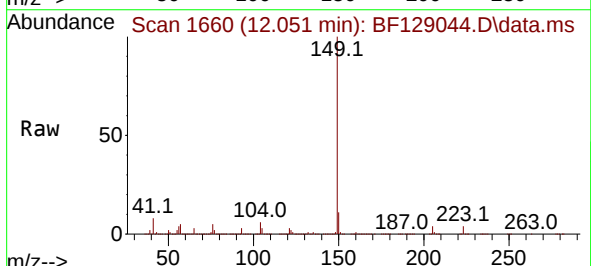
Manual Integrations

APPROVED

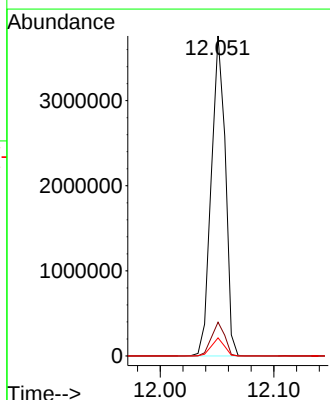
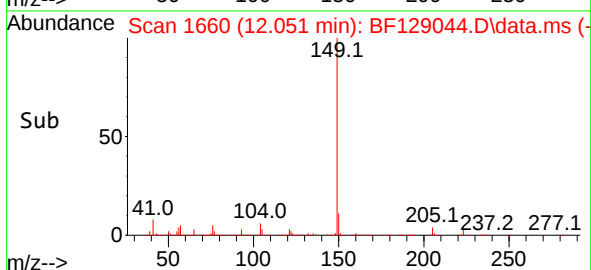
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

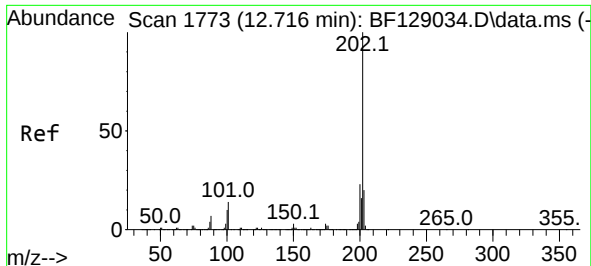


#74
 Di-n-butylphthalate
 Concen: 42.738 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129044.D
 Acq: 29 Jun 2022 19:28



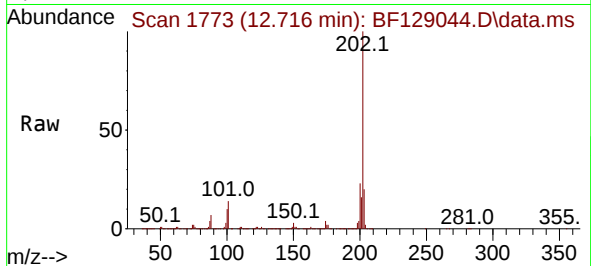
Tgt Ion:149 Resp: 3226819
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 41.839 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

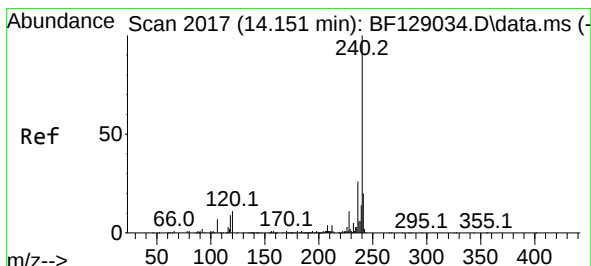
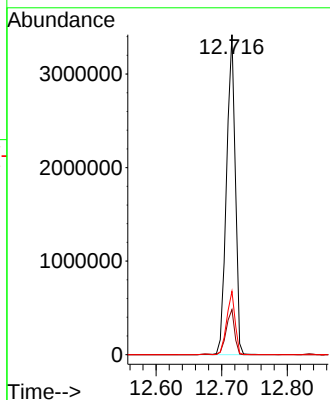
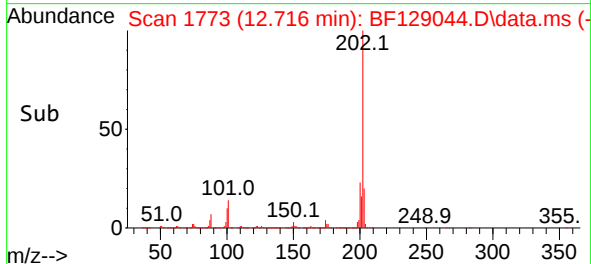
Instrument :
BNA_F
ClientSampleId :
PB145722BS



Tgt Ion:202 Resp: 3171629
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.4
203 19.8 0.0 38.0

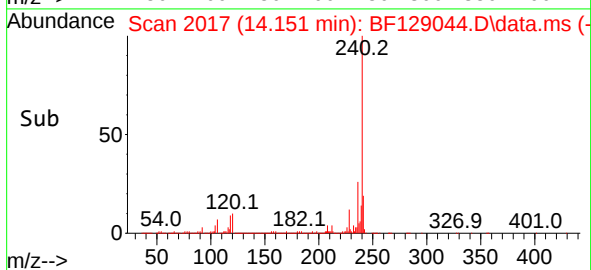
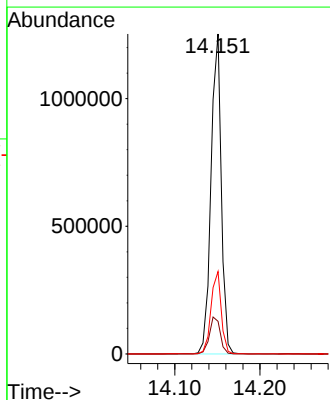
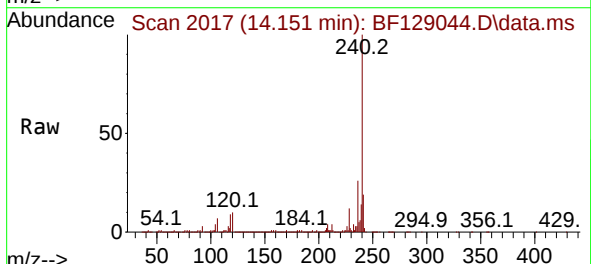
Manual Integrations
APPROVED

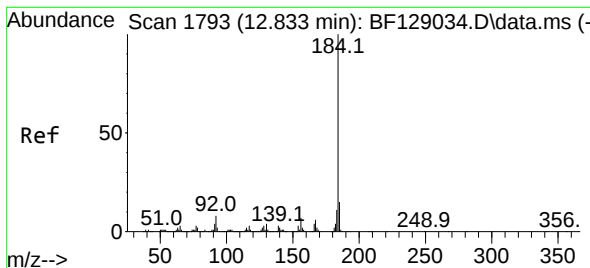
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:240 Resp: 1050216
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.8 20.8 31.2





#77

Benzidine

Concen: 63.915 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129044.D

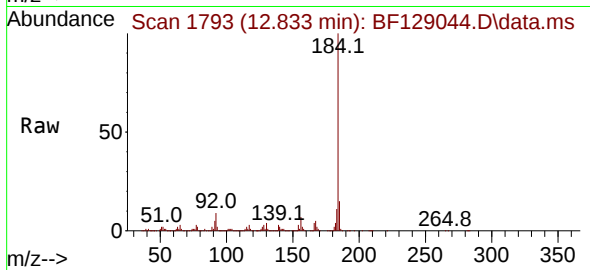
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS



Tgt Ion:184 Resp: 1195238

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

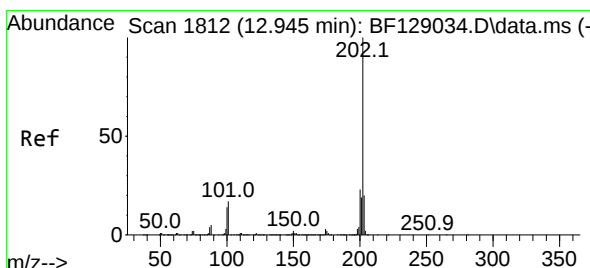
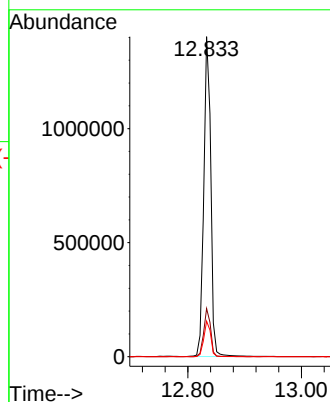
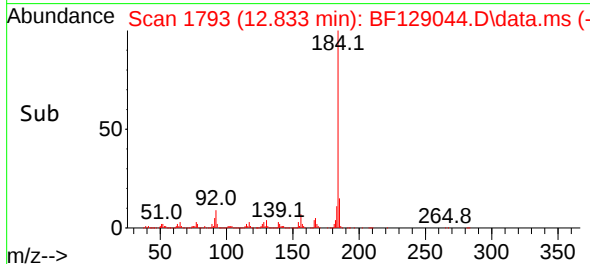
183 11.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#78

Pyrene

Concen: 44.202 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

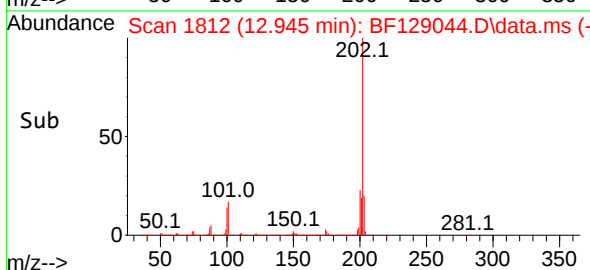
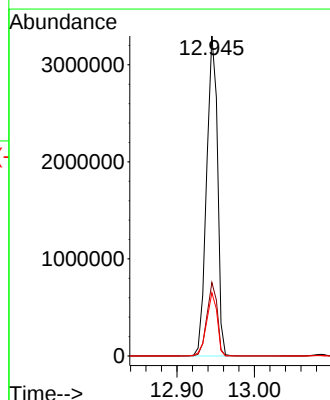
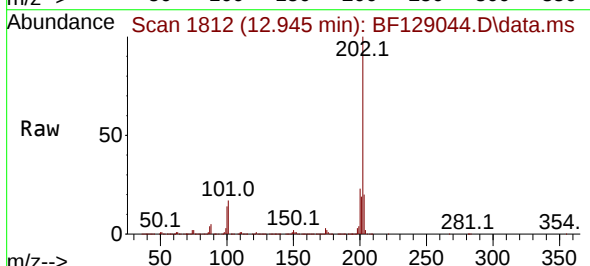
Tgt Ion:202 Resp: 3217741

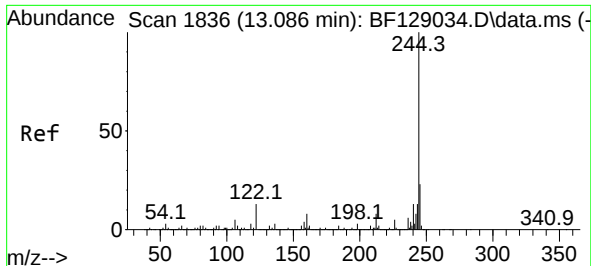
Ion Ratio Lower Upper

202 100

200 23.0 17.7 26.5

203 19.8 14.6 21.8





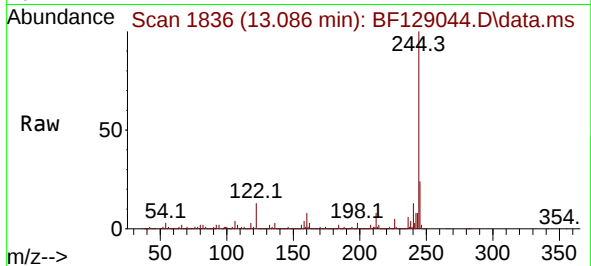
#79
 Terphenyl-d14
 Concen: 83.330 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129044.D
 Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

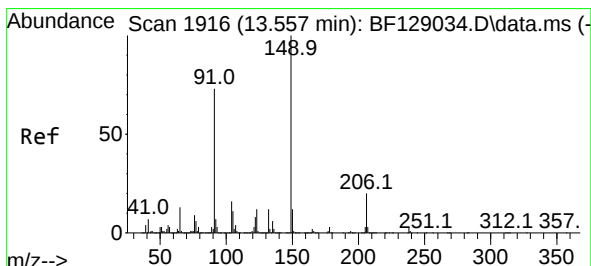
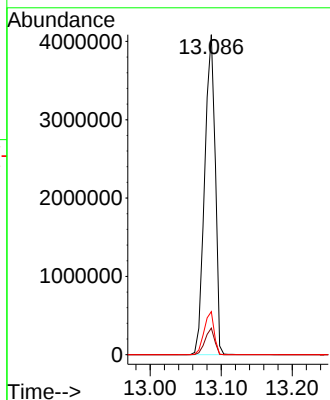
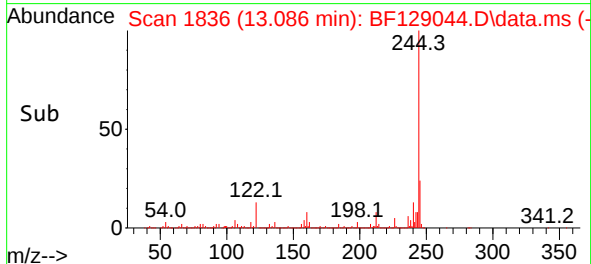


Tgt Ion:244 Resp: 421426
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 13.5 8.8 13.2

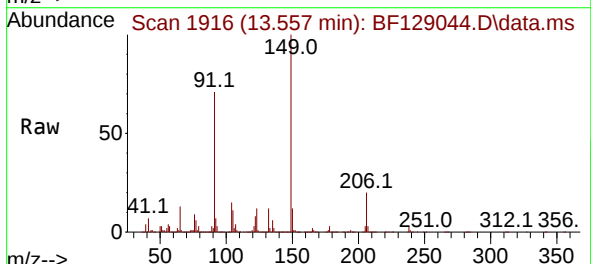
Manual Integrations

APPROVED

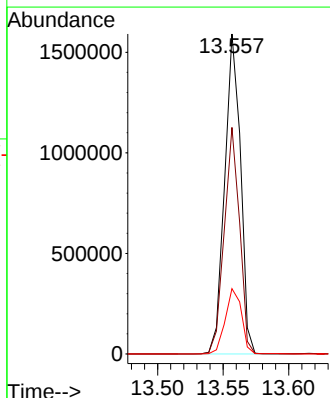
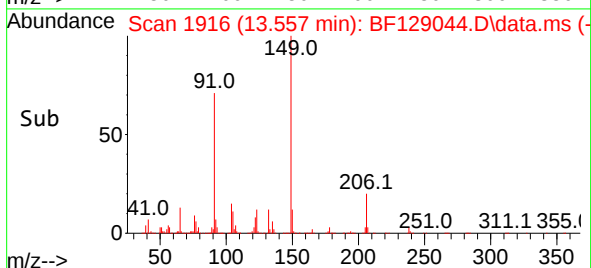
Reviewed By :Christian Giraldo 06/30/2022
 Supervised By :Jagrut Upadhyay 07/01/2022

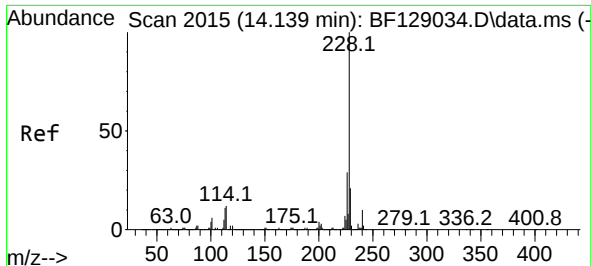


#80
 Butylbenzylphthalate
 Concen: 44.876 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129044.D
 Acq: 29 Jun 2022 19:28



Tgt Ion:149 Resp: 1330861
 Ion Ratio Lower Upper
 149 100
 91 70.8 61.2 91.8
 206 20.4 15.7 23.5





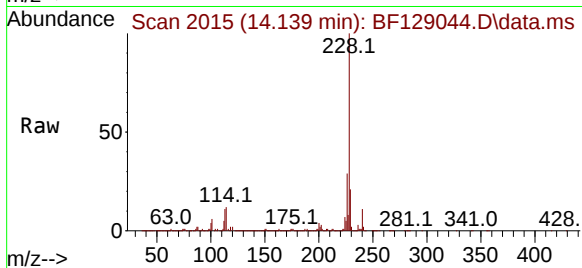
#81
Benzo(a)anthracene
Concen: 42.290 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

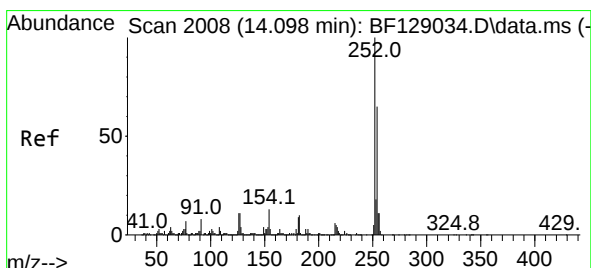
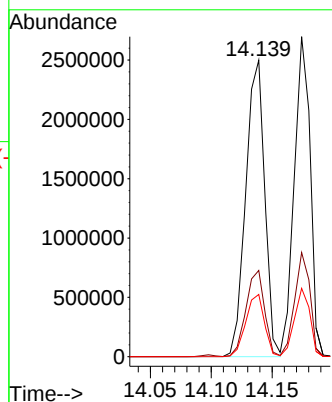
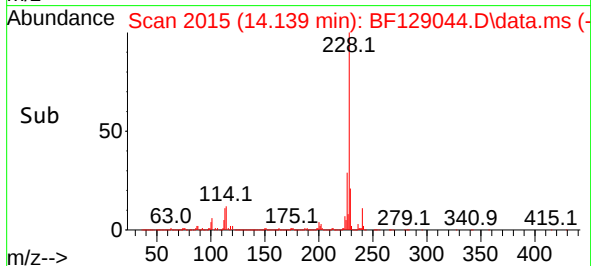


Tgt Ion:228 Resp: 2711790
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 21.0 15.8 23.8

Manual Integrations

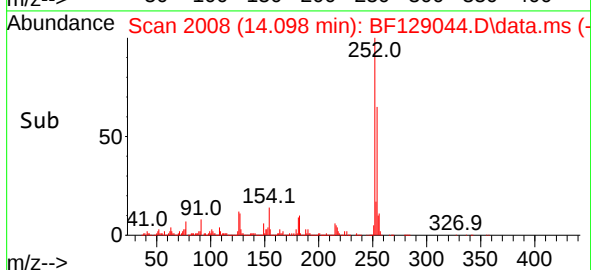
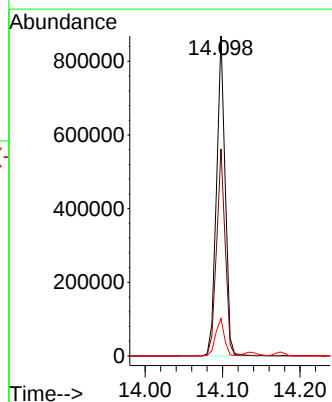
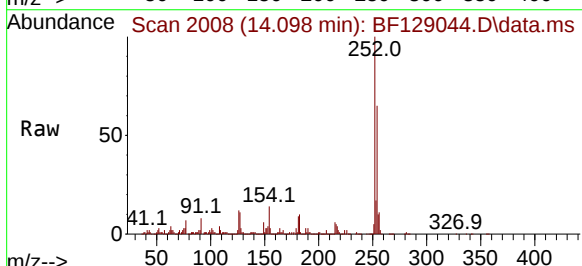
APPROVED

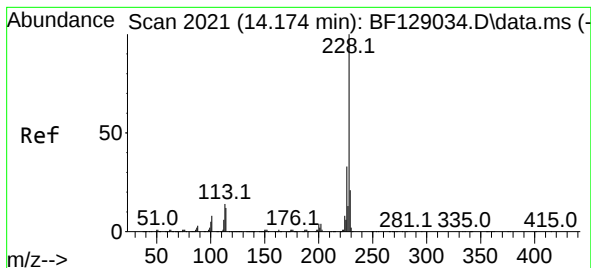
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 48.944 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:252 Resp: 678150
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 11.8 8.2 12.4





#83

Chrysene

Concen: 41.273 ng

RT: 14.174 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:228 Resp: 245698

Ion Ratio Lower Upper

228 100

226 32.5 24.3 36.5

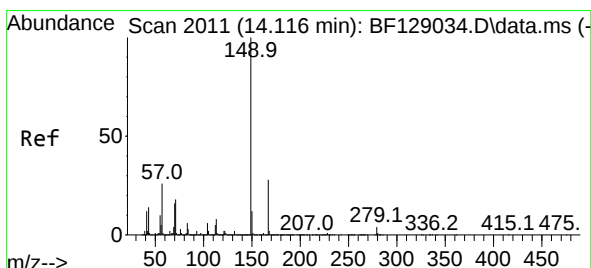
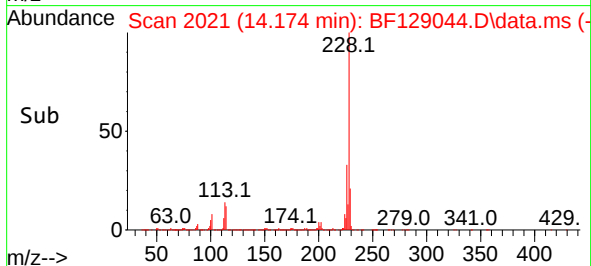
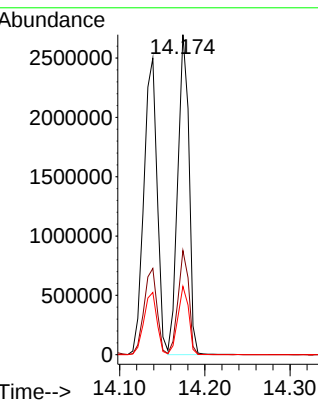
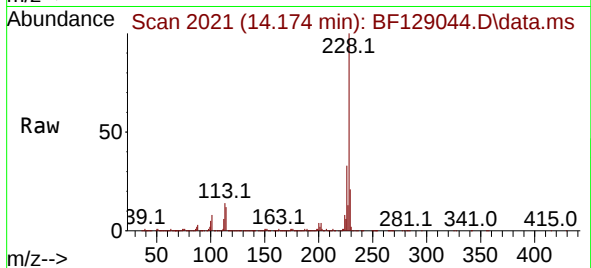
229 21.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.321 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

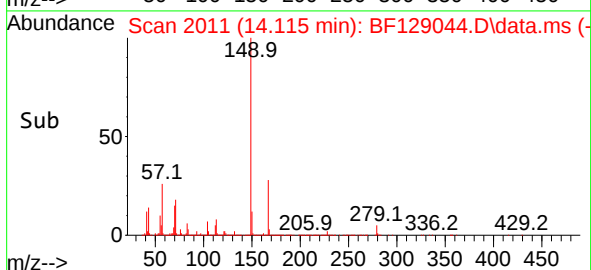
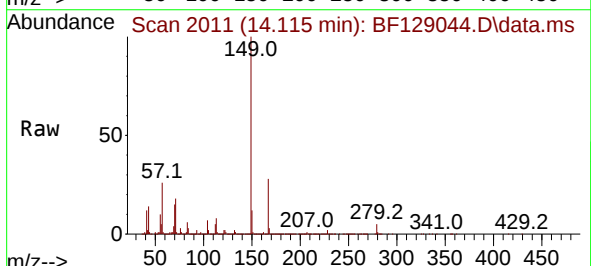
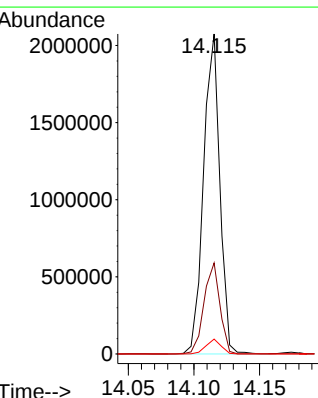
Tgt Ion:149 Resp: 1786221

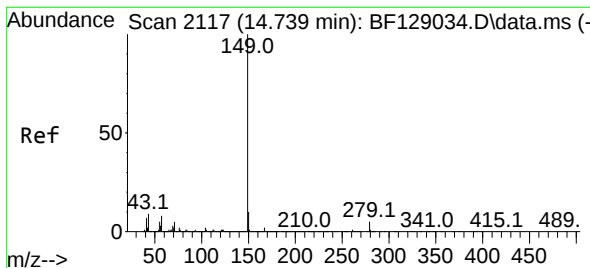
Ion Ratio Lower Upper

149 100

167 28.4 21.0 31.4

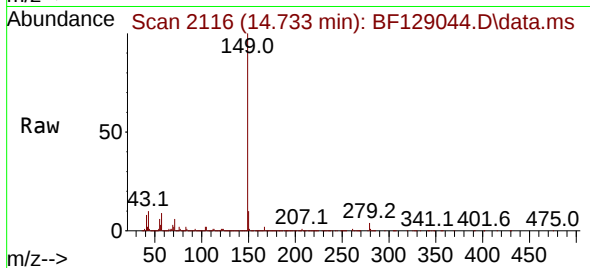
279 4.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.383 ng
RT: 14.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

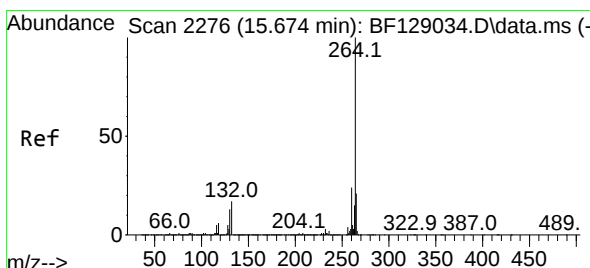
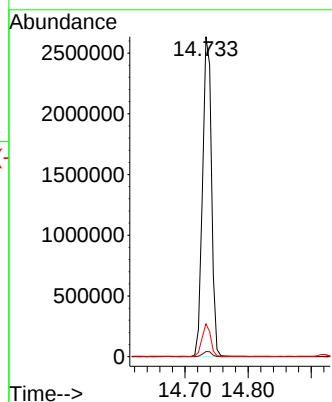
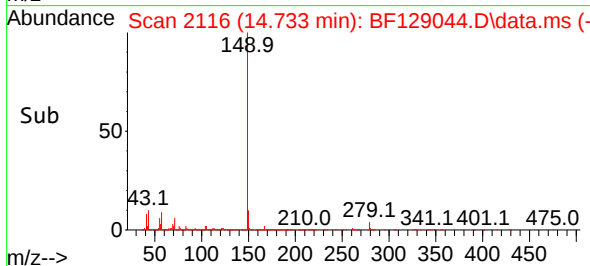
Instrument :
BNA_F
ClientSampleId :
PB145722BS



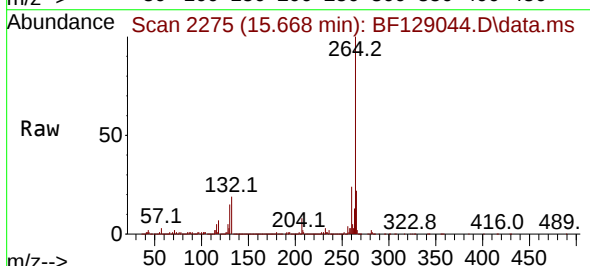
Tgt Ion:149 Resp: 258228
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 9.2 13.8

Manual Integrations
APPROVED

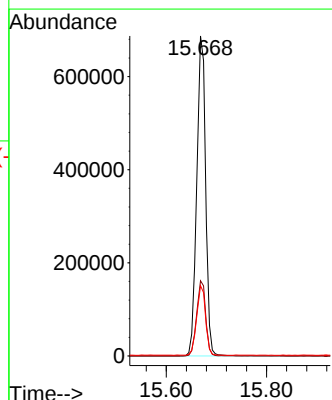
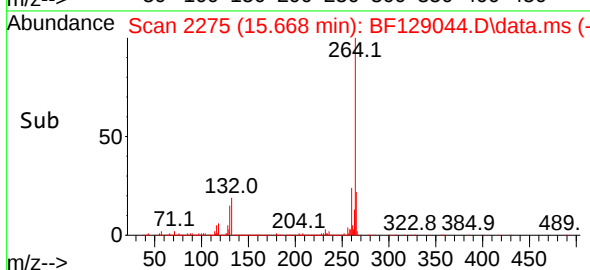
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

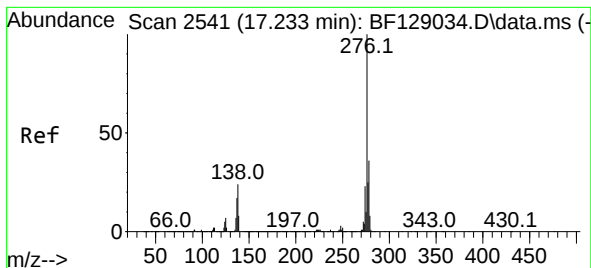


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:264 Resp: 844283
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.434 ng

RT: 17.233 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

Tgt Ion:276 Resp: 2300880

Ion Ratio Lower Upper

276 100

138 27.4 21.1 31.7

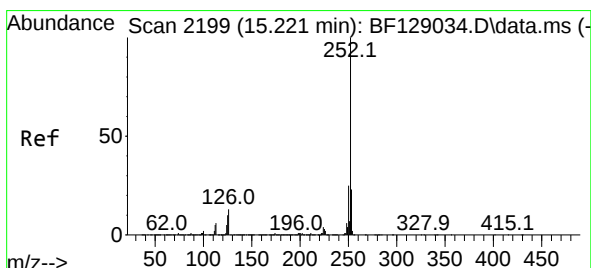
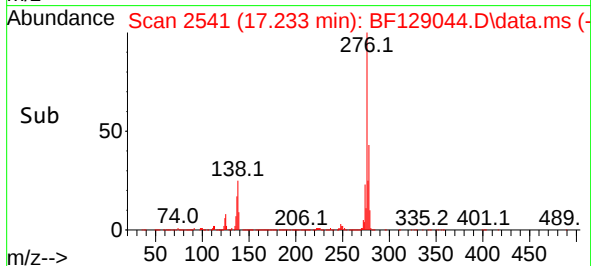
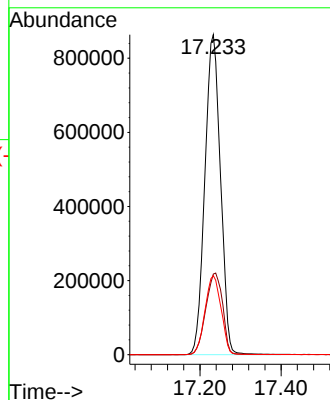
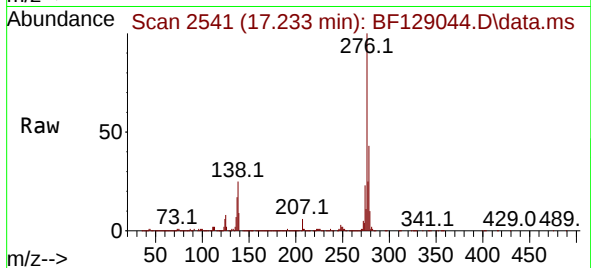
277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/30/2022

Supervised By :Jagrut Upadhyay 07/01/2022



#88

Benzo(b)fluoranthene

Concen: 46.740 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129044.D

Acq: 29 Jun 2022 19:28

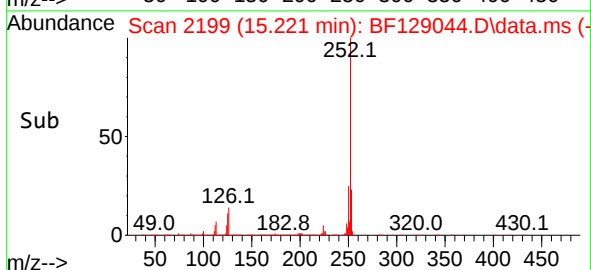
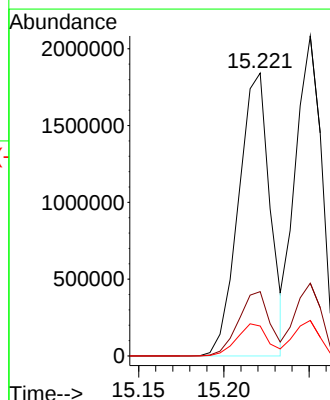
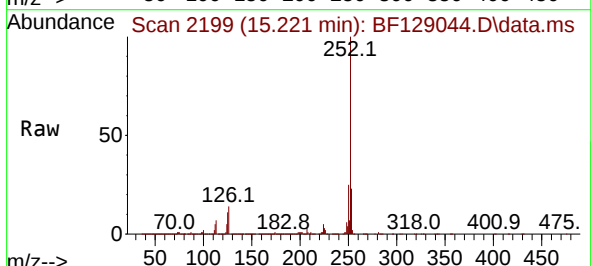
Tgt Ion:252 Resp: 2373239

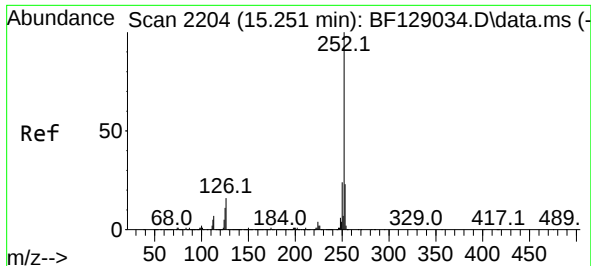
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.6 8.0 12.0





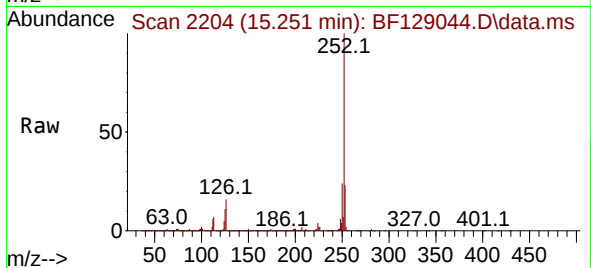
#89
Benzo(k)fluoranthene
Concen: 45.382 ng
RT: 15.251 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

ClientSampleId :

PB145722BS

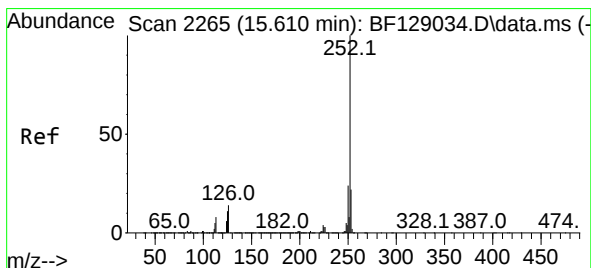
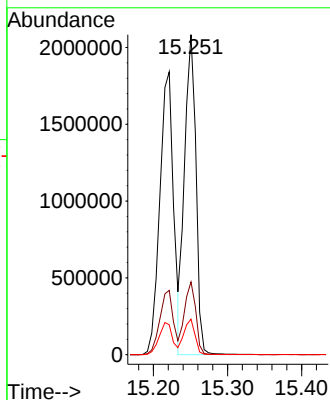
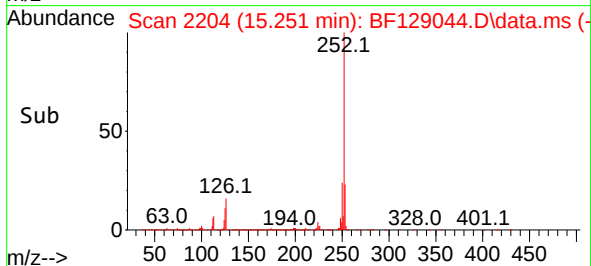


Tgt Ion:252 Resp: 2234950
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.1 8.3 12.5

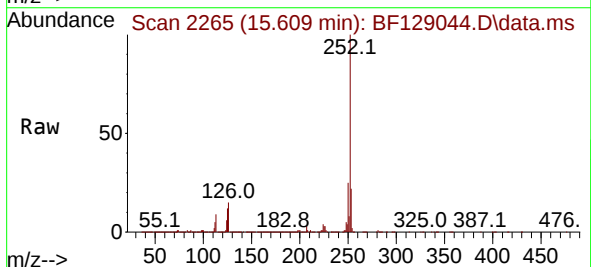
Manual Integrations

APPROVED

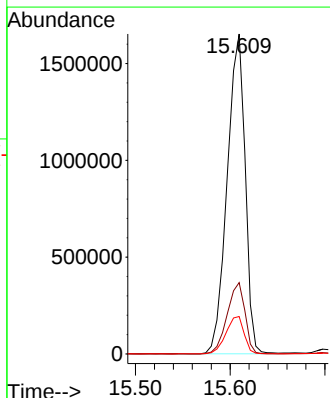
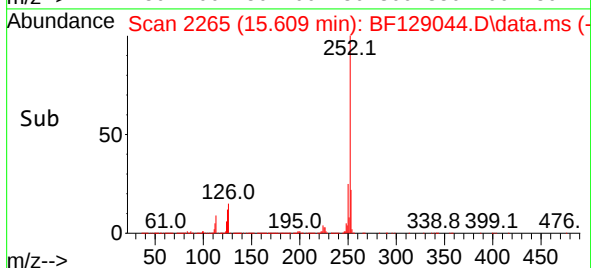
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

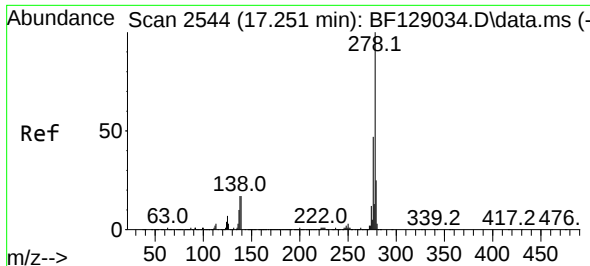


#90
Benzo(a)pyrene
Concen: 52.687 ng
RT: 15.609 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28



Tgt Ion:252 Resp: 2180832
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.558 ng
RT: 17.251 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Instrument :

BNA_F

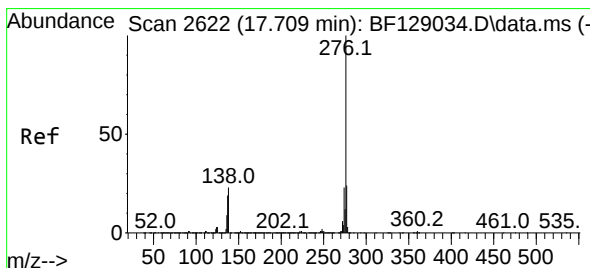
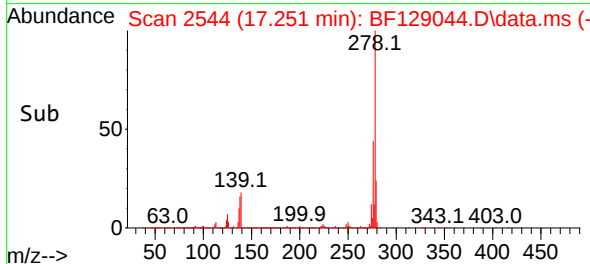
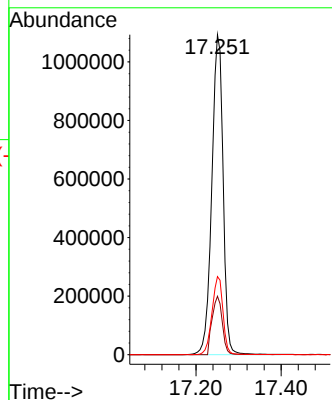
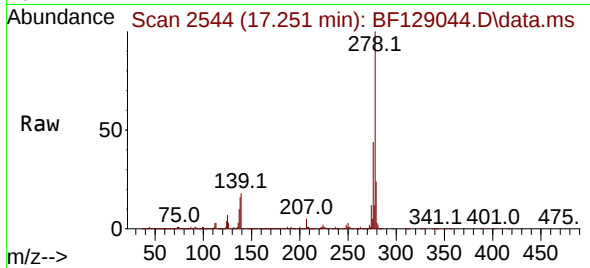
ClientSampleId :

PB145722BS

Tgt Ion:278 Resp: 200753
Ion Ratio Lower Upper
278 100
139 18.2 12.8 19.2
279 24.4 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022



#92
Benzo(g,h,i)perylene
Concen: 47.025 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129044.D
Acq: 29 Jun 2022 19:28

Tgt Ion:276 Resp: 1991517
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 23.7 18.0 27.0

